

# Periodic Review Report (April 12, 2024 through April 10, 2025)

Former Scott Aviation Facility, Area 1 BCP  
Lancaster, New York

Project Reference: NYSDEC Site Code: C915233

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## List of Acronyms

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| 1,1-DCA              | 1,1-dichloroethane                                                           |
| 1,1-DCE              | 1,1-dichloroethene                                                           |
| 1,2-DCA              | 1,2-dichloroethane                                                           |
| 1,1,1-TCA            | 1,1,1-trichloroethane                                                        |
| 1,1,2-TCA            | 1,1,2-trichloroethane                                                        |
| AAR                  | Alternatives Analysis Report                                                 |
| ABC <sup>®</sup>     | Anaerobic Biochem                                                            |
| ABC+ <sup>®</sup>    | Anaerobic Biochem with Zero Valence Iron                                     |
| ABC-Ole <sup>®</sup> | a mixture of Anaerobic Biochem, zero valent iron, and emulsified fatty acids |
| AECOM                | AECOM Technical Services, Inc.                                               |
| AMSL                 | above mean sea level                                                         |
| AVOX                 | AVOX Systems Inc                                                             |
| BCP                  | Brownfield Cleanup Program                                                   |
| bgs                  | below ground surface                                                         |
| bvcA                 | BAV1 VC Reductase                                                            |
| CA                   | chloroethane                                                                 |
| CCR                  | Construction Completion Report                                               |
| cis-1,2 DCE          | cis-1,2-dichloroethene                                                       |
| cm/sec               | centimeters per second                                                       |
| COC                  | contaminant of concern                                                       |
| COPC                 | constituent of potential concern                                             |
| CVOC                 | chlorinated volatile organic compound                                        |
| Dhb                  | <i>dehalobacter</i>                                                          |
| Dhc                  | <i>dehalococcoides</i>                                                       |
| DPT                  | Direct Push Technology                                                       |
| ERD                  | Enhanced Reductive Dechlorination                                            |
| ESA                  | Environmental Site Assessment                                                |
| ft                   | feet                                                                         |
| HPT                  | hydraulic profiling tool                                                     |
| IC/EC                | Institutional Controls/Engineering Controls                                  |
| IRM                  | interim remedial measure                                                     |
| K                    | hydraulic conductivity                                                       |
| Matrix               | Matrix Environmental Technologies, Inc.                                      |
| mg/L                 | milligrams per liter                                                         |
| MIP                  | membrane interface probe                                                     |

|        |                                                         |
|--------|---------------------------------------------------------|
| MNA    | monitored natural attenuation                           |
| NYCRR  | New York Codes, Rules and Regulations                   |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOH | New York State Department of Health                     |
| O&M    | operation and maintenance                               |
| ORP    | oxygen reduction potential                              |
| PCB    | polychlorinated biphenyl                                |
| PCE    | Tetrachloroethene (Perchloroethene)                     |
| PGA    | Preliminary Groundwater Assessment                      |
| PID    | photoionization detector                                |
| PRR    | Periodic Review Report                                  |
| QA/QC  | quality assurance / quality control                     |
| RAO    | remedial action objective                               |
| RAWP   | Remedial Action Work Plan                               |
| RI     | remedial investigation                                  |
| SCO    | soil cleanup objective                                  |
| SMP    | Site Management Plan                                    |
| SRI    | Supplemental Remedial Investigation                     |
| SVI    | soil vapor intrusion                                    |
| sq     | square                                                  |
| SVOC   | semi volatile organic compound                          |
| TCE    | trichloroethene                                         |
| tceA   | TCE Reductase                                           |
| TOC    | total organic carbon                                    |
| TOGS   | Technical and Operational Guidance Series               |
| TVOC   | total volatile organic compounds                        |
| µg/L   | micrograms per liter                                    |
| USEPA  | United States Environmental Protection Agency           |
| UST    | underground storage tank                                |
| vcrA   | VC Reductase                                            |
| VFA    | volatile fatty acids                                    |
| VC     | vinyl chloride                                          |
| VOC    | volatile organic compound                               |
| wt. %  | weight percent                                          |
| XSD    | halogen specific detector                               |
| ZVI    | zero valence iron                                       |

## Executive Summary

On September 1, 2004, the former Scott Aviation Facility (three plant facility) was sold by Scott Technologies, Inc. to the current facility owner/operator, AVOX Systems Inc (AVOX). On September 11, 2008, Scott Technologies, Inc. submitted an application for the area located adjacent to the southwest corner of the Plant 1 property, including the adjacent boiler room, (the "Site", also known as "Area 1") to enter the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), per Title 6 New York Codes, Rules, and Regulations Part 375-3.4 (Applications), effective December 14, 2006. Scott Technologies, Inc. applied for entry into NYSDEC BCP as a participant to investigate and remediate, as appropriate, potential areas of environmental concern associated with the Site. On July 8, 2009, NYSDEC approved the application, and Scott Technologies was accepted into the BCP as a participant (NYSDEC Site Code No. C915233). Scott Technologies, a successor to Figgie International, is now known as Scott Figgie LLC. In December 2015, AVOX was added to the Brownfield Cleanup Agreement as a Volunteer.

Soil, groundwater, surface water, and soil vapor impacts at the Site were outlined in reports submitted to the NYSDEC that describe the results of a series of investigations which took place over several years. Impacts identified during these investigations were addressed via interim remedial measures (IRMs) prior to the December 2015 issuance of a final Decision Document and Certificate of Completion for the Site.

Based on the implementation of the IRMs and a groundwater injection program conducted in March 2019, findings from the investigation of the Site indicate that the Site no longer poses a threat to human health or the environment; therefore, No Further Action is the selected remedy by NYSDEC. The No Further Action remedy currently includes semi-annual groundwater monitoring, and quarterly inspections of the boiler room repairs to the floor cracks and joints and sealing of the annulus around each floor drain to mitigate the potential for sub-slab volatile organic compound (VOC) vapors to enter the building.

Periodic groundwater monitoring has shown a notable decrease in the concentrations of contaminants of concern (COC) and no off-Site migration of COCs in groundwater. Additionally, microbial analysis of shallow and deep overburden groundwater has indicated that the necessary microbes, such as *dehalococcoides* (*Dhc*) and degradation enzymes are present in subsurface groundwater.

A continuation of semi-annual groundwater monitoring for VOCs and monitored natural attenuation parameters at select Site wells, quarterly inspections of the boiler room floor, and annual reporting per the NYSDEC-approved Site Management Plan (SMP) is recommended for the next reporting period. No change is recommended to the existing SMP.

# 1. Introduction

On behalf of Scott Figgie LLC (successor to Scott Technologies, Inc.), and pursuant to the requirements of New York State Department of Environmental Conservation (NYSDEC), Decision Document (NYSDEC, December 2015) and Site Management Plan (SMP) (AECOM, December 2015a), AECOM Technical Services, Inc. (AECOM) has prepared this Periodic Review Report (PRR) to summarize the groundwater monitoring activities for the former Scott Aviation facility (the “Site”, also known as Area 1), NYSDEC Site Code No. C915233, located within two parcels at 215 and 221 Erie Street, Village of Lancaster, County of Erie, State of New York (**Figure 1**). The reporting period discussed herein encompasses the period from April 12, 2024 through April 10, 2025. During the reporting period, the Site has been owned and operated by AVOX Systems Inc. (AVOX).

## 1.1 Report Organization

The purpose of this PRR is to provide a summary of the controls implemented for the Site as required by Section 7.2 of the SMP and to provide recommendations for future controls at the Site.

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

- An Executive Summary including a brief summary of the Site, nature and extent of contamination, remedial history, the effectiveness of the remedial program, and recommendations for changes to the SMP;
- A brief summary of the Site and PRR organizational details (**Section 1**);
- A Site overview, describing the Site location, significant features, surrounding areas, and the extent of environmental impacts prior to Site remediation. It includes a description of the chronology of the main features of the remedial program for the Site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection (**Section 2**);
- A groundwater monitoring program summary including a description of the requirements of the monitoring, a summary of the groundwater monitoring activities completed during the PRR reporting period, a comparison of the most recent (April 2025) groundwater results to the Remedial Action Objectives (RAOs) of the Site, and conclusions regarding the monitoring completed and the resulting evaluations regarding remedial performance, effectiveness, and protectiveness (**Section 3**);
- A description of the Site inspections, associated operations and maintenance (O&M) tasks completed and recommendations for improvements (**Section 4**);
- A summary of overall conclusions and recommendations regarding compliance with the SMP, performance and effectiveness of the remedy, a description of upcoming Site-related activities, and a proposed monitoring and compliance sampling and reporting schedule (**Section 5**);
- A review of the Institutional Controls/Engineering Controls (IC/EC) for the Site (**Section 6**); and
- References used in the preparation of this report (**Section 7**).

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

- Appendix A provides a summary of pre-injection and post-injection groundwater quality data;
- Appendix B provides a current and historical summary of the volatile organic compounds (VOCs) detected in the Site monitoring wells sampled in October 2024 and April 2025;
- Appendix C provides the groundwater purge logs for the Site monitoring wells sampled in October 2024 and April 2025;

- Appendix D provides the October 2024 and April 2025 analytical data packages on compact disc;  
and
- Appendix E includes the completed IC/EC certification.

## 2. Site Overview

The following subsections present a description of the Site location, significant features, surrounding areas, and the extent of contamination prior to the Site remediation. A description of the chronology of the main features of the remedial program for the Site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection are also presented.

### 2.1 Site Location

The Site is located in Lancaster, Erie County, New York and is identified as Section 104 Block 5 and Lots 8 and 9 on the Erie County Tax Map; refer to **Figure 1** for the Site Location Map. The Site is approximately 1.25 acres in area and is bounded by non-impacted AVOX land and then Erie Street to the north, railroad tracks to the south, AVOX Plant 1 (currently vacant) to the east, and residential zoned property (with a house) to the west. Refer to **Figure 2** for the Site Layout Map).

### 2.2 Physical Setting

#### 2.2.1 Land Use

The Site consists of the following: outbuildings that support Plant 1 (which is not part of the Site), asphalt driveways and parking areas, and lawn and brush-covered areas. Site occupants include only occasional maintenance and shipping/receiving personnel, as manufacturing activities have been moved to the two plants located on the north side of Erie Street.

The lands adjoining the Site and in the neighborhood surrounding the Site comprise both commercial and residential properties. The property immediately south of the Site includes railroad tracks; the properties immediately north of the Site include additional AVOX land and commercial properties; the properties immediately east of the Site include AVOX Plant 1 and its parking lot, and then residential properties (including vacant land); and the properties to the west of the Site include residential parcels.

#### 2.2.2 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 of weathered shale is located above the bedrock (deep overburden). Overburden thickness ranges from 20 feet (ft) in the southern portion of the Site to 26 ft in the northern portion of the Site.

The average depth to bedrock is approximately 21 ft. Bedrock was observed to consist of black shale of the Marcellus Formation (Hamilton Group).

A transect for a geologic cross section with monitoring well and piezometer locations is shown on **Figure 3**, and the geologic cross-section is shown on **Figure 4**.

Groundwater monitoring wells were installed at three intervals: shallow overburden, deep overburden, and bedrock; the one bedrock well was decommissioned in October 2017. Overburden groundwater is first encountered at the Site in the shallow overburden, and then again just above the bedrock. An observation of the groundwater within the deep overburden, which is present on top of bedrock, indicates a semi-confined state.

Results of the in-situ hydraulic conductivity (K) tests performed in the monitoring wells at the Site during the BCP Remedial Investigation (RI) showed that K values range from 1.49E-03 centimeters per second (cm/sec) to 3.13E-05 cm/sec in the shallow overburden and range from 4.72E-03 cm/sec to 8.96E-05 cm/sec in the deep overburden. Hydraulic conductivity testing was not performed in the bedrock monitoring well.

The regional flow of groundwater at the Site in both the shallow and deep overburden is to the northwest. The flow direction is most pronounced in the deep overburden, as the flow of shallow overburden groundwater within the Site is significantly influenced by seasonal standing water to the southwest, a storm sewer network cutting through the Site, large asphalt areas to the north and east, and Plant 1 to the east. Depth to groundwater across the Site in both the shallow and deep overburden was measured in April 2025 and is discussed in detail in Section 3 of this report.

### **2.2.3 Site Investigation and Remedial History**

The following narrative provides a remedial history timeline and a brief summary of the available project records to document key investigative and remedial milestones for the Site. Full titles for each of the reports referenced below are provided in Section 7.

The general historical operations that existed in the Plant 1 building adjacent to the Site were primarily manufacturing, development, testing, and distribution for aircraft and military supplied-air systems. The oldest portion of Plant 1 dates to the early 1950s. That original building was expanded several times, with most of it in place by 1975 except for a small warehouse addition in 1996. Plant 1 historical activities included the chemical cleaning and repainting of oxygen cylinders, the chemical cleaning (with inorganic acid solutions) and chromium plating (in a non-electrolytic "soak bath") of metallic components of oxygen supply systems, and the fabrication of oxygen-regulating assemblies. Plant 1 also supported a Class 10,000 clean room and a Class 100,000 clean room. The office area contained management, administrative, engineering, training, and other support activities, and a cafeteria.

Since 2010, Plant 1 has no longer been used for production (i.e., painting and plating activities have terminated). The BCP boundary for the Site is located immediately west/southwest of Plant 1. In general, the pre-remediated areas as described below consisted of low-level metals in the top of the shallow overburden soil immediately south of Plant 1, VOCs in shallow overburden soil at the fence gate southwest of Plant 1, and VOCs in shallow and deep overburden groundwater west/southwest of Plant 1. The BCP boundary, or VOC-impacted groundwater plume, does not extend off the AVOX property.

#### **2.2.3.1 Phase I**

In 2004, a Phase I Environmental Site Assessment (ESA) was performed at the Site by Earth Tech, Inc. (now AECOM) on behalf of then owner, Scott Technologies, Inc. The entire facility was sold to the current owner, AVOX, in September 2004. Historical aerial photographs included in the Phase I ESA Report indicated an area of potentially disturbed soil on the west side of Plant 1, south of the existing visitor parking area, and just outside the Plant 1 western perimeter fence line on the adjacent vacant parcel (Earth Tech, April 2004). The Phase I ESA also identified two former underground storage tanks (USTs) that had contained gasoline starting in the early 1970s that were removed from the southeastern portion of the Plant 1 Area in November of 1987; however, no records were found to indicate that any post-excavation sampling was done to demonstrate that the soil and groundwater in their vicinity had not been impacted.

Another former UST that had contained gasoline from an unknown date until the early 1970s was reportedly cleaned and closed in place at that time by filling it with sand. It is believed to be located beneath the current hazardous materials storage shed. No records were found to indicate exactly where that tank is located, when closure occurred, or that any post-closure sampling was done to demonstrate that soil and ground water in the vicinity had not been impacted. From the early 1950s to about 1973, used sand from a steel-casting foundry operation, located in the western portion of Plant 1, was disposed behind (south of) Plant 1.

#### **2.2.3.2 Phase II**

A Phase II Environmental Site Investigation was completed in 2004 for the entire Scott Aviation facility, to address environmental concerns described in the Phase I ESA Report, including the area of potentially disturbed soil on the west side of Plant I. During the Phase II ESI, seven test pits were excavated. Residual paint sludge of unknown origin was observed in two of the test pits. The paint sludge area was approximately 150 square ft (sq ft) in size and located just west and south of the vehicle gate located in the western perimeter fence, immediately north of the water tower. Elevated levels of VOCs and semi-

volatile organic compounds (SVOCs) present in the soil immediately below the waste indicated that some leaching of the waste had occurred (Earth Tech, June 2004).

#### **2.2.3.3 Interim Remedial Measure - Soil Excavation**

On June 28, 2005, Earth Tech, in accordance with a NYSDEC-approved Interim Remedial Measures / Supplemental Site Investigation Work Plan, performed an initial excavation of the buried paint sludge material located to the west of Plant 1. A total of 60 cubic yards of soil was excavated to the west of Plant 1, down to the level at which groundwater was encountered - about 6 ft below ground surface (ft bgs). Further excavation was not completed during the IRM, as the scope of work only addressed vadose zone soil.

#### **2.2.3.4 Preliminary Groundwater Assessment**

The above investigations identified the general areas of concern at the Site. As a result of the elevated VOC and SVOC soil concentrations detected in the excavation bottom at Area 1 during the 2005 IRM, a Preliminary Groundwater Assessment (PGA) was performed in 2006 and 2007. The purpose of the PGA was to assess the nature and extent of VOCs in groundwater in the vicinity of Area 1. A series of groundwater wells was installed, and samples were collected and analyzed as a part of the PGA (Earth Tech, January 2008). Eighteen temporary piezometers were installed during the PGA to monitor shallow overburden groundwater. Groundwater samples collected from these piezometers contained VOCs, with 18 of these compounds detected at concentrations that exceeded the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 (NYSDEC, June 1998, January 1999 errata sheet, April 2000 addendum, June 2004 addendum) Class "GA" standards for the protection for source of drinking water (groundwater); herein referred to as the TOGS 1.1.1 groundwater standards. Samples of deep overburden groundwater also contained VOCs but to a lesser degree than the shallow overburden groundwater.

#### **2.2.3.5 Remedial Investigation**

The BCP RI began in December 2010 with the completion of soil borings, the installation of monitoring wells, and the collection of soil, groundwater, and vapor samples for chemical analysis. This initial work was completed during the summer of 2010 following the approval of the Remedial Investigation / Alternatives Analysis Work Plan (AECOM, February 2010) and addendum to the Remedial Investigation / Alternatives Analysis Work Plan (AECOM, May 2010). A Supplemental RI (SRI) (Supplemental Remedial Investigation Report, AECOM, April 2012), describing work completed in June 2011, included the installation of additional monitoring wells, groundwater sampling, and an evaluation of a storm sewer system that was located throughout the BCP Site. The RI and SRI were performed to gather the data necessary to complete the characterization of chemical presence in on-site groundwater, soil, and soil vapor, in order to identify and evaluate necessary and appropriate remedial alternatives as presented in the Remedial Investigation Report (AECOM, September 2011). The proposed remedial alternatives were presented in an Alternatives Analysis Report (AAR) (AECOM, September 2015). That AAR was completed in accordance with the NYSDEC DER Draft BCP Guide (NYSDEC, May 2004), 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Environmental Remediation Programs (NYSDEC, December, 2006), and NYSDEC DER-10 (NYSDEC, May, 2010).

These studies investigated Area 1 for contamination in surface soil, subsurface soil, groundwater, and impacts to on-site storm sewers. Constituents of potential concern (COPCs) were identified for soil by comparison of maximum detected concentrations for VOCs to 6 NYCRR Part 375 Unrestricted Use soil cleanup objectives (SCOs), and for SVOCs, metals, pesticides, and polychlorinated biphenyls (PCBs) by comparison to 6 NYCRR Part 375 Commercial Use SCOs. COPCs were identified for groundwater by comparison of maximum detected concentrations for VOCs, SVOCs, metals, pesticides, and PCBs to TOGS 1.1.1 groundwater standards. The results of this comparison to applicable standards are detailed below:

- Surface Soil - VOC concentrations for surface soil (i.e., 0 to 2 inches bgs) were below the NYSDEC Subpart 375-6 SCOs for Unrestricted Use at the borings sampled. SVOC, metal, PCB, and pesticide concentrations were below the SCOs for Commercial Use, with the exceptions of benzo(a)pyrene



(potentially resulting from asphalt paving and/or the adjacent active rail line) and the metals cadmium and nickel.

- Subsurface Soil - VOC concentrations from subsurface soil samples collected from borings during the RI and SRI were below the SCO for Unrestricted Use, with the exception of acetone and methylene chloride (common laboratory contaminants) at two direct push technology (DPT) borings: DPT8 2A and DPT8-2B, both located south of Plant 1. VOC concentrations from one confirmation sample collected from the bottom of the historic IRM (B-1A) had seven compounds exceeding Unrestricted Use SCOs (all seven compounds were below Commercial Use SCOs). SVOC, pesticide and PCB concentrations from subsurface soil samples were all below Unrestricted Use SCOs. Regarding metals, only mercury, copper, and cadmium exceeded SCOs for Commercial Use. These exceedances occurred at two borings: DPT8-1A and DPT8-2A.
- Groundwater - Analytical data for groundwater samples collected from the shallow and deep overburden wells during the RI and SRI identified the presence of VOCs exceeding TOGS 1.1.1 groundwater standards. Refer to **Figure 5** and **Figure 6** for the RI/SRI total VOC (TVOC) contaminant concentration contours for shallow and deep overburden, respectively. There were no exceedances of TOGS 1.1.1 groundwater standards in the bedrock groundwater. The most frequently detected VOCs were trichloroethene (TCE) and its decomposition product cis-1,2-dichloroethene (cis-1,2-DCE). Refer to **Figure 7** and **Figure 8** for the RI/SRI TCE contaminant concentration contours for shallow and deep overburden respectively. The greatest VOC concentrations were detected in the area of the previously-excavated source area during the 2005 IRM. At perimeter wells, VOCs were either not detected or were detected at concentrations below or slightly above TOGS 1.1.1 groundwater standards for TCE. See **Appendix A** for a summary of groundwater VOC data collected during the RI, SRI, and subsequent quarterly and semi-annual monitoring, and **Appendix B** for trend plots illustrating concentrations of COCs over time which include 1,1,1-trichloroethane (1,1,1-TCA), 1,1,2-trichloroethane (1,1,2-TCA), 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), 1,2-dichloroethane (1,2-DCA), tetrachloroethene (PCE), TCE, cis-1,2-DCE, and vinyl chloride (VC). Per a NYSDEC comment letter dated August 23, 2019, cis-1,2-DCE was added as a Site COC. SVOCs in groundwater were below TOGS 1.1.1 groundwater standards. Three naturally occurring metals (iron, magnesium, and sodium) were detected in groundwater above TOGS 1.1.1 groundwater standards. No PCBs were detected, and only one pesticide was tentatively detected in one groundwater sample at a concentration greater than TOGS 1.1.1 groundwater standards. Refer to the Alternatives Analysis Report (AAR) (AECOM, April 2015) for groundwater VOC, SVOC, metal, and PCB/pesticide data.
- Storm Sewer Catch Basins - A storm sewer with several catch basins is present in Area 1; refer to **Figure 3** for the location of the storm sewer system. VOCs were detected within storm sewer catch basins located on the Site and from water within the storm sewer pipe bedding. Groundwater is present above the storm sewer piping; refer to **Appendix A** for a summary of storm sewer VOC data from CB-1 and for temporary piezometer water sample data that was collected from within the storm sewer pipe bedding gravel near catch basin CB-1 at temporary piezometer TP-5 and approximately 130 ft to the north at TP-6.
- Soil Vapor - Based on the evaluation of the data against the decision matrices, a vapor intrusion condition is not present at the Site, and indoor air quality has not been adversely impacted by the presence of the adjacent groundwater plume. However, per a June 1, 2012 letter from the NYSDEC to Scott Figgie LLC, the New York State Department of Health (NYSDOH) considered this Site to be a significant threat due to elevated concentrations of VOCs in sub-slab soil vapor, and the potential for this vapor to impact indoor air. Refer to the AAR (AECOM, September 2015) for air sampling data, for vapor data compared to 2006 NYSDOH guidance values, and for the United States Environmental Protection Agency (USEPA) 2001 Building Assessment and Survey Evaluation database indoor air values, respectively.

#### 2.2.3.6 Soil Vapor Intrusion Evaluation

Based on NYSDEC comments on the draft AAR (AECOM, April 2013), AECOM completed a targeted soil vapor intrusion (SVI) investigation for the Site in July 2013. The purpose of that SVI investigation was to

assess whether soil vapor on the Site in the vicinity of a nearby residence at 205 Erie Street contained chlorinated VOCs (CVOCs), and if so, were they detected at concentrations sufficiently elevated to represent a potential indoor air quality issue for the nearby buildings (AECOM, August 2013). A second investigation and report was completed in September 2013 to follow up on one TCE detection in soil vapor above the method detection limit. Both groundwater and soil samples were collected hydraulically downgradient of Area 1, between the facility and the 205 Erie Street residence. The samples focused on seven CVOCs that, per NYSDOH guidance values, were considered as part of an SVI analysis for the residence: 1,1,1-TCA; cis-1,2-DCE; VC; 1,1-DCE; carbon tetrachloride; PCE; and TCE.

No CVOCs listed above were reported in any of the soil or groundwater samples. Acetone was reported in one soil sample at 12 micrograms per kilogram. Acetone was also reported in five of the six groundwater samples and in the trip blank. The only other VOC reported was 2-butanone (methyl ethyl ketone) at 4.1 micrograms per liter (µg/L). AECOM reviewed historical soil, groundwater, soil vapor, and stormwater data from the northern portion of the Area 1 Site to assess the potential relationship between the low level TCE concentration reported in SV-1 in July 2013 and the Area 1 contamination. The collective data did not identify a clear relationship between the two that would warrant further SVI sampling at the residential property. Multiple media were evaluated. The property boundary between AVOX (which includes the Site) and 205 Erie Street does not appear to be impacted by the BCP Site (AECOM, October 2013).

#### **2.2.3.7 Interim Remedial Measures – 2014**

During a conference call between NYSDEC, Scott Figgie LLC, AECOM, and AVOX representatives on February 28, 2014, the NYSDEC recommended moving forward with the BCP cleanup in advance of an approved Final AAR by completing four IRMs to address soil and selected groundwater impacts at the Site. They included:

- Excavation and off-site disposal of shallow soils impacted by metals (cadmium, copper and nickel);
- Excavation and off-site disposal of subsurface soils impacted by VOCs in some locations;
- Grout sealing on-site storm sewer joints to prevent groundwater infiltration, and installation of impermeable plugs across the pipe bedding to prevent migration of groundwater; and
- Mitigation of SVI concerns at the AVOX boiler room (the only structure within Area 1 that is occasionally occupied).

Those four IRMs were described in an IRM Remedial Action Work Plan (RAWP) dated June 4, 2014 (AECOM). On August 14, 2014, NYSDEC provided approval to begin the described work per the 2014 IRM RAWP.

##### **2.2.3.7.1 Soil Excavation and Storm Sewer Interim Remedial Measures**

The 2014 IRM activities were initiated on September 8, 2014. The soil excavation and storm sewer IRMs were completed during October 2014. Metals-impacted soil was excavated to 1 ft bgs in the vicinity of MW-41B, with all confirmatory samples passing metal Commercial Use SCOs for the target parameters. Confirmation soil samples were collected from the excavation sidewalls and bottoms. Soil was excavated to 2 ft bgs in the vicinity of DPT8-1 and DPT8-2. Following the initial excavation, an additional 2 ft wide by 2 ft deep excavation occurred on the south side wall of DPT8-1 and on the north side wall of DPT8-2, until sample results were below Commercial Use SCOs. Following receipt of passing sample confirmation data, and with concurrence from the NYSDEC, the excavated areas were backfilled with imported soil that met NYSDEC Unrestricted Use SCOs and restored to pre-excavation conditions. Each excavation remained open until receipt of soil analytical results determined that confirmation soil samples were below respective SCOs, and the NYSDEC issued approval to discontinue excavation.

VOC concentrations from soil confirmation bottom samples collected in 2005 following an IRM soil excavation were found to be in exceedance of the Unrestricted Use SCO. These samples were collected at or below typical shallow overburden groundwater depths. The concentrations of 1,1-DCE, cis-1,2-DCE, ethylbenzene, toluene, 1,1,1-TCA, TCE, and total xylenes exceeded NYSDEC Subpart 375-6 Unrestricted Use SCOs. An initial horizontal excavation limit was established following the same footprint

of the previously excavated area (approximately 14 ft by 18 ft, by 6 ft deep). The 2014 IRM scope was to remove the top 0 to 6 ft of previous clean fill and excavate material from 6 to 8 ft bgs. Elevated Photoionization Detector (PID) headspace readings on side wall and bottom samples were observed following excavation of the 6 to 8 ft bgs interval and reported to NYSDEC. Due to the depth of observed elevated PID readings and below-average shallow groundwater elevations, an additional 2 ft of soil was removed from the side walls (where physical constraints allowed) and from the bottom of the excavation. Characterization samples from the side walls and bottom of the excavation were collected and resulted in VOC detections exceeding Unrestricted Use SCOs. Refer to the 2014 IRM Construction Completion Report (CCR) for characterization sample results and for the location of the VOC IRM. With approval from the NYSDEC, no further excavation of soil took place; impacts were left in place to be addressed as part of the groundwater IRM, since all impacted material was below the water table. Prior to backfilling, and with approval from the NYSDEC, 270 pounds of Kloxur® CR (engineered calcium peroxide) was placed on the bottom of the excavation area and mixed with the small amount of groundwater that had accumulated in the excavation. Fill from the 2005 IRM and imported fill in compliance with NYSDEC DER-10 was used to backfill the excavation areas created for this IRM.

Following the completion of the IRMs in October 2014, AECOM submitted a draft IRM CCR on February 15, 2015, describing those 2014 IRMs. The 2014 IRM CCR was written in compliance with DER-10 Section 5.8, Construction Completion Report and Final Engineering Report, and summarized these IRM activities. The Final 2014 IRM CCR (AECOM, March 2015) was approved by NYSDEC on March 27, 2015.

#### 2.2.3.7.2 Sub-slab Soil Vapor Interim Remedial Measure

On November 4, 2014, AECOM and NYSDEC inspected the concrete floor of the boiler room, and AECOM sealed visible floor cracks with concrete caulking. In addition, the annulus between a drain line effluent and the associated floor penetration and foundation perforations were sealed with expanding foam. Two other foundation perforations (drains) were observed and temporarily plugged with modelling clay just prior to a sampling event. The floor drains appeared to discharge to the bedding gravel beneath the concrete floor slab. On December 24, 2014 one sub-slab vapor sample, one indoor vapor sample, one ambient (outdoor) air sample, and an associated quality assurance / quality control (QA/QC) sample were collected from the boiler room building at AVOX Plant 1, to determine if CVOCs were currently at indoor concentrations sufficiently elevated to trigger a need for mitigation activities. The December 2014 indoor air sample did not detect any CVOCs listed in the NYSDOH Guidance document. The 2014 sub-slab vapor sample detected 1,1,1-TCA, cis-1,2-DCE, 1,1-DCE, PCE, and TCE. According to the NYSDOH decision matrices, PCE and TCE concentrations triggered an action of 'monitor' only, while the 1,1,1-TCA, cis-1,2-DCE, and 1,1-DCE concentrations were below an action level. Low concentrations of 1,1,1-TCA, cis-1,2-DCE, and TCE were detected in the ambient (outdoor) air sample. The sealing of floor cracks and foundation perforations decreased the concentrations in the indoor air samples and lowered the action level from 'mitigation' to 'monitoring' (AECOM, January 2015).

#### 2.2.3.7.3 Groundwater Interim Remedial Measure

In 2014, an IRM pre-design investigation utilizing a combined membrane interface probe (MIP) and hydraulic profiling tool (HPT) was performed in Area 1; refer to **Figure 9** for MIP locations. That pre-design investigation was performed in accordance with the NYSDEC-approved MIP/HPT and Baseline Sampling Work Plan (AECOM, October 2014).

On November 24-25, 2014, 11 borings were completed throughout the groundwater plume in Area 1 to a depth of 20 ft bgs, with the objective of verifying the distribution of VOC COPCs within that area. The MIP/HPT was used to capture data at continuous depths at each boring.

The 3D Imaging Summary, MIP/HPT Boring Summary, and MIP Data Cross Section figures summarized the field activities and results of the MIP/HPT analysis. Halogen specific detector (XSD) data were used as the prime indicator of CVOC impacts, as they are highly sensitive to CVOCs compared to the other data collection methods. Within the investigated zones, target treatment depths were identified using K data provided by the HPT analysis. The MIP/HPT results were generally consistent with the RI groundwater data collected from June 2010 through June 2011. The data indicated that there were lower

VOC concentrations present in the northern portion of the Site and that, where present, they were limited to the upper 14 ft of the overburden. In the southern portion of the Site, VOC concentrations were greater and also present in significant concentrations throughout the entire depth of the soil borings, with the 5-15 ft bgs region exhibiting the highest XSD response. In addition to MIP-8 located in the center of the groundwater plume, the easternmost and westernmost boring locations, MIP-1 and MIP-11, showed the highest VOC concentrations.

Remedial activities for the groundwater IRM were described in the Final Remedial Action Work Plan - 2015 Interim Remedial Measures - Groundwater Treatment (2015 IRM RAWP) (AECOM, March 25, 2015). On April 10, 2015 the NYSDEC provided approval to begin the described work per the 2015 IRM RAWP; the groundwater injections commenced in April 2015 and were completed in May 2015. In accordance with the AAR and the 2015 IRM RAWP, the remedial approach to address VOCs in Site groundwater was in-situ enhanced reductive dechlorination (ERD) via direct-push injections of Anaerobic Biochem (ABC®) with zero valent iron (ZVI), i.e., ABC+®. Per the 2015 IRM RAWP, the treatment area was divided into two target depth zones: a 12,600 sq ft shallow injection zone and a 20,025 sq ft deep injection zone. In general, the shallow zone was defined as groundwater from 5 to 15 ft bgs, and the deep zone as groundwater from 15 to 25 ft bgs.

A total of 41 of the 47 planned injection point locations were successfully completed in the “shallow only” zone. Six of the 47 planned injection locations were not completed to avoid interference with utilities or as a result of observed breakthrough along the south and west sections of the injection grid. Approximately 23,370 pounds of ABC+® were injected to treat the shallow (only) zone at approximately 570 pounds of ABC+® per point. Mixed at approximately a 15 percent by weight (wt. %) solution, this resulted in approximately 16,000 gallons of solution. Each injection point received approximately 390 gallons, divided up among intervals that had the highest permeability.

A total of 79 of the 89 planned injection points were successfully completed in the combined “shallow and deep” zone. Ten of the 89 planned injection locations were not completed to avoid interference with utilities or as a result of observed breakthrough along the south and west sections of the injection grid. Approximately 59,800 pounds of ABC+® was required to treat the shallow and deep zone at 757 pounds of ABC+® per point. Mixed at approximately a 15 wt. % solution, this resulted in approximately 40,300 gallons of solution. Each injection point received approximately 510 gallons, divided up among intervals that had the highest permeability.

Additional injection points were completed adjacent to the storm sewer system to reduce VOCs in the vicinity of the sewer pipe and to apply treatment into the storm sewer pipe bedding. Injection points were performed approximately five to six ft offset (upgradient) from the storm sewer line to establish a biobarrier that groundwater must flow through before entering the storm sewer bedding. Injection locations within the footprint of the TVOC plume that were adjacent to the storm sewer also addressed the storm sewer bedding. Injections associated with the storm sewer bedding were completed between 4 and 6 ft bgs. To protect the existing subsurface utility, injections immediately adjacent to the storm sewer consisted of only ABC® (without ZVI). One location received the planned 390 gallons of injectate; two other locations received only 50 gallons each to limit the volume of injectate breaking through to the ground surface.

The final 2015 IRM CCR describes work completed to remediate VOCs in Site groundwater (AECOM, August 12, 2015). Refer to **Figure 9** for the 2015 IRM injection zone details.

#### 2.2.3.8 Supplemental Groundwater Injection

On May 15, 2019, NYSDEC approved the 2019 Supplemental Injection Work Plan (AECOM, May 10, 2020). Between May 20, 2019 and May 22, 2019, AECOM and subcontractor Matrix Environmental Technologies, Inc. (Matrix) and their teaming partner Redox completed the supplemental groundwater injection event using ABC-Ole® and ZVI.

ABC-Ole® is an emulsified fatty acid product designed to address anaerobic bioremediation sites. It is a modified blend of ABC®, which contains a high fatty acid content ranging from 50-85% ABC®. The addition of ZVI to the ABC-Ole® immediately provides a large drop in oxidative reduction potential in the



surrounding groundwater which is conducive to biotic reductive dechlorination. The ZVI also promotes an abiotic reductive dechlorination process where the degradation of the targeted groundwater VOCs occurs via the  $\beta$ -elimination pathway. This pathway does not create the degradation intermediates cis-1,2-DCE and VC which are produced via the biotic reductive dechlorination pathway, and it also does not rely on the presence of *dehalococcoides* to achieve complete VOC destruction.

The combined ABC-Ole<sup>®</sup> and ZVI mixture was specifically designed to remediate impacted groundwater in an approximate 6,750 sq ft area within the approximate 1,000  $\mu$ g/L TVOC shallow overburden zone contour (which also overlies the 1,000  $\mu$ g/L TVOC deep overburden zone contour). The area of injection encompasses the area around the most TVOC-impacted monitoring wells located on the Site: A1-GP02-S, A1-GP06-S, A1-GP10-S, MW-42S, MW-38D, and MW-40D. **Figure 10** depicts the 2019 supplemental injection area.

The injectate ABC-Ole<sup>®</sup>, mixed with ZVI, was injected at 30 locations using a DPT drill rig. Each injection point received approximately 240 gallons of injectate. The injectate was distributed at depth intervals 11, 14, 17, and 20 ft bgs, targeting the shallow and deep water bearing units, and was performed from a bottom to top sequence.

Approximately 7,500 pounds of ABC Ole<sup>®</sup> and 7,500 pounds of ZVI were injected to treat the approximately 10-foot-thick zone at approximately 500 pounds of ABC-Ole<sup>®</sup> and ZVI per point. Mixed at approximately a 20 wt. % solution, this resulted in approximately 7,200 gallons of solution. Each injection point received approximately 240 gallons, divided up among intervals that had the highest permeability.

#### 2.2.3.9 Storm Sewer Pipe Replacement

Per the NYSDEC-approved Storm Sewer Replacement Work Plan dated June 12, 2020, approximately 200 linear ft of storm sewer piping was replaced by Matrix in June of 2020 between CB-4 and CB-E, CB-E and CB-3, and CB-3 and CB-2 (refer to **Figure 3** for the location of catch basins). This work was performed based on the ongoing detections of VOCs in quarterly Site stormwater grab samples collected since the 2014 IRM was completed. This section of storm sewer piping was replaced with a new 12-inch diameter SDR35 solid PVC pipe with watertight joints. It was presumed that over time, shallow groundwater entered the storm sewer pipes through pipe joints that may not have been sealed or through previously sealed pipe joints and at catch basins that were no longer watertight.

The impermeable “plugs” along the sections of pipe that were removed during replacement of the storm sewer pipe were re-installed with a grout slurry prior to backfilling activities, to continue to potentially prevent VOC-impacted groundwater from migrating off-Site through the pipe bedding material. In addition, a non-shrinking concrete/grout was used at four catch basins (CB-2, CB-3, CB E, and CB-4) to seal the connections where the stormwater pipes enter and exit the catch basins.

During excavation activities, soils were scanned with a PID. Soils excavated between CB-E and CB-3 were observed to have elevated PID readings and were segregated and sampled for VOC and metals analysis. Per the analytical data and associated historic soil characterization data from the Site, the impacted soil was characterized as non-RCRA-regulated. Approximately 18.76 tons of soil was sent to Waste Management’s landfill in Chaffee, New York for disposal.

During backfilling of the pipe section between CB-E and CB-3 (where the impacted soil was observed), coarse ZVI (80 percent between 150 and 600 microns) was scratch mixed using an excavator with the backfill material placed from the bottom of the excavation to approximately 2 ft bgs (i.e., within the saturated groundwater zone). Due to the concentration of VOCs in groundwater in this area and the size of the excavation required to replace the stormwater pipe in this section (approximately 4 ft wide by 5 feet deep by 85 ft long), approximately 1,100 pounds or approximately 1.1 percent by weight of ZVI was used. The depth of soil to be treated by ZVI was approximately 3 ft since the top 2 ft of soil was above the water table, and vadose zone soil is not effectively treated by ZVI.

The removed sections of storm sewer pipe were decontaminated (i.e., soil was brushed and/or washed from pipe), cut to size, and placed in a roll-off box for disposal as municipal waste.

Following backfilling activities, the disturbed areas were restored in kind (i.e., crushed stone, asphalt, and grass seed depending on the pre-excavation conditions).

#### 2.2.3.10 Bioaugmentation Injection Program

On September 20 and 21, 2021, AECOM and subcontractor Matrix completed bioaugmentation injections using microbial culture KB-1® Plus and the KB-1® Primer supplied by SiREM. The bioaugmentation solution was injected into the subsurface via DPT injections, targeting either three or four discrete intervals ranging between 5 and 20 ft bgs depending on the location. Each injection point around locations A1-GP10-S/MW-40D 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 A1-GP06-S and MW-42S 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. Refer to **Figure 11** for injection locations.

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 less than -75 millivolts for ORP).

Injection flow rates for the injections ranged from approximately 3 to 12.5 gallons per minute. 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 the next interval following completion of the lower interval injection.

## 2.3 Remedial Action Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the Site to pre-disposal conditions to the extent feasible. At a minimum, the remedy must eliminate or mitigate all significant threats to the public health and the environment presented by the CVOCs and metals identified at the Site through the proper application of scientific and engineering principles.

The RAOs for the Site as listed in the Decision Document (NYSDEC, December 2015) are as follows:

### 2.3.1 Groundwater

- RAOs for Public Health Protection
  - Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
  - Prevent contact with, or inhalation of, VOCs from impacted groundwater.
- RAOs for Environmental Protection
  - Restore the ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
  - Prevent the discharge of COCs to surface water.
  - Remove the source of ground or surface water constituents of concern.

### 2.3.2 Soil

- RAOs for Public Health Protection
  - Prevent ingestion/direct contact with impacted soil.
  - Prevent inhalation of or exposure from contaminants volatilizing from soil.
- RAOs for Environmental Protection
  - Prevent migration of constituents that would result in groundwater or surface water contamination.

### 2.3.3 Soil Vapor

- RAOs for Public Health Protection
  - Mitigate impacts to public health resulting from existing, or the potential for, SVI into buildings at a site.

## 2.4 Contaminants of Concern

Eight COCs in groundwater have been determined through sampling associated with the RI and SRI. Per the Decision Document, Section 6.1.2 (NYSDEC, December 2015), a “contaminant of concern” is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all constituents identified on the Site are COCs. The groundwater COCs identified at the Site and their associated RAOs (Guidance or Standard Values) from TOGS 1.1.1 groundwater standards are listed below:

- 1,1,1-TCA – 5 µg/L
- 1,1,2-TCA – 5 µg/L
- 1,1-DCA – 5 µg/L
- 1,1-DCE – 5 µg/L
- 1,2-DCA – 0.6 µg/L
- \*cis-1,2-DCE - 5 µg/L
- PCE – 5 µg/L
- TCE – 5 µg/L
- VC – 2 µg/L

\*Per NYSDEC comment letter dated August 23, 2019, cis-1,2-DCE was added as a Site COC.

### 3. Groundwater Monitoring Program Summary

The following sections provide a summary of the groundwater monitoring program completed during the reporting period (April 12, 2024 through April 10, 2025); a comparison of the groundwater data collected from the October 2024 and April 2025 monitoring events to the COCs and historical groundwater analytical data; and conclusions regarding the monitoring completed and the resulting evaluations regarding remedial performance, effectiveness, and protectiveness.

#### 3.1 Groundwater Monitoring Activities

In accordance with the SMP and NYSDEC February 28, 2020 approval to change the groundwater monitoring frequency from quarterly to semi-annually, the groundwater monitoring program during the reporting period consisted of two comprehensive semi-annual monitoring events (October 2024 and April 2025). These sampling events, following the IRMs and the supplemental groundwater injections described in Sections 2.2.3.7 through Section 2.2.3.10, were conducted to determine the effectiveness of the groundwater remedy.

Semi-annual sampling was performed at 20 wells, two temporary piezometers screened in the storm sewer pipe bedding, and five on-site stormwater catch basins. Refer to **Figure 3** for the location of the sampling points.

Groundwater samples from the monitoring wells were analyzed for VOCs and total organic carbon (TOC). Seven monitoring wells (four shallow overburden and three deep overburden) were also sampled for monitored natural attenuation (MNA) parameters. The two temporary piezometers screened in the storm sewer pipe bedding, and five on-site stormwater catch basin, were analyzed for VOCs only. Groundwater analyses for VOCs, TOC, and MNA were performed by Eurofins Testing Northeast, LLC located in Amherst, New York. Two monitoring wells (MW-42S and A1-GP10-S) were sampled for volatile fatty acids (VFA) analysis in October 2024 and April 2025 as part of the post-bioaugmentation injection program. In addition, one monitoring well (MW-42S) was sampled in October 2024 and April 2025 to determine concentrations of dechlorinating bacteria (Dhc and *dehalobacter* [Dhb]) and reductive enzymes. Analysis was performed by SIREM located in Knoxville, Tennessee. The groundwater monitoring program is summarized in **Table 1**.

Monitoring of groundwater conditions at this Site includes both groundwater level measurements and groundwater sampling and analysis. The monitoring and laboratory data, including QA/QC samples, have been uploaded to the NYSDEC EQUIS database. In addition, groundwater purge data, water levels, and VOC, TOC, MNA, and microbial data from these two semi-annual events, as well as groundwater data collected prior to the IRMs, are summarized in **Appendix A**.

Groundwater samples were divided into three different groups based on historical analytical concentrations from individual wells: plume wells, downgradient wells, and upgradient wells (refer to **Table 2** for monitoring well and piezometer specifications). To the extent practical, wells were sampled from lowest to highest historical VOC concentrations. QA/QC samples including field duplicates, rinse blanks, and trip blanks were collected at the recommended rates stated in the SMP.

In accordance with the SMP, standard low-flow sampling procedures were followed. Each well was purged using a peristaltic pump with dedicated/disposable low-density polyethylene and silicone tubing. During purging, field parameters (pH, dissolved oxygen, ORP, specific conductance, turbidity, and temperature) were measured and recorded. Refer to **Appendix A** for the final field parameter readings that were recorded prior to sample collection from each well and to **Appendix C** for purge logs from the October 2024 and April 2025 groundwater monitoring events. Purging continued until field parameters had stabilized and/or between three and five well volumes had been purged. After purging was complete, groundwater samples were collected from the wells, with VOC samples being collected first.

Grab samples were collected from the catch basin and temporary piezometers screened in the storm sewer pipe bedding.



A discussion of the groundwater analytical results for the two semi-annual sampling events as well as a detailed discussion of the most recent monitoring event (April 2025) are presented below.

### 3.2 October 2024 and April 2025 Groundwater Elevation and Flow Direction

A comprehensive round of groundwater levels was measured from 20 Site wells and piezometers during the October 2024 and April 2025 sampling events. **Table 3** provides a summary of groundwater elevations measured on October 7, 2024 and April 4, 2025.

Two groundwater surface contour maps for the most recent event (April 2025) are provided. Shallow overburden groundwater surface contour elevations are presented in **Figure 12**, and deep overburden groundwater surface contour elevations are presented in **Figure 13**; note that the groundwater elevation from MW-30 was not included in the groundwater surface contour figures as this well is screened through both the shallow and deep groundwater overburden units. Groundwater elevations measured on April 4, 2025 from the shallow overburden ranged from 682.39 ft above mean sea level (AMSL) at MW-35S to 688.42 ft AMSL at MW-44. Groundwater elevations measured on April 4, 2025 from the deep overburden ranged from 681.35 ft AMSL at MW-35D to 685.99 ft AMSL at MW-40D. Based on these water level measurements, the groundwater beneath the Site indicates a northwesterly regional flow direction. This flow direction is most pronounced in the deep overburden, as the shallow overburden groundwater flow within Area 1 is significantly influenced by Site features such as the on-site stormwater system as described in Section 2.2.2.

### 3.3 October 2024 and April 2025 Groundwater Analytical Data

The October 2024 and April 2025 groundwater sampling events were the twenty fourth and twenty fifth comprehensive sampling event conducted at the Site since completion of the groundwater injection IRM in May 2015. VOCs detected in groundwater during the October 2024 and April 2025 sampling events are presented in **Table 4** and **Table 5**, respectively. Per NYSDEC in an email dated October 7, 2024, MW-35D and MW-36D were removed from the list of wells to be sampled. The analytical results are compared to the Site RAOs or groundwater criteria presented in TOGS 1.1.1 groundwater standards.

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 TOGS 1.1.1 groundwater standards from the October 2024 sampling event.

#### Groundwater Contaminants of Concern Summary of Results, October 2024

| VOCs Detected in Groundwater          | Concentration Range (µg/L) | Number of Detections | RAO/TOGS 1.1.1 Exceedances |
|---------------------------------------|----------------------------|----------------------|----------------------------|
| Chloroethane                          | 780 – 36,000               | 3                    | 3                          |
| 1,1-Dichloroethane*                   | 13 – 1,000                 | 3                    | 3                          |
| cis-1,2-Dichloroethene*               | 1.5 – 9,200                | 3                    | 2                          |
| Vinyl chloride*                       | 1.3 – 3,900                | 3                    | 2                          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 130                        | 1                    | 1                          |
| Toluene                               | 560                        | 1                    | 1                          |
| Ethylbenzene                          | 38                         | 1                    | 1                          |
| 1,1-Dichloroethene*                   | 30                         | 1                    | 1                          |
| Benzene                               | 1.6 – 2.1                  | 2                    | 0                          |
| Acetone                               | 18                         | 1                    | 0                          |
| 2-Butanone (MEK)                      | 13                         | 1                    | 0                          |
| Methylcyclohexane                     | 1.4                        | 1                    | 0                          |

Note: VOCs in the table above followed by an asterisk (\*) are Site COCs.

Twelve VOCs were detected in groundwater from the 16 monitoring wells and piezometers during the October 2024 sampling event (not including the five on-Site stormwater catch basins and two temporary piezometers screened in the storm sewer pipe bedding). Note, in error, MW-35S was not sampled in October 2024. Eight of the 12 VOCs detected exceeded either the Site-specific RAOs or the TOGS 1.1.1 groundwater standards at one or more wells. Site COCs were detected at four of the 16 wells sampled, all of which reflect a marked decrease in concentration of the parent VOCs (1,1,1-TCA, PCE and TCE) following the IRMs. **Figures 14 through 17** illustrate October 2024 contours for individual COCs which were detected in shallow overburden groundwater; no COCs (or VOCs) were identified in the deep overburden groundwater. **Figure 18** illustrates October 2024 contours for total CVOCs in shallow overburden groundwater.

In October 2024, the highest concentrations of VOCs in shallow overburden groundwater were detected at A1-GP02-S, A1-GP10-S and MW-42S. VC (3,900 µg/L) and cis-1,2-DCE (9,200 µg/L) were detected at A1-GP02-S, chloroethane (CA) was detected at A1-GP10-S (36,000 µg/L) and at MW-42S (5,500 µg/L), and 1,1-DCA was detected at A1-GP10-S (1,000 µg/L). There were no VOCs detected in deep overburden groundwater wells sampled in October 2024. In the shallow overburden groundwater, CA, VC, cis-1,2-DCE, and 1,1-DCA, exhibited the highest overall concentrations in groundwater, all of which are degradation products of 1,1,1-TCA, PCE, and/or TCE.

#### Groundwater Contaminants of Concern Summary of Results, April 2025

| VOCs Detected in Groundwater          | Concentration Range (µg/L) | Number of Detections | RAO/TOGS 1.1.1 Exceedances |
|---------------------------------------|----------------------------|----------------------|----------------------------|
| 1,1-Dichloroethane*                   | 0.59 – 580                 | 6                    | 4                          |
| Chloroethane                          | 1.4 – 40,000               | 5                    | 4                          |
| Chloroform                            | 9.1 - 350                  | 4                    | 4                          |
| cis-1,2-Dichloroethene*               | 4.4 – 5,200                | 3                    | 2                          |
| Vinyl chloride*                       | 0.91 – 2,200               | 4                    | 3                          |
| Acetone                               | 4.5 – 65                   | 2                    | 1                          |
| Toluene                               | 1,200                      | 1                    | 1                          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 360                        | 1                    | 1                          |
| Benzene                               | 0.57 - 0.61                | 2                    | 0                          |

Note: VOCs in the table above followed by an asterisk (\*) are Site COCs.

Nine VOCs were detected in groundwater from the 17 monitoring wells and piezometers during the April 2025 sampling event (not including the five on-Site stormwater catch basins and two temporary piezometers screened in the storm sewer pipe bedding). Eight of the nine VOCs detected exceeded either the Site-specific RAOs or the TOGS 1.1.1 groundwater standards at one or more wells. Site COCs were detected at three of the 17 wells sampled, all of which reflect a marked decrease in concentration of the parent VOCs (1,1,1-TCA, PCE and TCE) following the IRMs. **Figures 19 through 22** illustrate April 2025 contours for individual COCs which were detected in shallow overburden groundwater; one COC was identified in the deep overburden groundwater (1-1, DCA). **Figures 23 and 24** illustrate April 2025 contours for total CVOCs in shallow and deep overburden groundwater respectively.

In April 2025, the highest concentrations of VOCs in shallow overburden groundwater were detected at A1-GP10-S and MW-42S; CA was detected at A1-GP10-S (40,000 µg/L) and at MW-42S (12,000 µg/L), cis-1,2-DCE was detected at A1-GP02-S (5,200 µg/L), VC was detected at A1-GP02-S (2,200 µg/L) and

MW-42S (220 µg/L), and 1,1-DCA was detected at A1-GP10-S (580 µg/L) and at MW-42S (460 µg/L). The highest concentrations of VOCs in deep overburden groundwater were detected at MW-40D (CA at 390 µg/L); all other deep overburden groundwater wells sampled in April 2025 were non detect for VOCs. In the shallow and deep overburden groundwater, CA, VC, cis-1,2-DCE, and 1,1-DCA, exhibited the highest overall concentrations in groundwater, all of which are degradation products of 1,1,1-TCA, PCE, and/or TCE. Toluene was detected at only one well, MW-42S at 1,200 µg/L.

Historical trend plots for the wells sampled in October 2024 and April 2025 for concentrations of 1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, 1,2-DCA, cis-1,2-DCE, PCE, TCE, and VC are provided in **Appendix B**. As stated above, the VOC concentrations in groundwater continue to show a degradation trend both as a result of naturally occurring reductive dechlorination processes and as a result of the 2015 injection IRM, the 2019 supplemental groundwater injection program, and the 2021 bioaugmentation injection program.

Based on the October 2024 and April 2025 groundwater monitoring and piezometer well data, there were no detections of 1,1,1-TCA, PCE, or TCE. Overall, decreases in 1,1,1-TCA, PCE or TCE concentrations observed since the 2015 injection IRM continue to show reductions of VOC concentrations in overburden groundwater. This is most clearly demonstrated on the trend plots for monitoring wells MW-42S and MW-38D, and piezometers A1-GP02-S, A1-GP06-S and A1-GP10-S (refer to **Appendix B**).

Electronic copies of the analytical laboratory data package for the October 2024 and April 2025 sampling events are provided in **Appendix D** on a compact disc.

### 3.4 October 2024 and April 2025 Storm Sewer Catch Basin and Storm Sewer Pipe Bedding Analytical Data

VOC data collected from on-site storm sewer catch basins exhibited a decrease in CVOCs since the June 2020 storm sewer pipe replacement activity as well as following the IRMs, the 2019 supplemental groundwater injection program, and the 2021 bioaugmentation injection program. TVOC concentrations have decreased in all locations between April 2020 (pre-bioaugmentation injection) and the most recent April 2025 sampling event. Refer to **Table 6** for a summary of the VOC data collected between April 2020 and April 2025 at storm sewer catch basins.

Two temporary piezometers screened in the storm sewer pipe bedding (TP-5 and TP-6) were sampled for VOCs. TP-5 is located adjacent to CB-1 and TP-6 is located approximately 130 ft north (down-gradient) of CB-1. Between the October 2024 and April 2025 sampling events, no COCs were detected above the site-specific RAOs in TP-5 or TP-6. Refer to **Table 6** for a summary of analytical data collected at the two temporary piezometers between April 2020 and April 2025.

### 3.5 Comparison of April 2025 COCs in Groundwater with Pre-IRM Groundwater Analytical Data

Trend plots illustrating concentrations of COCs (1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, 1,2-DCA, PCE, TCE, and VC) in monitoring wells over time are provided in **Appendix B**. Because concentrations of TCE were historically the highest of the COCs detected at the Site, a discussion of historical and current TCE concentrations in groundwater at Site monitoring wells and piezometers is provided below.

In April 2025, TCE was not detected at any of the monitoring wells, however, TCE was detected at on-Site catch basins CB-1 (3.7 µg/L) and CB-2 (7.0 µg/L); TCE was not detected at CB-3, CB-4, CB-E or temporary piezometers TP-5 and TP-6.

Based on the substantial decreases in concentrations of TCE at locations with historical detections of TCE, the 2015 IRM injection of ABC+®, the 2019 supplemental groundwater injection of ABC-Ole® with ZVI, and the 2021 bioaugmentation injection program appear to be promoting the continual degradation of TCE. This decrease is most clearly demonstrated on the trend plots in **Appendix B** for monitoring wells A1-GP02-S (20,000 µg/L to below the detection limit), MW-42S (13,000 µg/L to below the detection limit), and MW-38D (11,000 µg/L to below the detection limit).

### 3.6 Monitored Natural Attenuation

To monitor the effectiveness of the injections over time, MNA parameters were collected from A1-GP06-S, A1-GP10-S, A1-GP18-S, MW-42S, MW-38D, and MW-40D. Results of the October 2024 and April 2025 MNA samples are summarized in **Table 7** and **Table 8**, respectively. Per **Tables 7** and **8**, the source area wells sampled for MNA parameters each show strong to adequate evidence for anerobic biodegradation of chlorinated organics to occur; wells outside the contaminant plume show limited to inadequate evidence for anerobic biodegradation of chlorinated organics. During the October 2024 and April 2025 groundwater sampling event, side-gradient/background well A1-GP18-S had a TVOC concentration of 0 µg/L, and downgradient wells MW-38D had TVOC concentrations of 0 µg/L.

The use of the ERD amendments ABC+® and ABC-Ole® 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 bioaugmentation injections using microbial culture KB-1® Plus and KB-1® Primer. Microbial analyses conducted for samples collected from MW-42S in October 2024 and April 2025 indicates that the necessary concentrations of bacteria such as Dhc species that can produce the enzymes VC Reductase (vcrA), BAV1 VC Reductase (bvcA), and TCE Reductase (tceA) remain present in the subsurface. Further discussion of these microbial results is presented in Section 3.8.2.

The stimulation of the native bacteria by the injection of ABC+® and extra nutrients in the presence of CVOCs in Site groundwater as well as by bioaugmentation have dramatically reduced the concentrations of the original parent CVOCs, TCE and 1,1,1-TCA, over time. The initial concentrations of known TCA degradation products (1,1-DCA and CA), as well as of TCE degradation products (1,2-DCE isomers and VC), suggest that reductive dechlorination of the chlorinated organic compounds present in Site groundwater is occurring as a result of the amendment injection events. Induction of reducing conditions by the injection of ABC+® accelerates the reductive dechlorination of parent CVOCs and increases the relative accumulation of degradation intermediates such as cis-1,2-DCE and VC before complete mineralization occurs. As the naturally more aerobic aquifer conditions return after treatment using ERD, VC oxidizing bacteria should increase and complete the dechlorination process to ethene followed by complete mineralization.

### 3.7 Total Organic Carbon

Samples were collected for TOC analysis to monitor the concentration of available carbon sources for the optimum microbial growth. Although TOC concentrations have decreased over time in the areas outside of the 2019 supplemental groundwater injection area (refer to **Figure 10**), locations within the 2019 supplemental groundwater injection area generally continue to exhibit elevated TOC concentrations as compared to background. A TOC concentration of 20 milligrams per liter (mg/L) is a common rule-of-thumb considered the minimum concentration of carbon necessary for effective reductive dechlorination to occur. The bioaugmentation event conducted at the site in September 2021 would not be expected to increase the concentration of TOC in the area targeted by the injections. The TOC detected is the result of natural organic carbon present in site groundwater and also from previous injections of an organic carbon substrate. The most recent organic carbon injection event conducted at the site was performed between May 20, 2019 and May 22, 2019 as described in Section 2.2.3.8. Refer to **Appendix A, Table 4** and **Table 5** for a summary of TOC concentrations for October 2024 and April 2025. Refer to **Figure 25** and **Figure 26** for shallow and deep overburden groundwater TOC plume figures respectively from October 2024 and **Figure 27** and **Figure 28** for shallow and deep overburden groundwater TOC plume figures respectively from April 2025.

### 3.8 Dechlorinating Bacteria Analysis

During the October 2024 and April 2025 groundwater sampling events, AECOM collected groundwater samples at MW-42S and A1-GP10-S, and submitted the samples to SiREM in Knoxville, Tennessee for analysis for VFA (MW-42S and A1-GP10-S) and Gene-Trac® analysis (MW-42S). The following sections

summarize the VFA and Gene-Trac® analyses. Electronic copies of the analytical laboratory data packages for the October 2023 and April 2024 sampling events are provided in **Appendix D**.

### 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 9**; the associated laboratory data reports are included in **Appendix D**.

Six VFAs were analyzed by SiREM during pre-bioaugmentation injection monitoring event activities conducted in August 2021, and subsequent post-injection bioaugmentation monitoring events have been conducted in December 2021, April 2022, October 2022, April 2023, October 2023, April 2024, October 2025, and April 2025.

In July 2023, a solution of approximately 20 grams of TersOX™ Nutrients-QR (a source of nitrogen and phosphorus to avoid nutrient limitations for biostimulation programs) and approximately 400 grams of EDS-QR™ (a soluble glycerol-based high hydrogen-content electron donor), remaining from the nearby 2023 West of Plant 2 electron donor injection program, was mistakenly added to A1-GP06-S, A1-GP10-S, MW-42S, and MW-40D. The NYSDEC Project Manager was immediately informed and multiple well volumes were purged from the wells in an effort to remove the injectate. Based on the mistaken introduction of EDS-QR™ into MW-42S and A1-GP10-S, a marked increase in the concentration of four (acetate, propionate, butyrate, and pyruvate) of the six VFAs was detected in both wells in October 2023. In reviewing the most recent results (April 2023) from before introduction of the EDS-QR™, the ABC-Ole® injected in May 2019 appears to have been expended. As such, a comparison of the October 2023 VFA results to the April 2025 VFA results with respect to the Dhc and Dhb present both naturally and as a result of the bioaugmentation event that occurred in August 2021 is provided below.

Lactate is a component of the EDS-QR™ that was mistakenly introduced into MW-42S and A1-GP10-S. Lactate ferments to the VFAs acetate and propionate. For MW-42S and A1-GP10-S, lactate was detected in October 2024 and not detected in April 2025. Because lactate is a fast-acting soluble component of EDS-QR™, it is likely that the lactate present had been used up by the time the April 2025 sampling event was conducted.

Acetate is fermented from lactate, EDS-QR™, and sugars. Dhb can use acetate as a low energy source while Dhc cannot use acetate as an energy source. Dhb is implicated in the biodegradation of chlorinated ethenes such as 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 CA. 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. In October 2024, acetate decreased to 457 mg/L and 806 mg/L in MW-42S and A1-GP10-S, respectively, as a result of the introduction of EDS-QR™. Acetate has increased to 660 mg/L in MW-42S and decreased to 593 mg/L in A1-GP10-S. The current concentrations of acetate in the vicinity of MW-42S and A1-GP10-S suggests that partial dechlorination by Dhb will continue in the future.

Propionate is fermented from lactate, EDS-QR™, and alcohols. Propionate subsequently ferments to produce hydrogen and formate. Hydrogen is the preferred electron acceptor for reductive dechlorination because of the 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 increased to 376 mg/L in MW-42S and decreased to 191 mg/L in A1-GP10-S, as a result of the introduction of EDS-QR™ in October 2023. In April 2025, propionate has increased to 389 mg/L and MW-42S and decreased to 105 mg/L in A1-GP10-S. The presence of detected propionate at both wells indicates that the EDS-QR™ introduced into these wells and that the quantity of Dhc and/or Dhb in the vicinity of these two wells is currently sufficient to produce a measurable quantity of propionate.



Formate is created from the fermentation of propionate. Formate is fermented to produce hydrogen and bicarbonate. Formate did not increase in October 2023, and it remains non-detect at MW-42S and 40 mg/L at A1-GP10-S. The fermentation of propionate to formate appears to be occurring at only A1-GP10-S.

Butyrate is created from the fermentation of EDS-QR™ and alcohols. Butyrate ferments to produce hydrogen and acetate. Slow fermentation of butyrate results in efficient reductive dechlorination (less methanogenesis) and optimal Dhc growth. In October 2024, butyrate was non-detect in MW-42S and decreased to 77 mg/L in A1-GP10-S as a result of the introduction of EDS-QR™. Butyrate has increased to 66 mg/L in MW-42S and decreased to 20 mg/L in A1-GP10-S. The results for butyrate indicate the same as described for propionate (i.e., the EDS-QR™ introduced into these wells and the quantities of Dhc and/or Dhb in the vicinity of these two wells are currently sufficient to produce a measurable quantity of butyrate).

Pyruvate is created from the fermentation of sugars. Pyruvate is subsequently fermented to propionate and acetate with some hydrogen production. Pyruvate was non-detect in MW-42S and A1-GP10-S, in October 2024 and April 2025.

Overall, the April 2025 VFA results for monitoring well MW-42S and A1-GP10-S indicate that the remaining TOC (690 mg/L and 171 mg/L, respectively) in the vicinity of these wells is sufficient to promote complete reductive dechlorination according to the general rule of thumb of 20 mg/L TOC. In October 2024, three VFAs were detected at MW-42S and five VFA's were detected at A1-GP10-S. In April 2025, three of the six VFAs were detected in MW-42S, and four of six VFAs were detected in A1-GP10-S. In all cases, the concentration of the remaining VFAs detected had generally decreased.

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 contain the greatest number of reductive dehalogenase functional genes of any microbial group. Dhc is capable of the reductive dechlorination of PCE, TCE, cis-1,2-DCE, 1,1-DCA, trans-1,2-DCE, and VC. Pre- and post-injection Gene-Trac® data are summarized in **Table 10**; the associated laboratory data reports are included in **Appendix D**.

Gene-Trac® samples from MW-42S were analyzed by SiREM during the pre-bioaugmentation injection monitoring event conducted in August 2021 and during subsequent post-injection monitoring events conducted 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 monitoring event concentrations with the most recent post-bioaugmentation injection sampling event performed in April 2025.

The post-injection Gene-Trac® Dhc results decreased from 5 - 13 % to 1.29% Dhc (increase from  $2 \times 10^8$  enumerations per liter in August 2021 to  $4.03 \times 10^8$  enumerations 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  $1 \times 10^7$  or higher, this concentration is generally associated with significant rates of dechlorination. An increase in the number of Dhc present in the surrounding aquifer was not observed as a result of the mistaken introduction of EDS-QR™.

Gene-Trac® vinyl chloride reductases (*vcrA* and *bvcA*) and TCE reductase (*tceA*) quantify 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 monitoring well MW-42S at  $3 \times 10^8$  gene copies per liter in the pre-injection sample and slightly decreased to  $1.15 \times 10^8$  gene copies per liter in the April 2025 post-injection sample collected. The *bvcA* reductase gene was detected in monitoring well MW-42S at  $2 \times 10^5$  gene copies per liter in August 2021 and increased to  $1.39 \times 10^6$  gene copies per liter in April 2025. The *tceA* reductase gene was detected in monitoring well MW-42S at  $2 \times 10^7$  gene copies per liter in August 2021 and increased to  $2.02 \times 10^8$  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 concentrations greater than or equal to  $1 \times 10^7$  gene copies per liter. In this case, Dhc, *vcrA*, and *tceA* were detected at greater than  $1 \times 10^7$  gene copies per liter. Therefore, the potential for complete dechlorination remains high, per the technical notes from SiREM. Additionally, VC stall is unlikely when *vcrA* greater than  $1 \times 10^7$  gene copies per liter, and ethene is detectable. At monitoring well MW-42S, ethene was detected at 17,000 µg/L and 1,600 µg/L in October 2024 and April 2025, respectively.

Gene-Trac® Dhb is used to detect Dhb in a groundwater sample. Dhb are implicated in the biodegradation of PCE and TCE to cis-1,2-DCE. The detection of Dhb provide evidence for complete dechlorination. Increasing concentrations of Dhb are indicative of increased potential for degradation. Dhb was detected at  $6 \times 10^6$  gene copies per liter in August 2021 and at  $2.24 \times 10^7$  gene copies per liter in April 2025. This is a substantial increase in the quantity of Dhb detected near MW-42S and is in the high quantity or concentration range for Dhb.

In summary, Dhc, *vcrA*, *bvcA*, and *tceA* are present at monitoring well MW-42S at concentrations that indicate the potential for complete dechlorination to occur. Additional time is needed to evaluate the overall impact of the September 2021 bioaugmentation event in conjunction with the mistaken introduction of EDS-QR™ into this well in July 2023.

### 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 CA) 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. During the October 2024 and April 2025 sampling events, the degradation products of TCE and 1,1,1-TCA were detected at their highest concentrations within the suspected source area near A1-GP02-S, A1-GP06-S, A1-GP10-S, MW-42S, and MW-40D, with most of these detections in groundwater located at wells A1-GP02-S, A1-GP06-S, A1-GP10-S, MW 42S, and MW-40D; refer to **Table 4** and **Table 5**.



## **4. Site Inspection**

This section describes the Site inspections, O&M tasks completed, and recommendations for improvements.

### **4.1 Boiler Room**

Inspections of the boiler room floor were performed concurrently during the October 2024 and April 2025 semi-annual groundwater sampling events as well as in July 2024 and January 2025. All previous repairs that were completed in November 2014 and November 2017 remain intact, and no additional cracks or perforations were observed. Note, as stated in the SMP, if the boiler room becomes occupied or its usage changes, additional treatment and/or control measures will need to be evaluated.

### **4.2 Monitoring Wells**

As per the SMP, Site monitoring wells were inspected during each of the semi-annual groundwater sampling events; no issues were observed regarding the condition of the wells. No O&M activities at the wells were needed.

## 5. Conclusions and Recommendations

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

### 5.1 Conclusions

1. Groundwater elevations measured on April 4, 2025 from the shallow overburden ranged from 682.39 ft AMSL at MW-35S to 688.42 ft AMSL at MW-44. Groundwater elevations measured on April 4, 2025 from the deep overburden ranged from 681.35 ft AMSL at MW-35D to 685.99 ft AMSL at MW-40D. Based on these water level measurements, the groundwater beneath the Site exhibits a northwesterly flow direction. This flow direction is most pronounced in the deep overburden, as the shallow overburden groundwater is significantly influenced by Site features (e.g., the stormwater sewer system and adjacent paved areas).
2. The groundwater analytical data indicate that the IRMs, the 2019 supplemental groundwater injection, and 2021 bioaugmentation injection were, and continue to be, successful in the continued attenuation of Site-related CVOCs.
3. The groundwater microbial analyses indicate that the necessary microbes, (Dhc and Dhb), and degradative enzymes (*vcrA*, *bvcA*, and *tceA*) are present in the shallow overburden in the vicinity of MW-42S at sufficient concentrations to promote complete reductive dechlorination.
4. VOC data collected from the on-site catch basins in April 2025 exhibited detections of CVOCs nominally above the Site-specific RAOs or TOGS 1.1.1 groundwater standards at CB-1, CB-2, and CB-E but continued to show a general decreasing trend in the concentration of COCs.
5. There were no CVOCs detected above the Site-specific RAOs or TOGS 1.1.1 groundwater standards in samples collected in April 2025 from the temporary piezometers screened in the storm sewer bedding.
6. Semi-annual monitoring data collected during the reporting period demonstrate that TOC concentrations in the areas targeted for injections, although decreasing in concentration, remain above pre-injection levels, and maintain conditions that promote microbial growth. The TOC results combined with the VFA results indicate that the ABC-Ole® injected in May 2019 is close to being expended or at a concentration that may limit reductive dechlorination in the future.
7. The boiler room floor crack caulking and drainpipe annulus seals (i.e., sub-slab mitigation controls) were inspected quarterly and did not need repair. No additional floor cracks or perforations in the floor were noted during the reporting period.

### 5.2 Recommendations

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

1. Continue quarterly inspections of the boiler room sub-slab mitigation controls.
2. Continue semi-annual inspections of the monitoring well network.
3. Perform semi-annual comprehensive groundwater sampling events (October 2025 and April 2026); refer to **Table 1** for a list of locations to be sampled and associated analyses.
4. Review and update the Site health and safety plan as necessary.

### 5.3 Proposed Monitoring and Compliance Sampling Schedule

The proposed schedule for groundwater sampling at the Site during the next reporting period includes semi-annual sampling of 18 wells, five on-site catch basins, and two temporary piezometers screened in

the storm sewer pipe bedding; refer to **Table 1** for a list of locations to be sampled and associated analyses.

It is anticipated that the next PRR will be prepared following receipt of laboratory analytical results for the April 2026 comprehensive groundwater sampling event and will include the results from groundwater sampling events scheduled for October 2025 and April 2026.

## 6. Evaluate Remedy Performance, Effectiveness, and Protectiveness

### 6.1 Institutional Controls and Engineering Controls Certification

As a component of the PRR requirement, included in **Appendix E** is the completed IC/EC certification form. An IC/EC certification form was distributed by NYSDEC on February 20, 2024. As the reporting period dates and PRR submittal date are incorrect and not consistent with previous reminder notices, NYSDEC directed AECOM to revise these dates on the IC/EC certification included in **Appendix E**. AECOM verified that the institutional and engineering controls listed below are being implemented and are in compliance with the February 20, 2024 IC/EC certification form.

Institutional controls include:

1. Groundwater Use Restrictions
2. Land Use Restrictions
3. Site Management Plan
4. Soils Monitoring Plan
5. Groundwater Monitoring Plan
6. IC/EC Plan

Engineering controls include:

1. None listed.

## 7. References

AECOM. August 2021. "Bioaugmentation Injection Work Plan, Former Scott Aviation Facility Area 1 BCP Site", NYSDEC Site Code No. C915233, Lancaster, New York".

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## Figures



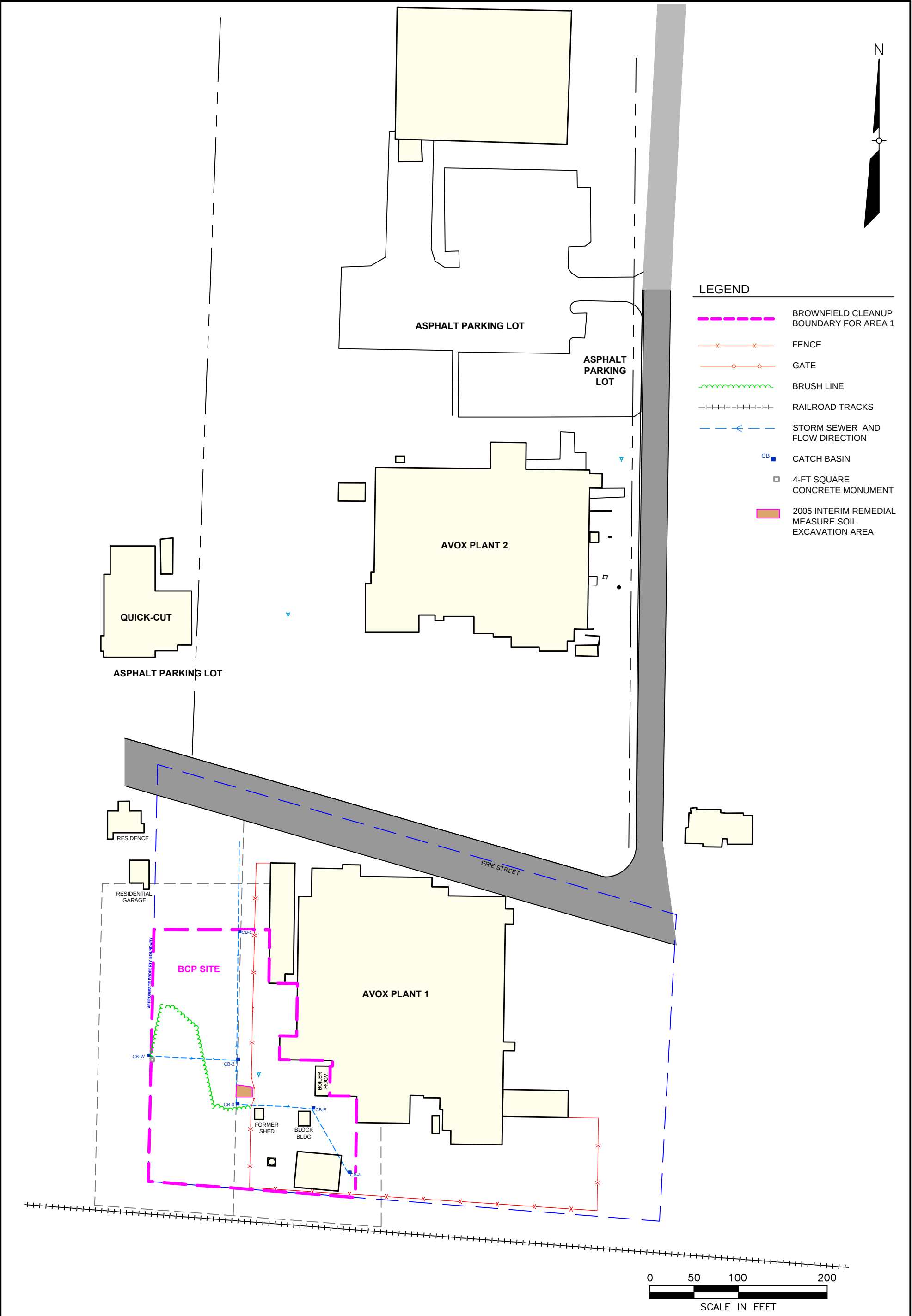
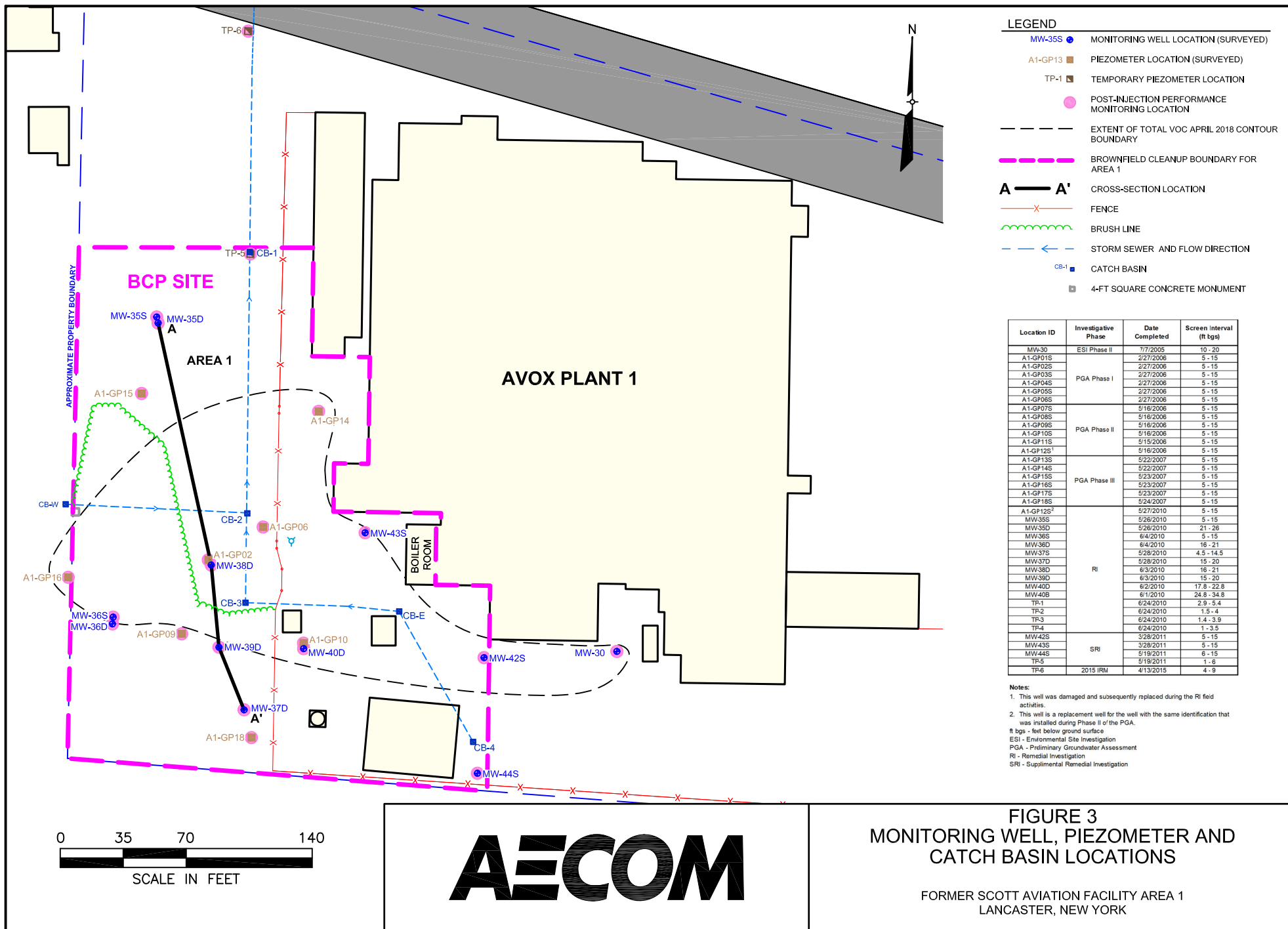


FIGURE 2  
SITE LAYOUT MAP

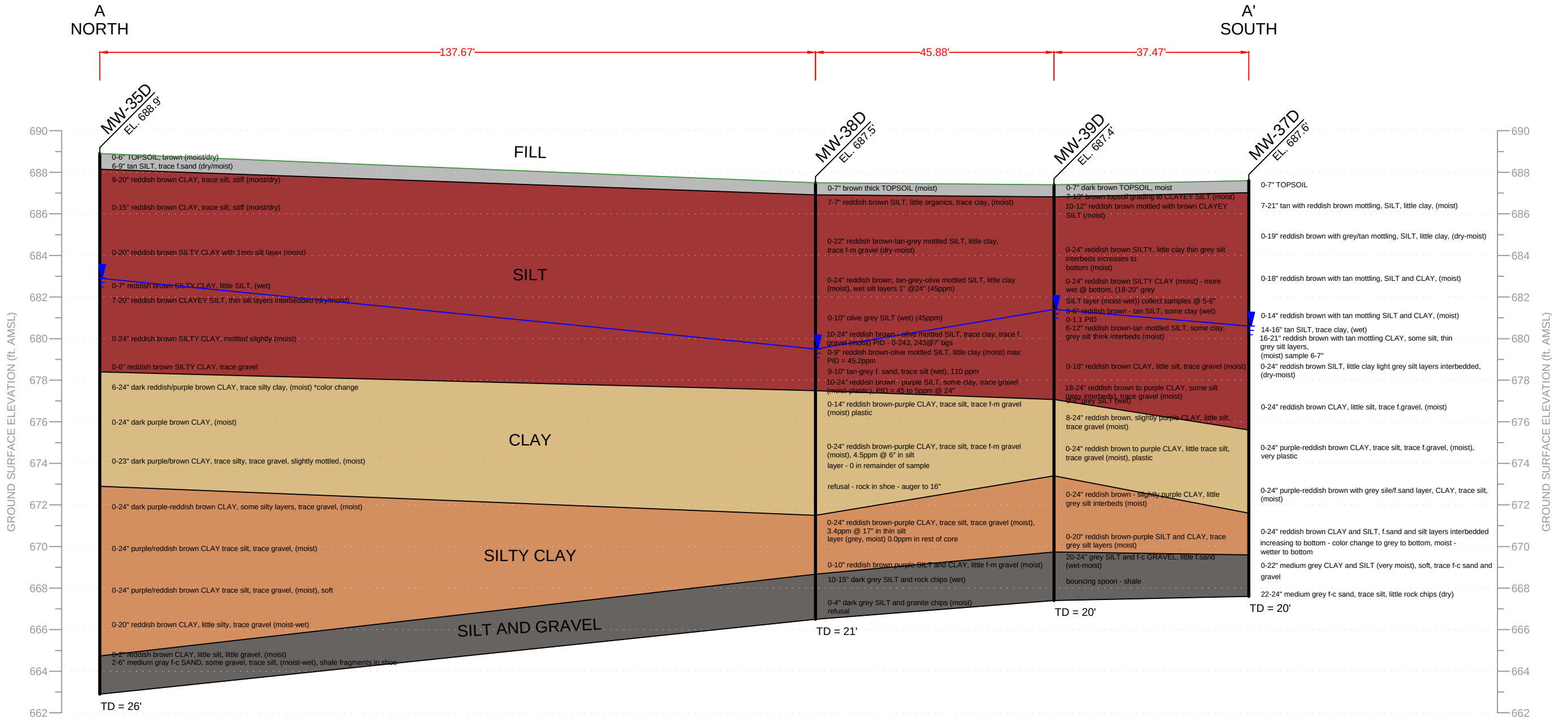
FORMER SCOTT AVIATION FACILITY AREA 1  
LANCASTER, NEW YORK





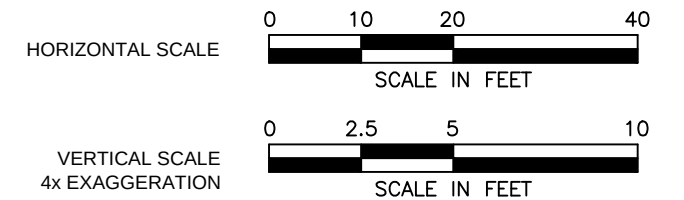
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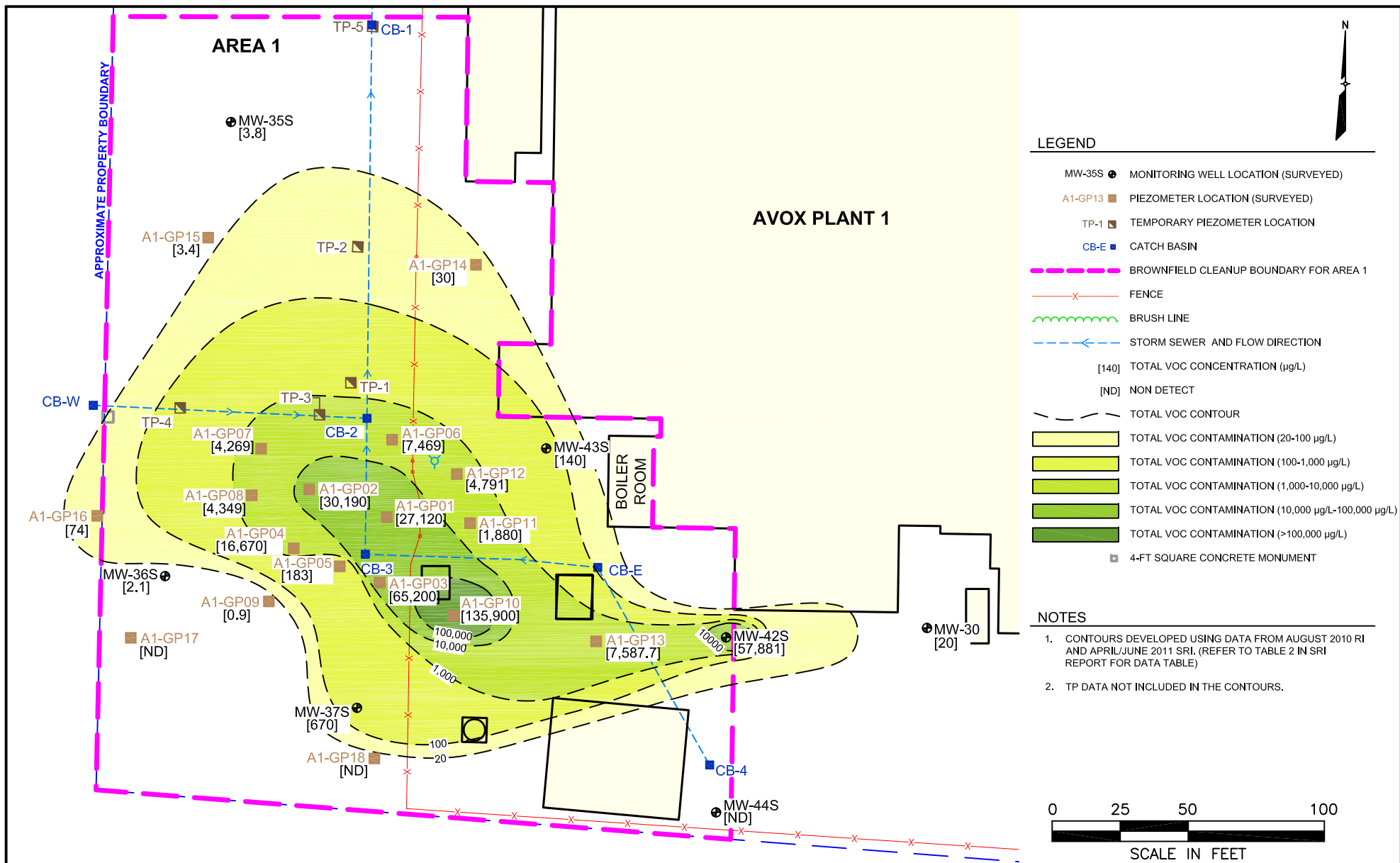
LEGEND:

- FILL
- SILT
- CLAY
- SILTY CLAY
- SILT AND GRAVEL
- TD = TOTAL DEPTH
- GROUNDWATER ELEVATION (ft AMSL)



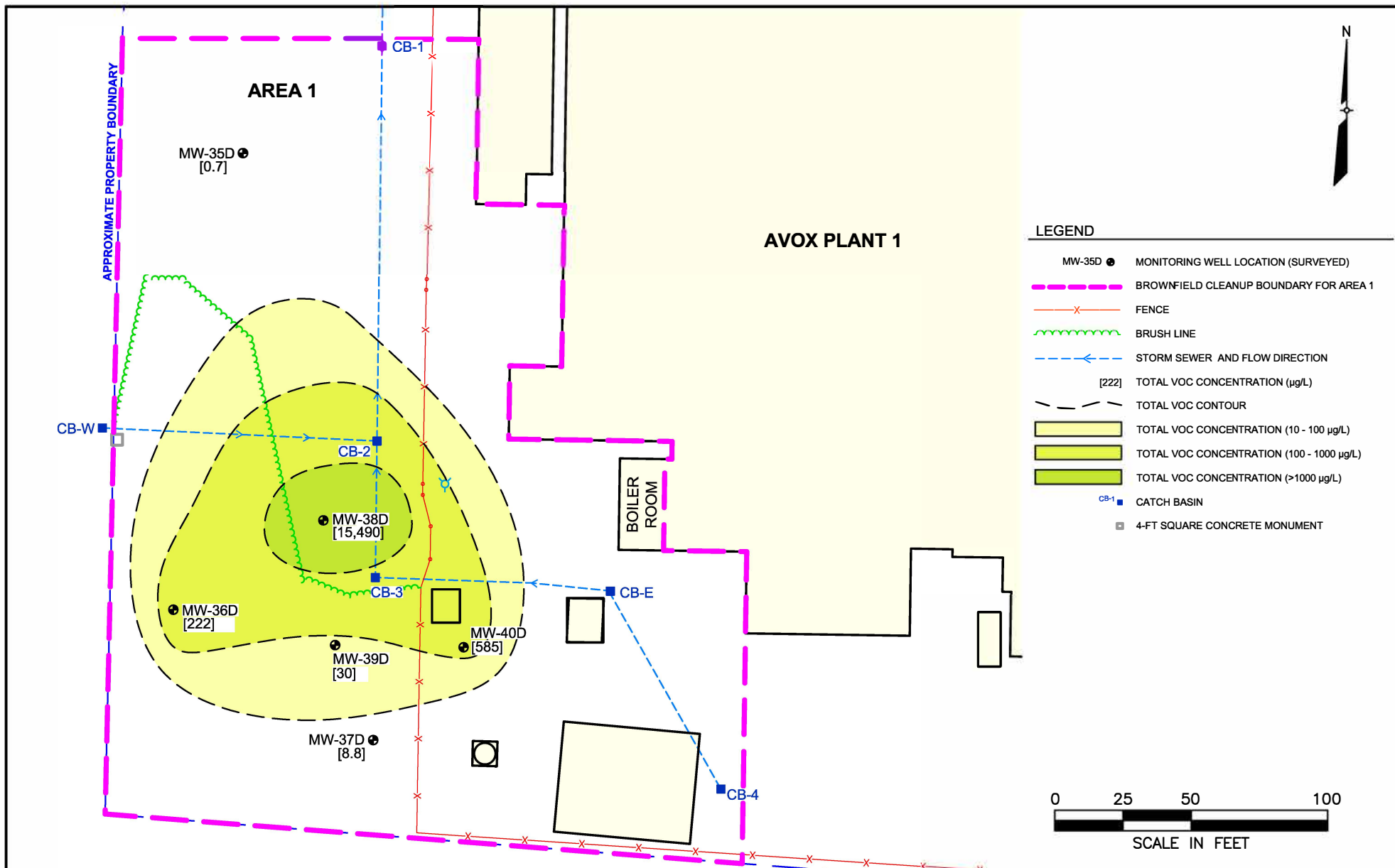
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FIGURE 4  
GEOLOGIC CROSS-SECTION  
FORMER SCOTT AVIATION FACILITY AREA 1  
LANCASTER, NEW YORK



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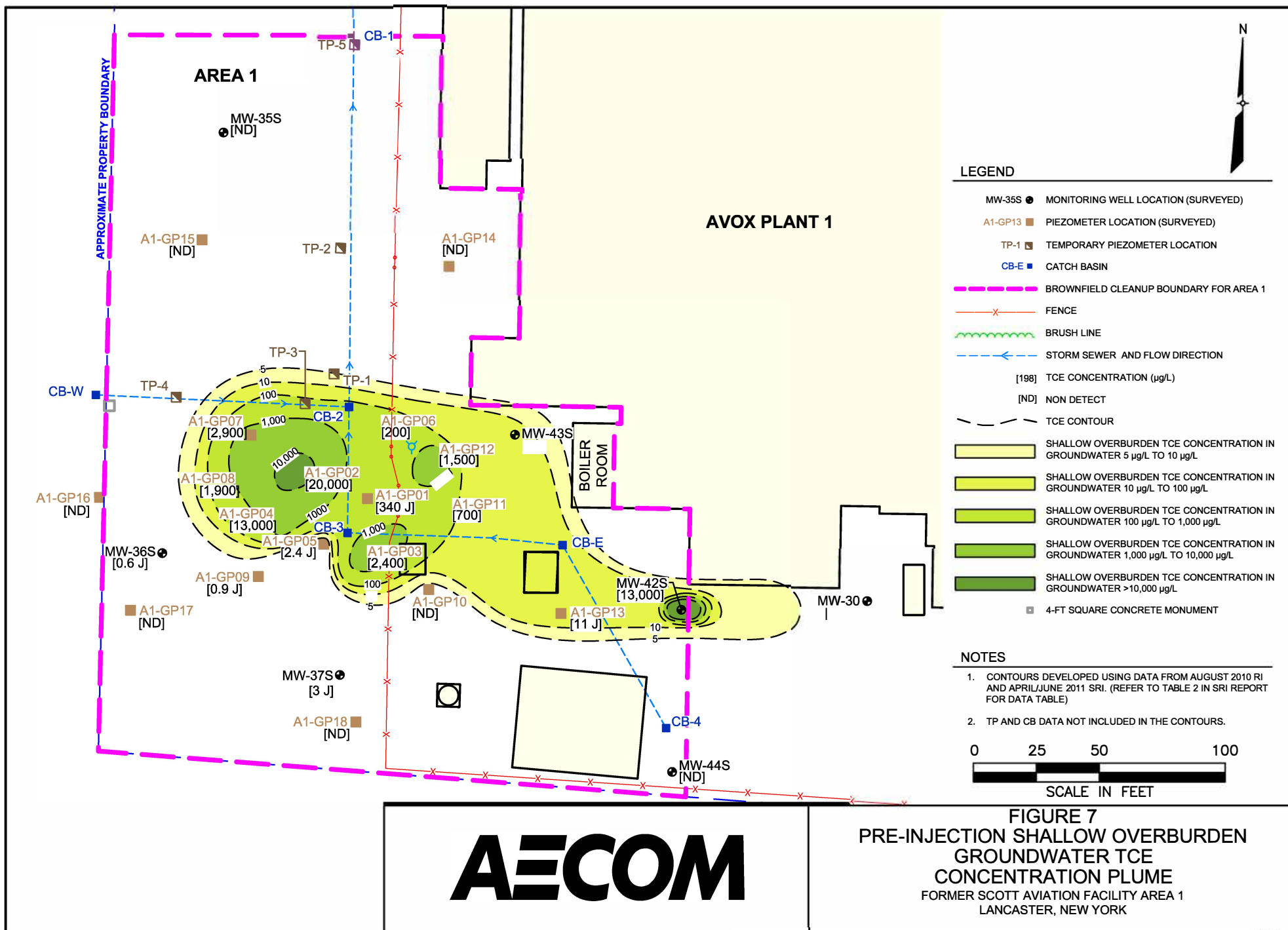
**FIGURE 5**  
**PRE-INJECTION SHALLOW OVERBURDEN**  
**GROUNDWATER TOTAL VOC**  
**CONTAMINANT PLUME**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK

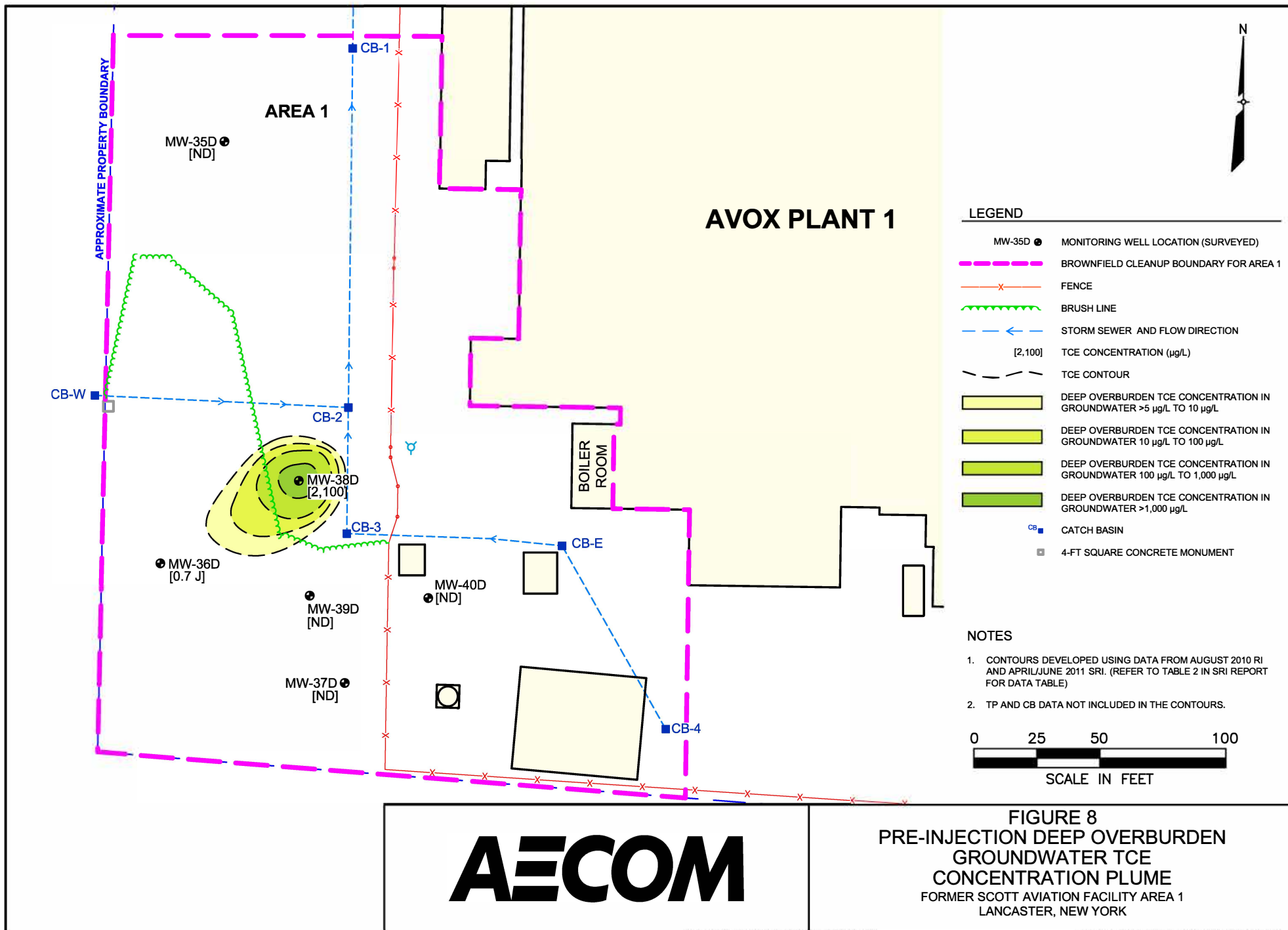


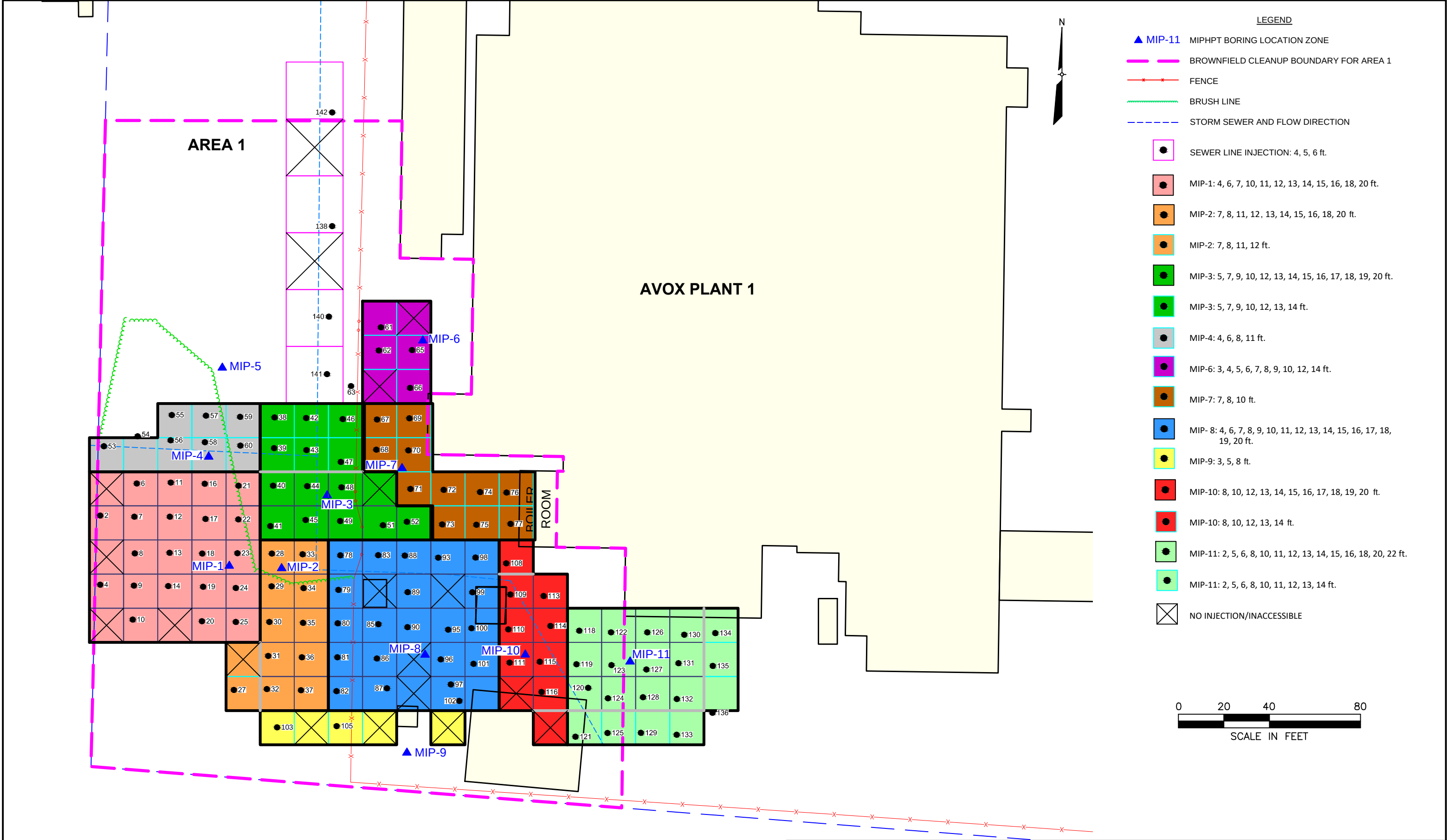
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**FIGURE 6**  
**PRE-INJECTION DEEP OVERBURDEN**  
**GROUNDWATER TOTAL VOC**  
**CONCENTRATION PLUME**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK





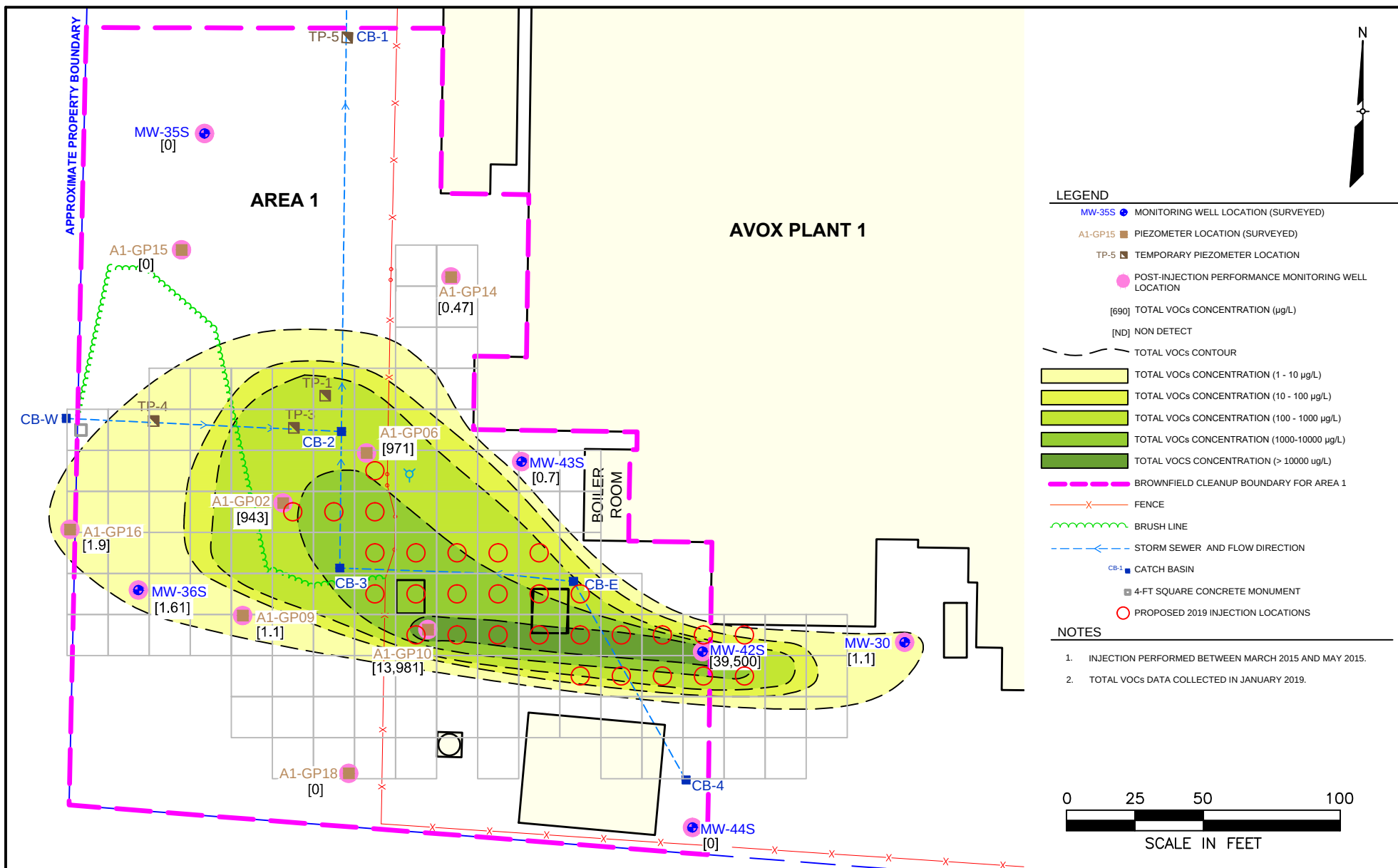




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**FIGURE 9**  
**2015 IRM INJECTION ZONE DETAILS**

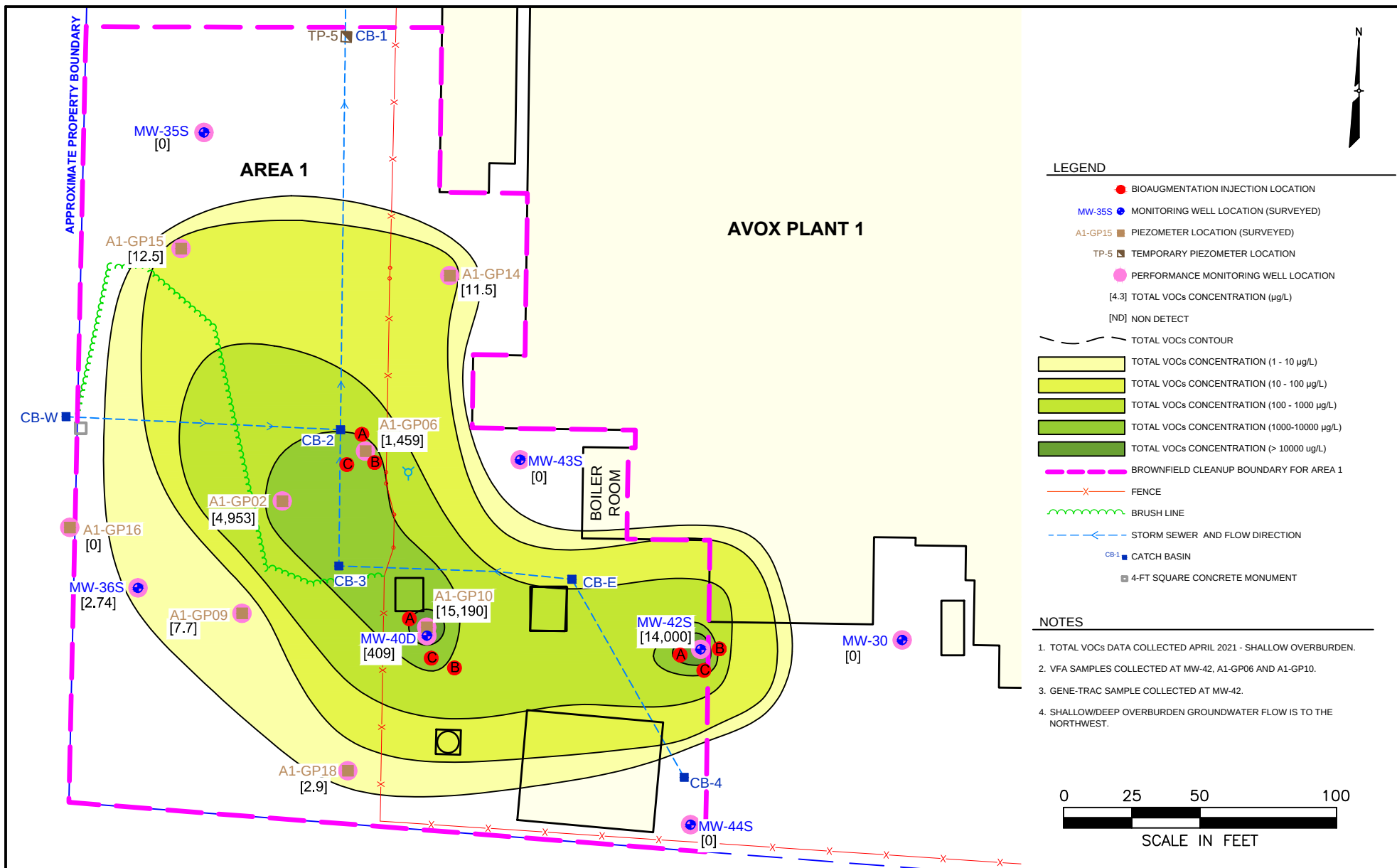
FORMER SCOTT AVIATION FACILITY AREA 1  
LANCASTER, NEW YORK



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**FIGURE 10**  
**2019 SUPPLEMENTAL GROUNDWATER**  
**INJECTION AREA**

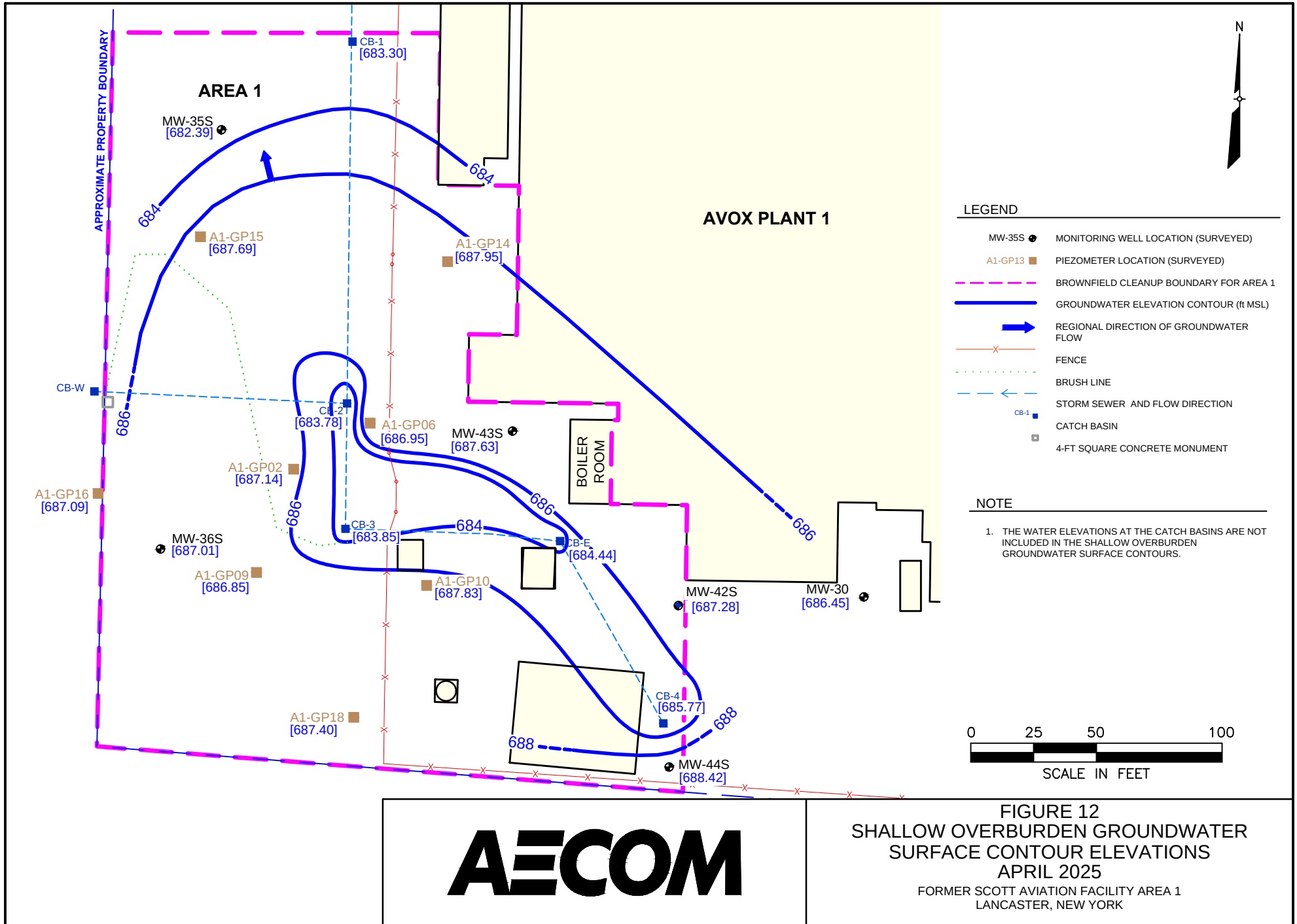
FORMER SCOTT AVIATION FACILITY AREA 1 LANCASTER,  
NEW YORK



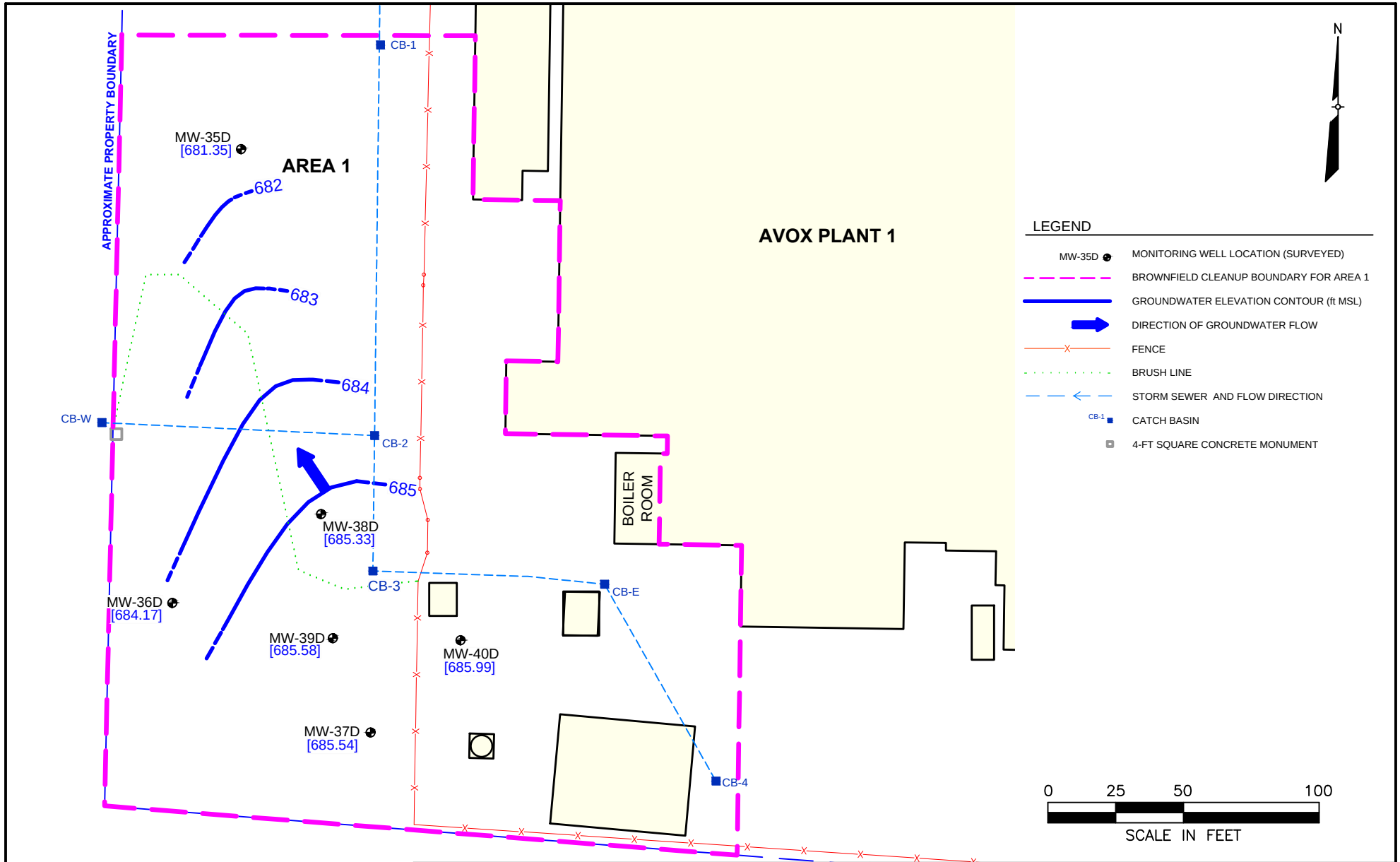
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**FIGURE 11**  
**2021 BIOAUGMENTATION INJECTION AREA**

FORMER SCOTT AVIATION FACILITY AREA 1  
LANCASTER, NEW YORK

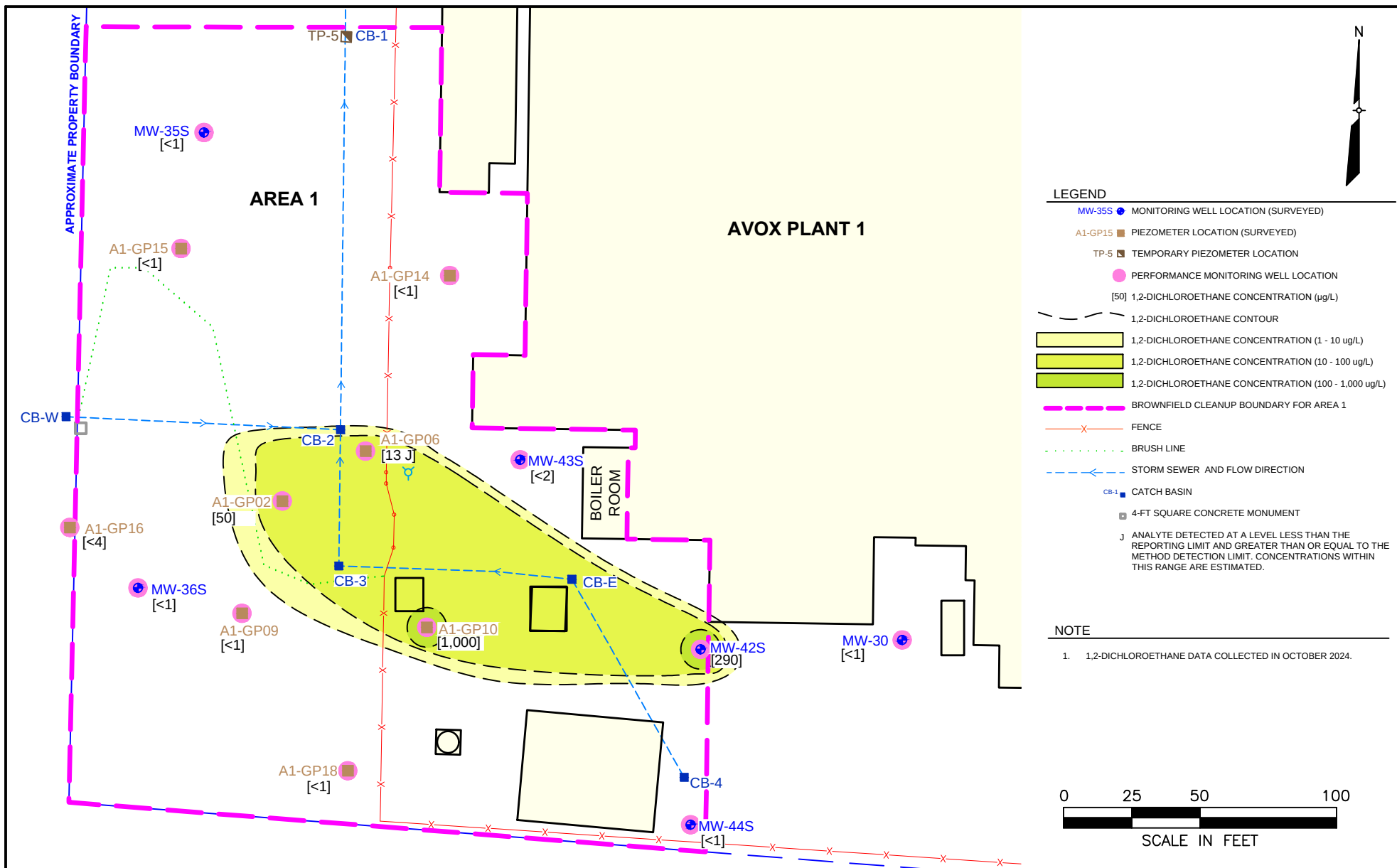






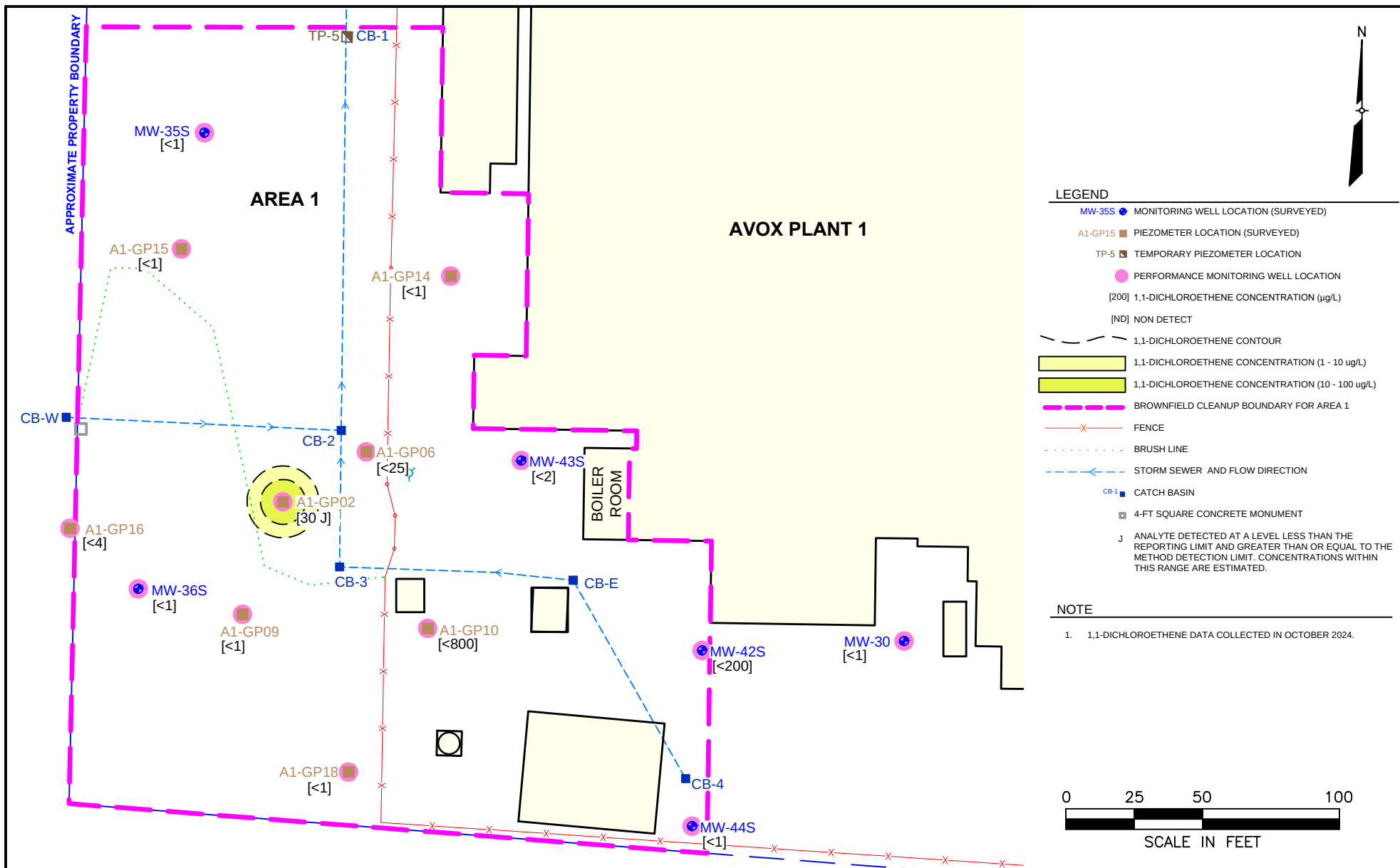
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**FIGURE 13**  
**DEEP OVERBURDEN GROUNDWATER**  
**SURFACE CONTOUR ELEVATIONS**  
**APRIL 2025**  
FORMER SCOTT AVIATION FACILITY AREA 1  
LANCASTER, NEW YORK



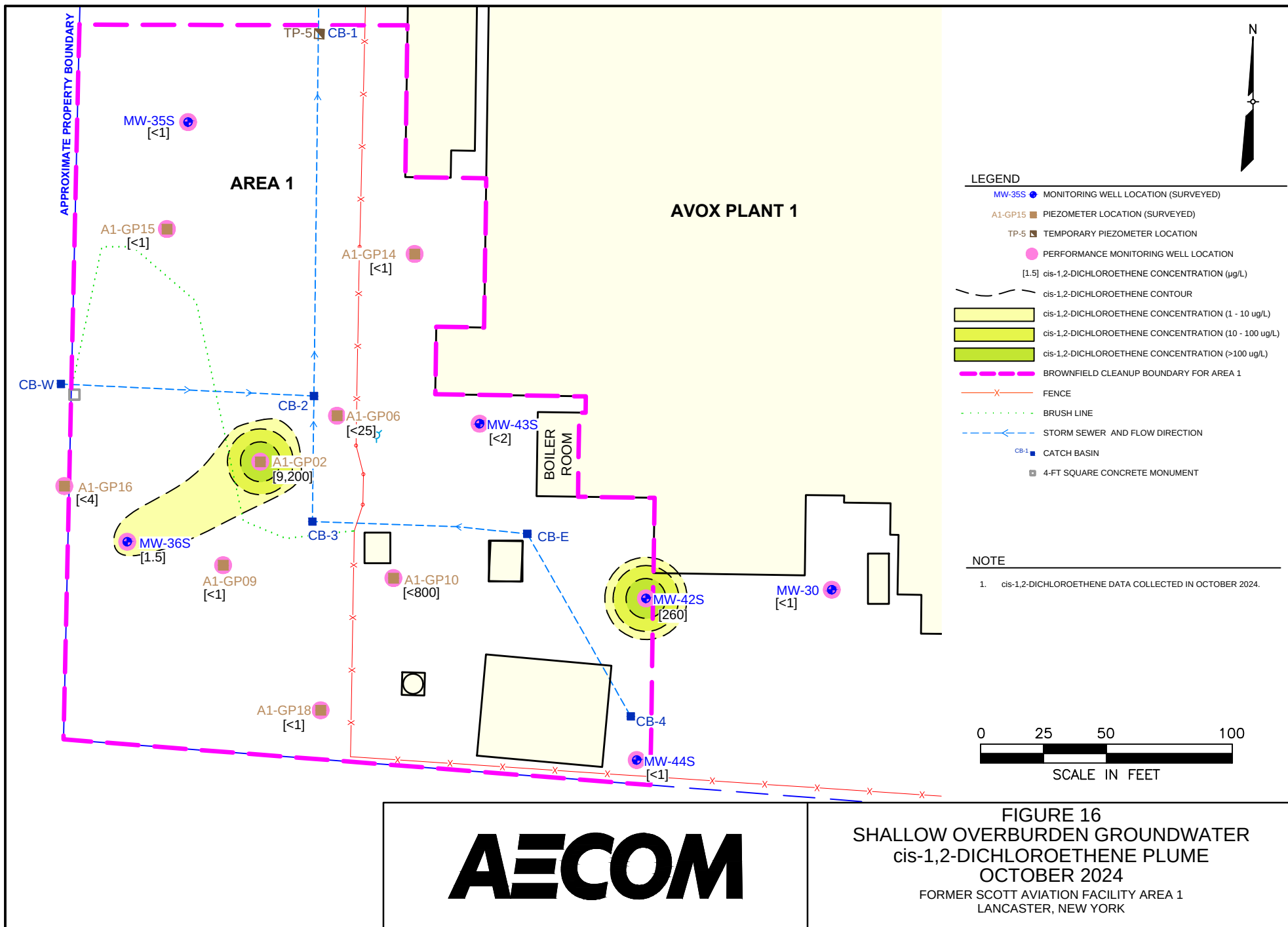
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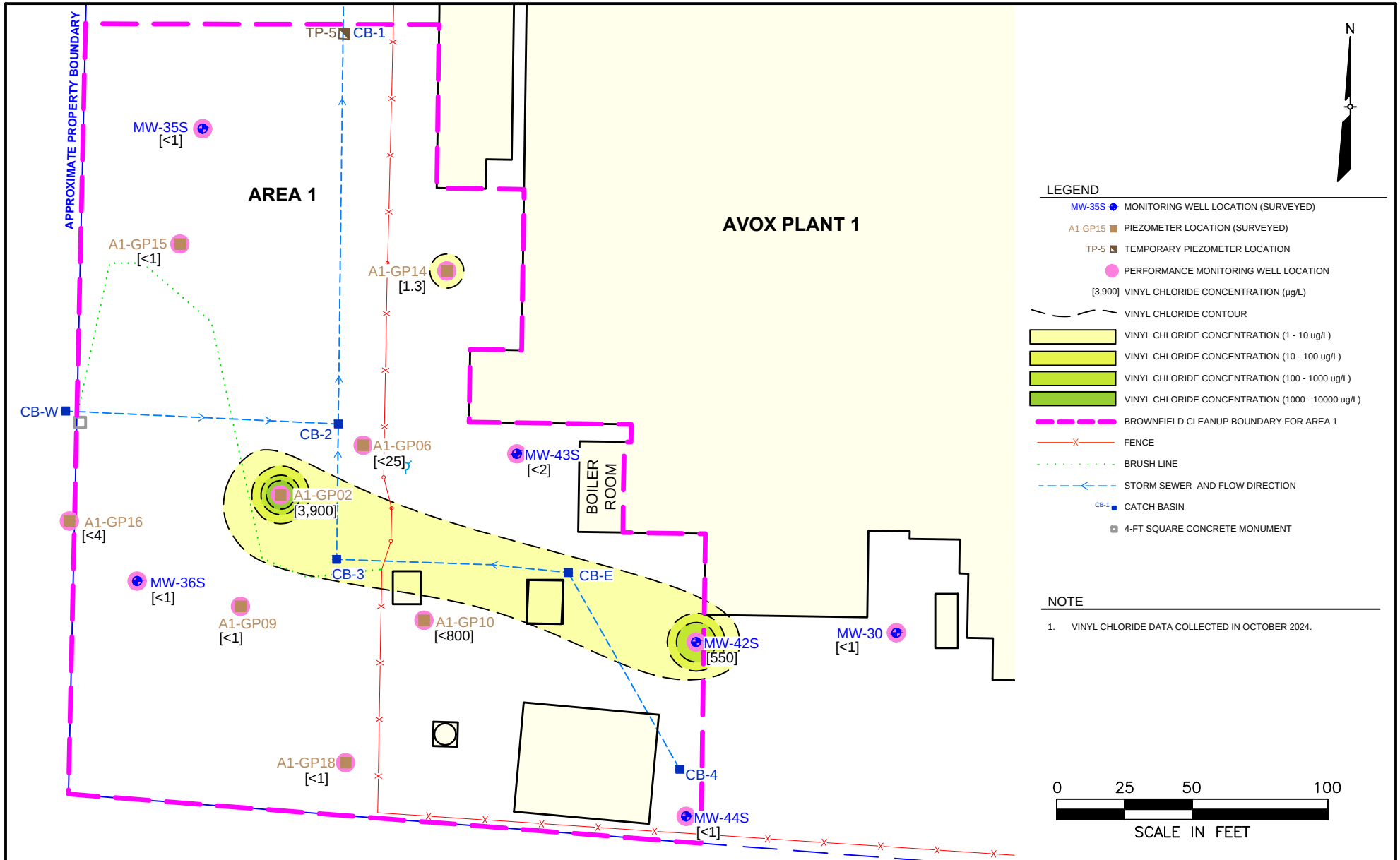
**FIGURE 14**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**1,1-DICHLOROETHANE PLUME**  
**OCTOBER 2024**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK



**AECOM**

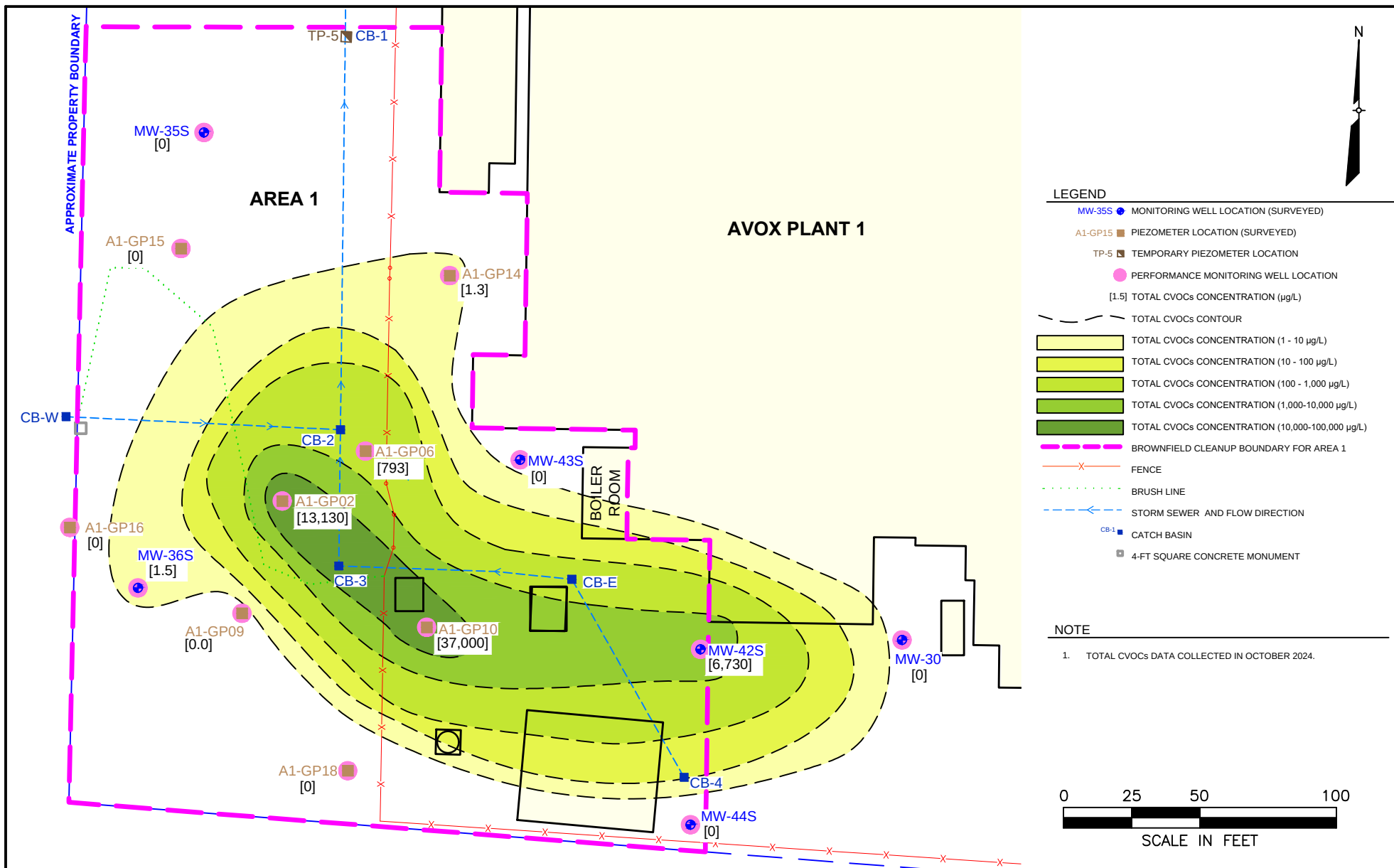
**FIGURE 15**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**1,1-DICHLOROETHENE PLUME**  
**OCTOBER 2024**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK





**AECOM**

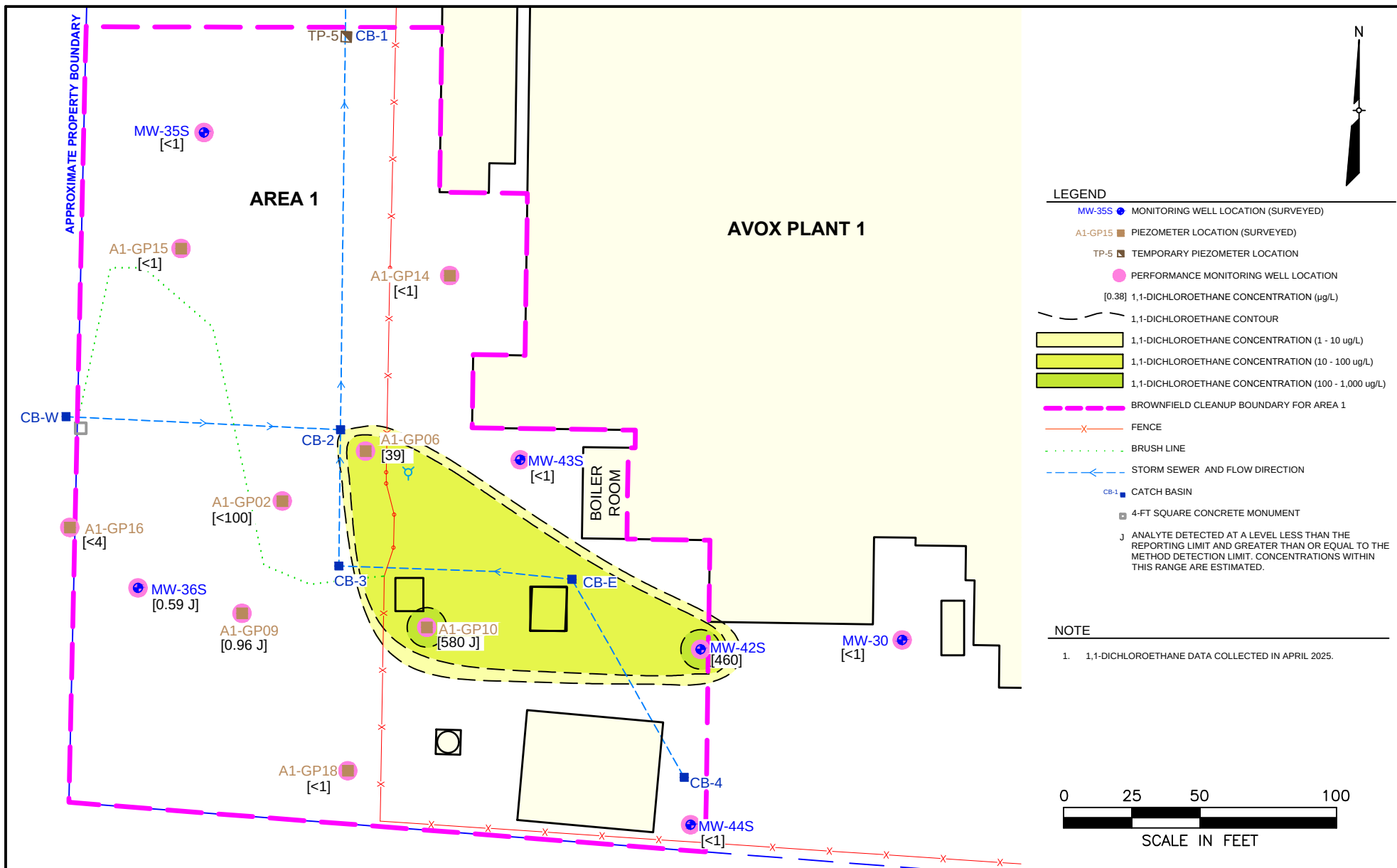
**FIGURE 17**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**VINYL CHLORIDE PLUME**  
**OCTOBER 2024**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK



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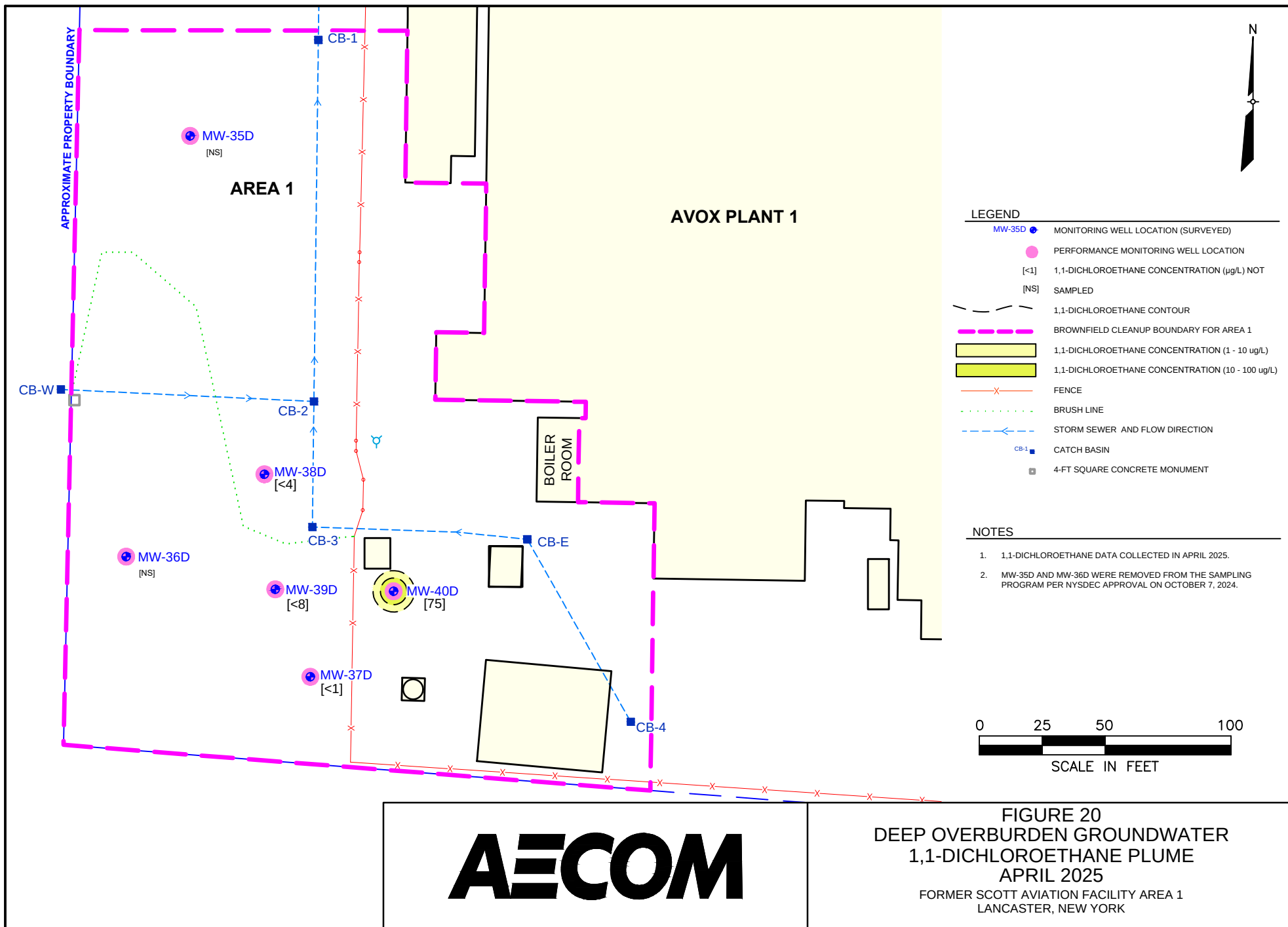
**FIGURE 18**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**TOTAL CVOCs PLUME**  
**OCTOBER 2024**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK

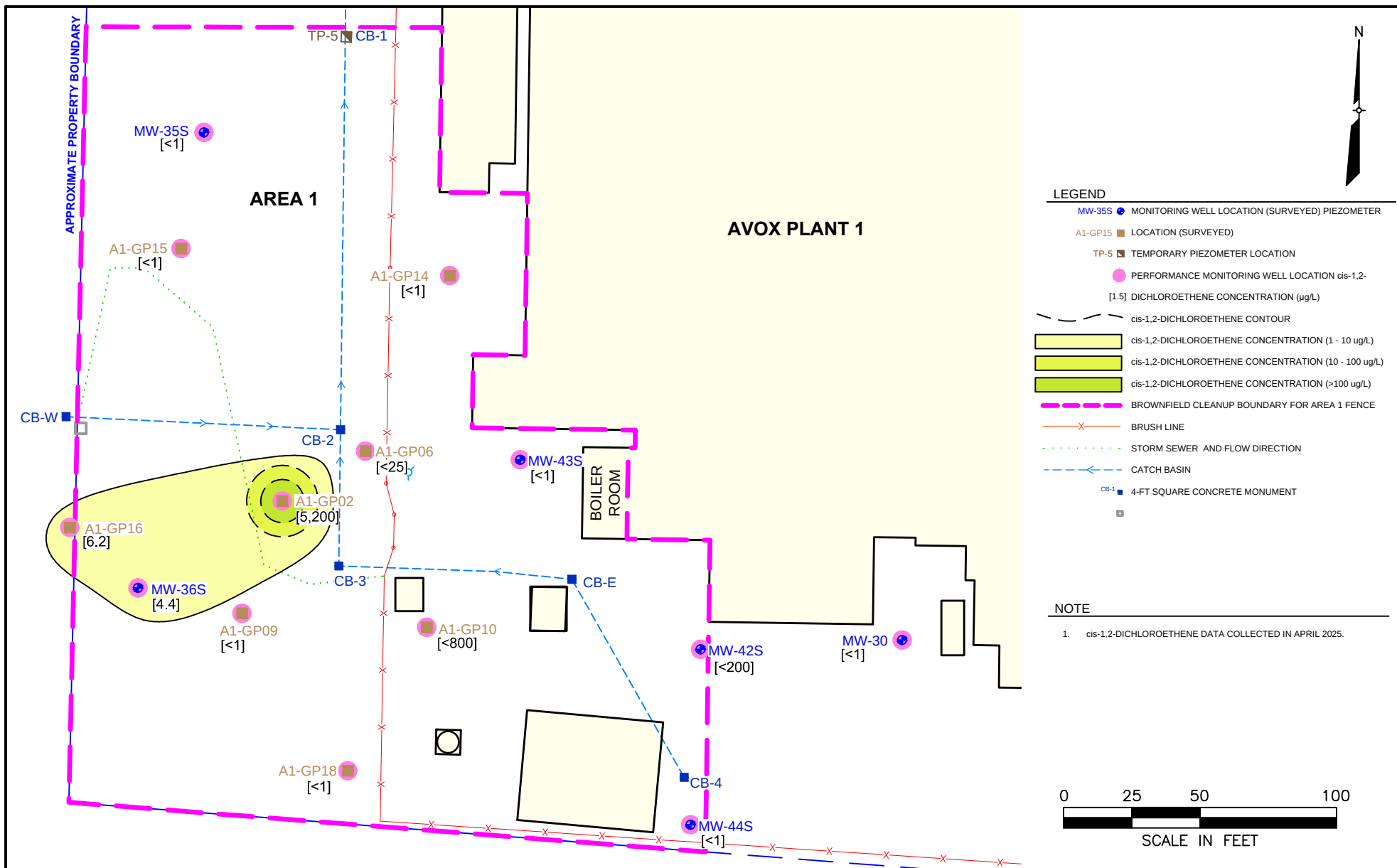




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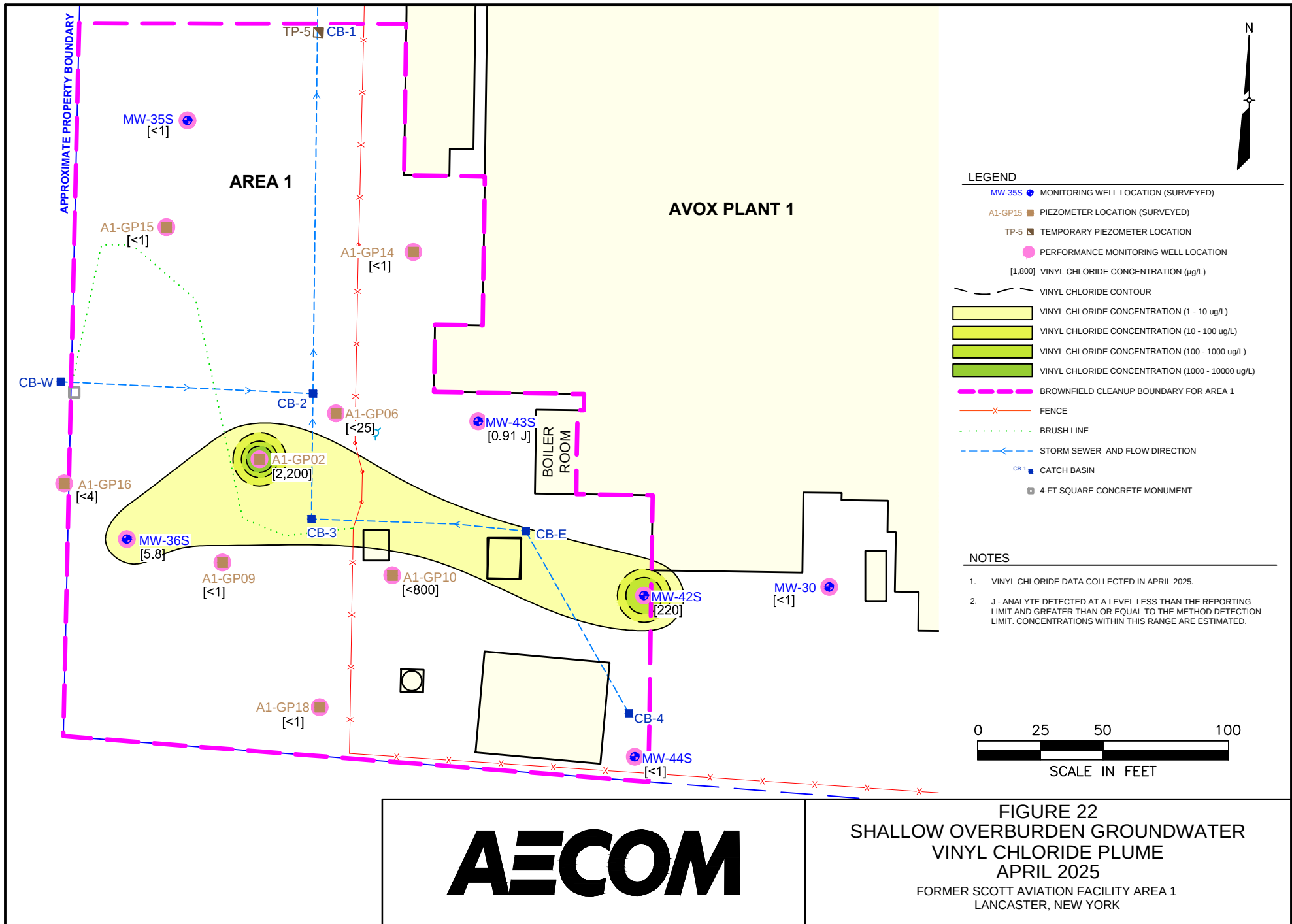
**FIGURE 19**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**1,1-DICHLOROETHANE PLUME**  
**APRIL 2025**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK

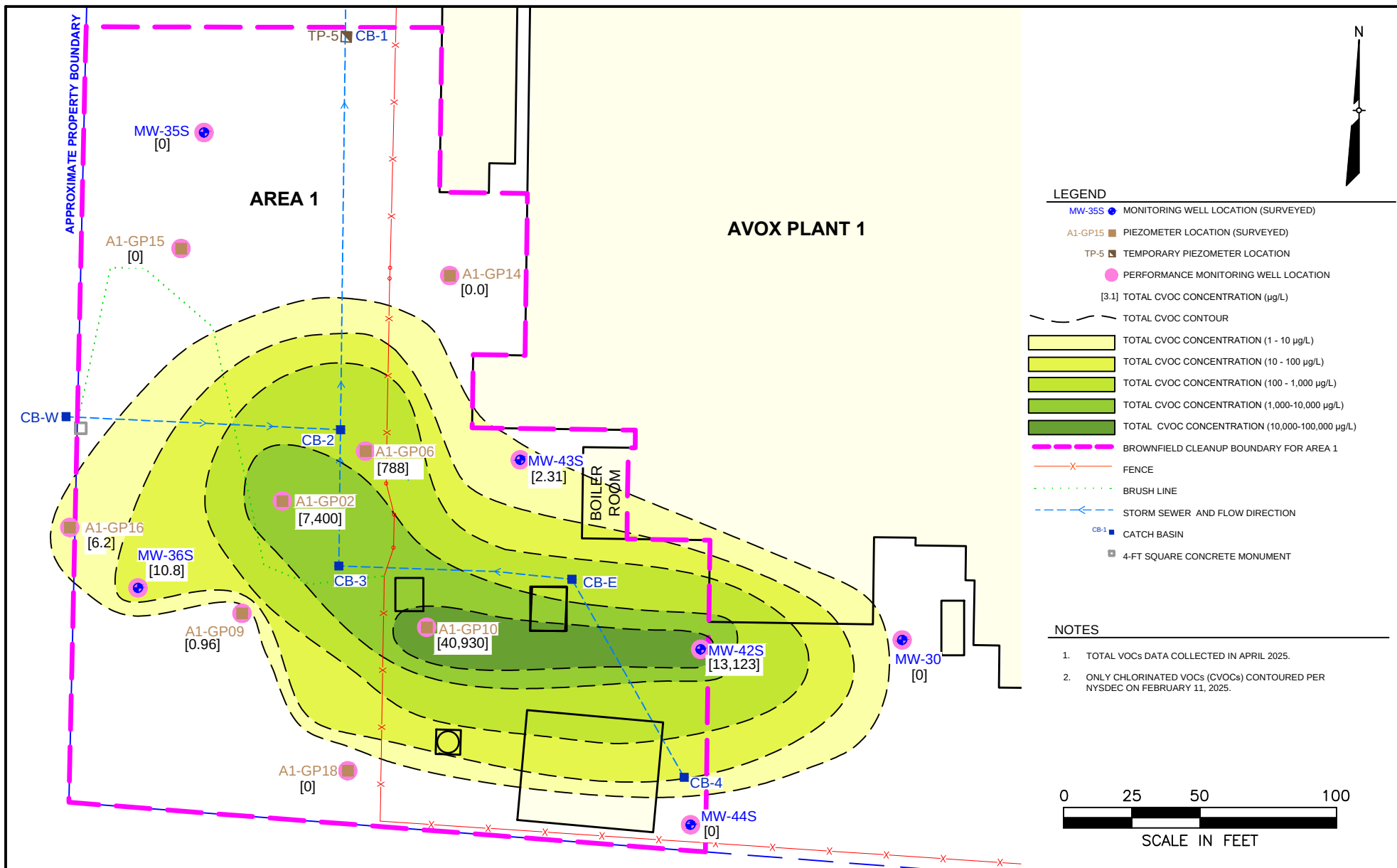




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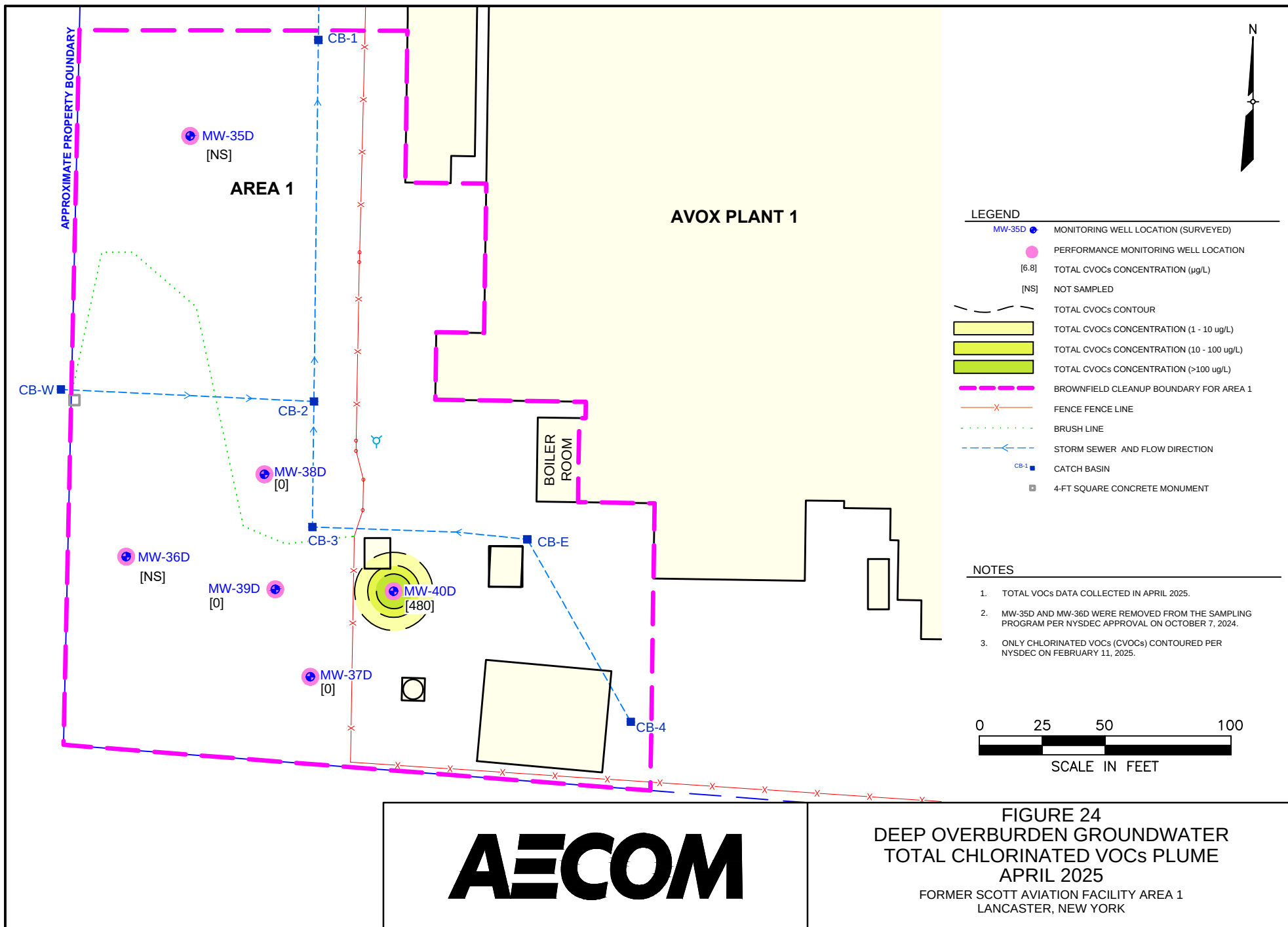
**FIGURE 21**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**cis-1,2-DICHLOROETHENE PLUME**  
**APRIL 2025**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK

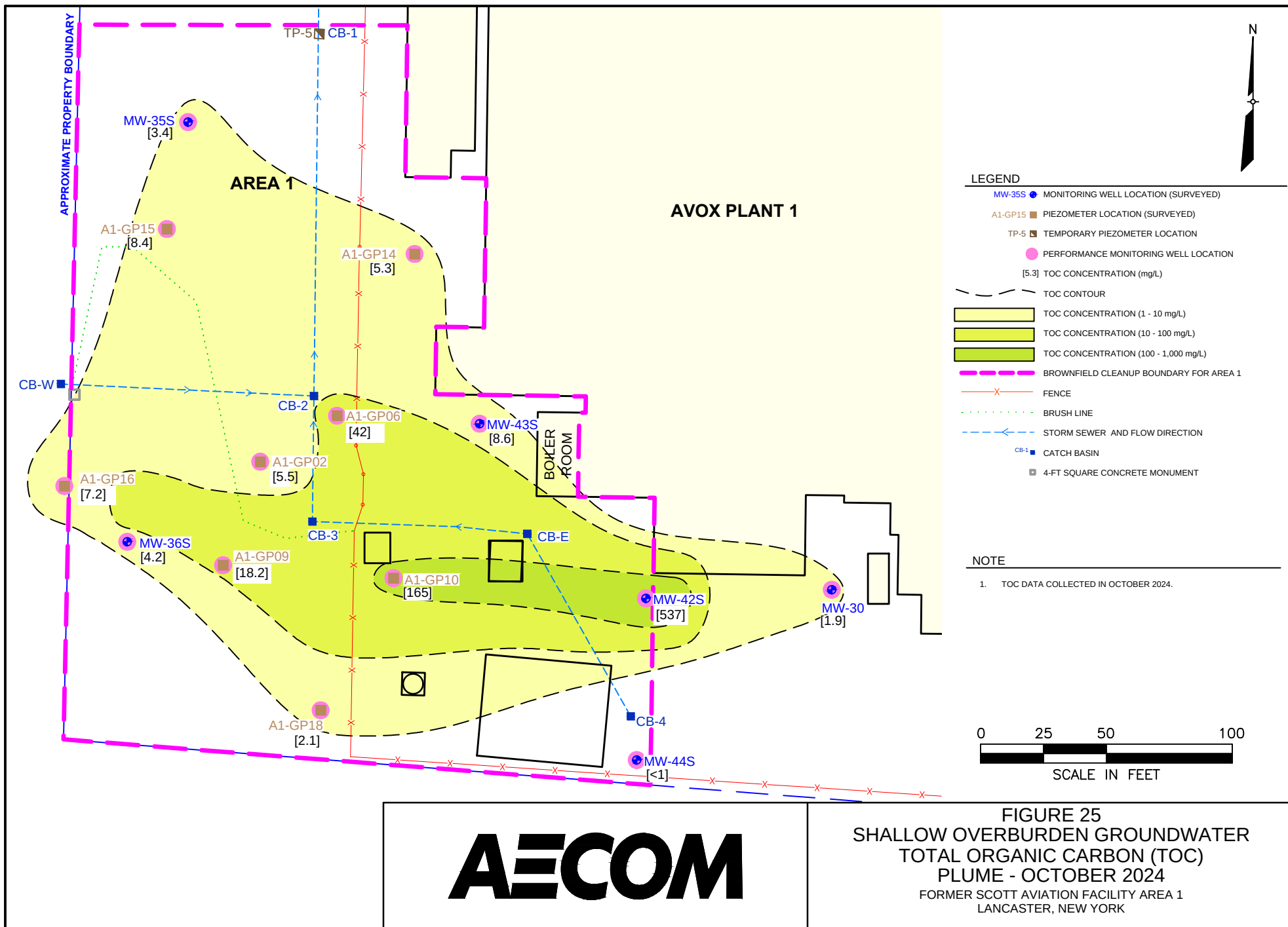




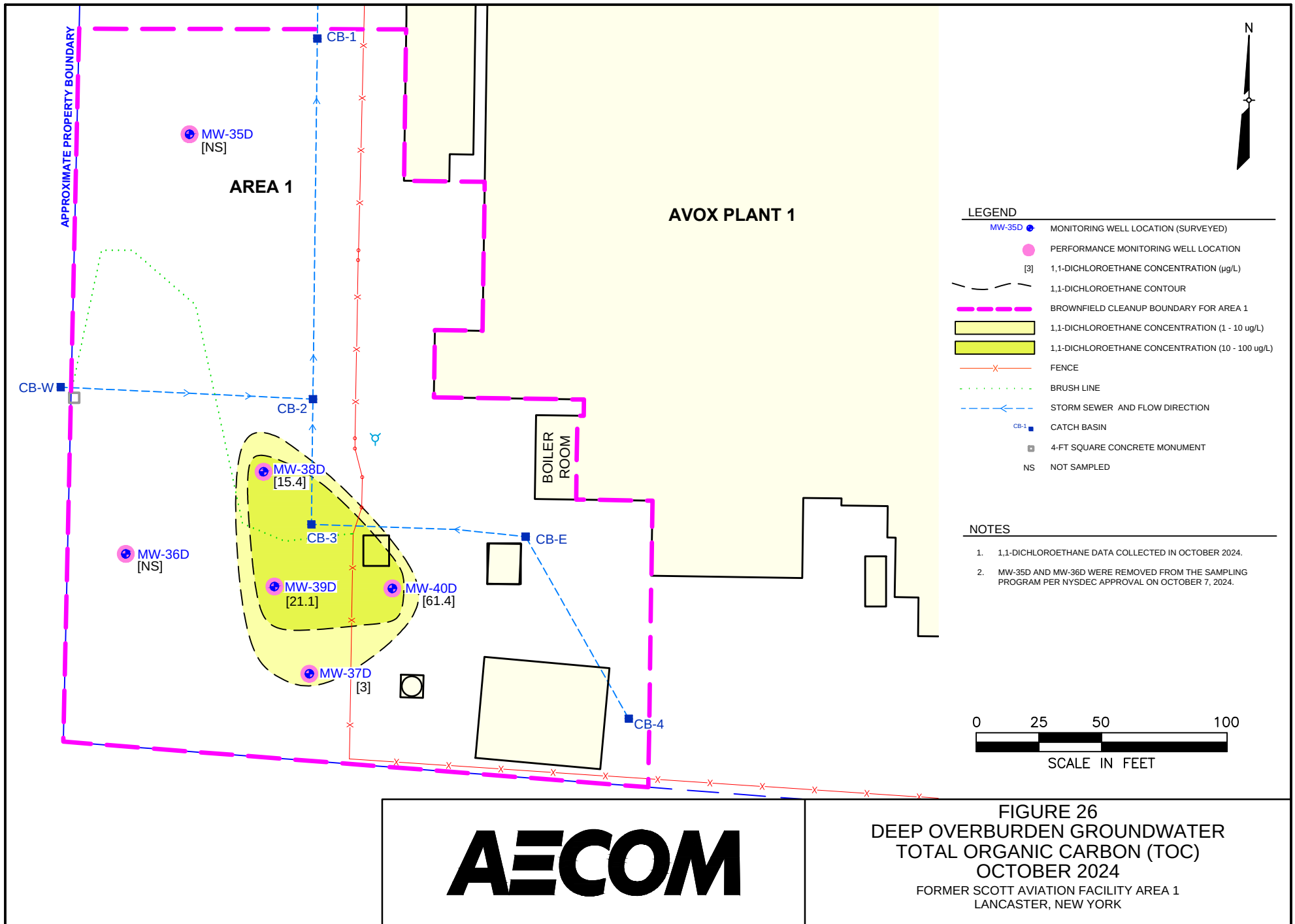
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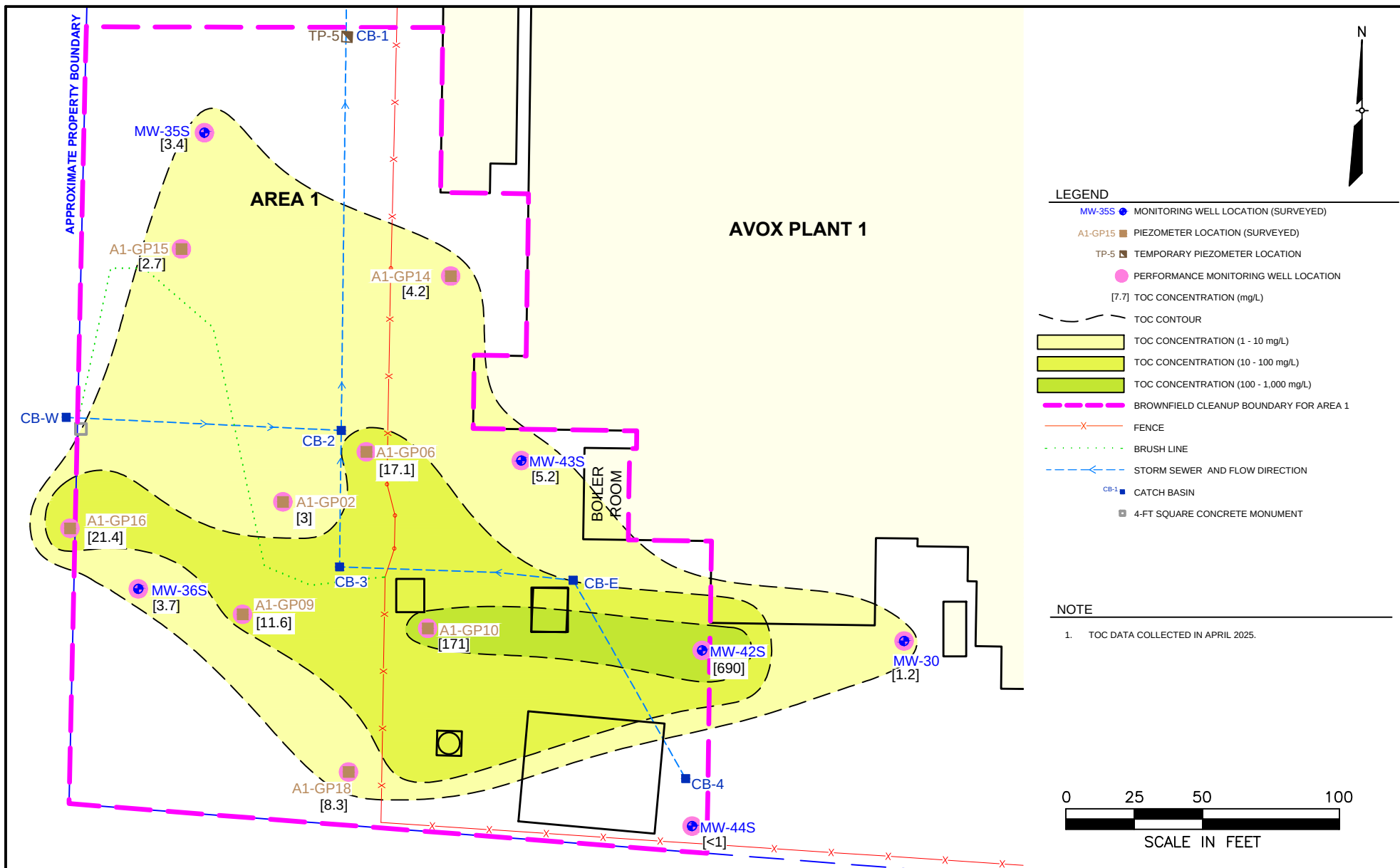
**FIGURE 23**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**TOTAL CHLORINATED VOCs PLUME**  
**APRIL 2025**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK





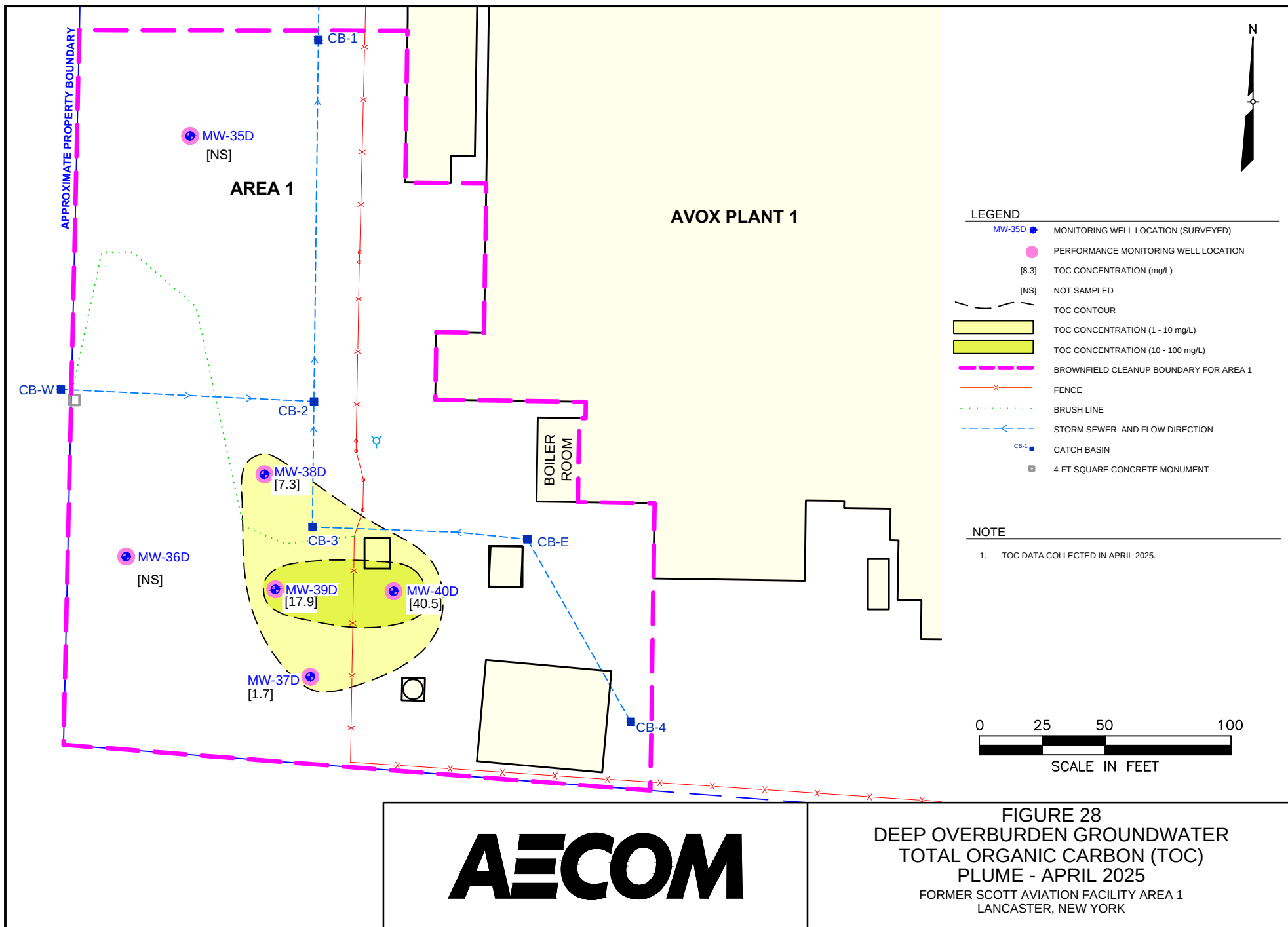






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**FIGURE 27**  
**SHALLOW OVERBURDEN GROUNDWATER**  
**TOTAL ORGANIC CARBON (TOC)**  
**PLUME - APRIL 2025**  
 FORMER SCOTT AVIATION FACILITY AREA 1  
 LANCASTER, NEW YORK



## Tables

**Table 1**  
**Groundwater Monitoring Program**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Location                                                             | Field Parameters <sup>(1)</sup> | VOCs<br>(SW846 8260C) | TOC<br>(SW846 9060A) | Ferrous Iron<br>(SM 3500 FE D) | Nitrate<br>(EPA 353.2) | Sulfate<br>(MCAWW 300.0) | Sulfide<br>(SM 4500 S2 F) | Total Alkalinity<br>(MCAWW 310.2) | Dissolved Gases <sup>(2)</sup><br>(RSK-175) | Gene-Trac <sup>(3)</sup> | VFA <sup>(4)</sup> |
|----------------------------------------------------------------------|---------------------------------|-----------------------|----------------------|--------------------------------|------------------------|--------------------------|---------------------------|-----------------------------------|---------------------------------------------|--------------------------|--------------------|
| <b>Monitoring Well and Temporary Piezometer Groundwater Sampling</b> |                                 |                       |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-30                                                                | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-35S                                                               | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-35D <sup>(5)</sup>                                                | ✗                               | ✗                     | ✗                    | ✗                              | ✗                      | ✗                        | ✗                         | ✗                                 | ✗                                           |                          |                    |
| MW-36S                                                               | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-36D <sup>(5)</sup>                                                | ✗                               | ✗                     | ✗                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-37D                                                               | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-38D                                                               | ✓                               | ✓                     | ✓                    | ✓                              | ✓                      | ✓                        | ✓                         | ✓                                 | ✓                                           |                          |                    |
| MW-39D                                                               | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-40D                                                               | ✓                               | ✓                     | ✓                    | ✓                              | ✓                      | ✓                        | ✓                         | ✓                                 | ✓                                           |                          |                    |
| MW-42S                                                               | ✓                               | ✓                     | ✓                    | ✓                              | ✓                      | ✓                        | ✓                         | ✓                                 | ✓                                           | ✓                        | ✓                  |
| MW-43S                                                               | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| MW-44S                                                               | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| A1-GP02-S                                                            | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| A1-GP06-S                                                            | ✓                               | ✓                     | ✓                    | ✓                              | ✓                      | ✓                        | ✓                         | ✓                                 | ✓                                           |                          |                    |
| A1-GP09-S                                                            | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| A1-GP10-S                                                            | ✓                               | ✓                     | ✓                    | ✓                              | ✓                      | ✓                        | ✓                         | ✓                                 | ✓                                           |                          | ✓                  |
| A1-GP14-S                                                            | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| A1-GP15-S                                                            | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| A1-GP16-S                                                            | ✓                               | ✓                     | ✓                    |                                |                        |                          |                           |                                   |                                             |                          |                    |
| A1-GP18-S                                                            | ✓                               | ✓                     | ✓                    | ✓                              | ✓                      | ✓                        | ✓                         | ✓                                 | ✓                                           |                          |                    |
| <b>Storm Sewer and Pipe Bedding Water Sampling</b>                   |                                 |                       |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| CB-1                                                                 | ✓                               | ✓                     |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| CB-2                                                                 | ✓                               | ✓                     |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| CB-3                                                                 | ✓                               | ✓                     |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| CB-4                                                                 | ✓                               | ✓                     |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| CB-E                                                                 | ✓                               | ✓                     |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| TP-5                                                                 | ✓                               | ✓                     |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |
| TP-6                                                                 | ✓                               | ✓                     |                      |                                |                        |                          |                           |                                   |                                             |                          |                    |

**Notes:**

Sampling performed in April and October.

QA/QC samples to be collected per QAPP.

VOC - Volatile Organic Compound

TOC - Total Organic Carbon

VFA - Volatile Fatty Acids

<sup>(1)</sup> Field Parameters include pH, temperature, turbidity, oxidation-reduction potential (ORP), dissolved oxygen (DO), and specific conductivity.

<sup>(2)</sup> Dissolved gases analyzed under RSK-175 included Methane, Ethane, Ethene, and Carbon dioxide.

<sup>(3)</sup> Gene Trac analysis include Dehalococcoides (Dhc), Dehalobacter (Dhb), VC Reductase (*vcrA*), BAV1 VC Reductase (*bvcA*), TCE Reductase (*tceA*), and *cfrA/dcrA*.

<sup>(4)</sup> VFA analysis include Lactate, Acetate, Propionate, Formate, Butyrate, and Pyruvate.

<sup>(5)</sup> On 10/7/24, NYSDEC approved discontinuing groundwater sampling at MW-35D and MW-36D; groundwater elevations will continue to be monitored.

**Table 2**  
**Monitoring Well and Piezometer Specifications**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Well ID   | Well Location       | Coordinates (longitude/latitude) | Well Diameter (inches) | Elevation (feet above mean sea level) |         |            |               | Feet from Casing |
|-----------|---------------------|----------------------------------|------------------------|---------------------------------------|---------|------------|---------------|------------------|
|           |                     |                                  |                        | Casing                                | Surface | Screen Top | Screen Bottom | Mid-Screen       |
| A1-GP02-S | Plume               | 42.9047° N, 78.6593° W           | 0.75                   | 689.82                                | 687.3   | 682.3      | 672.3         | 12.5             |
| A1-GP06-S | Plume               | 42.9047° N, 78.6592° W           | 0.75                   | 687.71                                | 687.8   | 682.8      | 672.8         | 9.9              |
| A1-GP09-S | Downgradient        | 42.9045° N, 78.6594° W           | 0.75                   | 689.36                                | 686.8   | 681.8      | 671.8         | 12.6             |
| A1-GP10-S | Plume               | 42.9045° N, 78.6591° W           | 0.75                   | 689.10                                | 689.2   | 684.2      | 674.2         | 9.9              |
| A1-GP14-S | Downgradient        | 42.9049° N, 78.6591° W           | 0.75                   | 689.43                                | 689.7   | 684.7      | 674.7         | 9.7              |
| A1-GP15-S | Downgradient        | 42.9049° N, 78.6595° W           | 0.75                   | 687.69                                | 688.0   | 683.0      | 673.0         | 9.7              |
| A1-GP16-S | Downgradient        | 42.9046° N, 78.6596° W           | 0.75                   | 689.86                                | 686.6   | 681.6      | 671.6         | 13.3             |
| A1-GP18-S | Upgradient          | 42.9044° N, 78.6592° W           | 0.75                   | 690.37                                | 687.5   | 682.5      | 672.5         | 12.9             |
| MW-30     | Upgradient          | 42.9045° N, 78.6585° W           | 2.0                    | 689.69                                | 689.8   | 679.8      | 669.8         | 14.9             |
| MW-35D    | Downgradient        | 42.9050° N, 78.6594° W           | 2.0                    | 688.40                                | 688.9   | 667.9      | 662.9         | 23.0             |
| MW-35S    | Downgradient        | 42.9050° N, 78.6594° W           | 2.0                    | 688.56                                | 689.1   | 684.1      | 674.1         | 9.5              |
| MW-36D    | Plume               | 42.9046° N, 78.6595° W           | 2.0                    | 689.66                                | 687.1   | 671.1      | 666.1         | 21.1             |
| MW-36S    | Upgradient          | 42.9046° N, 78.6595° W           | 2.0                    | 689.82                                | 687.1   | 683.1      | 672.1         | 12.2             |
| MW-37D    | Upgradient          | 42.9044° N, 78.6593° W           | 2.0                    | 690.05                                | 687.6   | 672.6      | 667.6         | 19.9             |
| MW-38D    | Plume               | 42.9047° N, 78.6593° W           | 2.0                    | 689.66                                | 687.5   | 671.5      | 666.5         | 20.7             |
| MW-39D    | Plume               | 42.9045° N, 78.6593° W           | 2.0                    | 689.72                                | 687.4   | 672.4      | 667.4         | 19.8             |
| MW-40D    | Plume               | 42.9045° N, 78.6591° W           | 2.0                    | 689.19                                | 689.5   | 671.7      | 666.7         | 20.0             |
| MW-42S    | Plume               | 42.9045° N, 78.6588° W           | 2.0                    | 689.08                                | 689.7   | 684.7      | 674.7         | 9.4              |
| MW-43S    | Plume               | 42.9047° N, 78.6590° W           | 2.0                    | 689.14                                | 689.6   | 684.6      | 674.6         | 9.5              |
| MW-44S    | Upgradient          | 42.9043° N, 78.6588° W           | 2.0                    | 688.98                                | 689.4   | 684.4      | 674.4         | 9.6              |
| TP-5      | Storm Sewer Bedding | 42.9051° N, 78.6592° W           | 0.75                   | 690.53                                | 689.53  | 685.53     | 682.53        | 5.50             |
| TP-6      | Storm Sewer Bedding | 42.9051° N, 78.6592° W           | 0.75                   | 690.25                                | 690.45  | 686.45     | 681.45        | 4.30             |

**Table 3**  
**Groundwater Elevation Data - October 2024 and April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Monitoring Point Identification | Top of Casing Elevation | October 7, 2024                      |                                   | April 4, 2025                        |                                   |
|---------------------------------|-------------------------|--------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
|                                 |                         | Depth to Groundwater (feet from TOC) | Groundwater Elevation (feet AMSL) | Depth to Groundwater (feet from TOC) | Groundwater Elevation (feet AMSL) |
| Monitoring Wells                |                         |                                      |                                   |                                      |                                   |
| MW-30 <sup>1</sup>              | 689.69                  | 5.05                                 | 684.64                            | 3.24                                 | 686.45                            |
| MW-35S                          | 688.56                  | 10.38                                | 678.18                            | 6.17                                 | 682.39                            |
| MW-35D                          | 688.40                  | 8.57                                 | 679.83                            | 7.05                                 | 681.35                            |
| MW-36S                          | 689.82                  | 7.42                                 | 682.40                            | 2.81                                 | 687.01                            |
| MW-36D                          | 689.66                  | 7.15                                 | 682.51                            | 5.49                                 | 684.17                            |
| MW-37D                          | 690.05                  | 6.78                                 | 683.27                            | 4.51                                 | 685.54                            |
| MW-38D                          | 689.66                  | 5.99                                 | 683.67                            | 4.33                                 | 685.33                            |
| MW-39D                          | 689.72                  | 6.31                                 | 683.41                            | 4.14                                 | 685.58                            |
| MW-40D                          | 689.19                  | 4.92                                 | 684.27                            | 3.20                                 | 685.99                            |
| MW-42S                          | 689.08                  | 1.50                                 | 687.58                            | 1.80                                 | 687.28                            |
| MW-43S                          | 689.13                  | 2.29                                 | 686.84                            | 1.50                                 | 687.63                            |
| MW-44S                          | 688.96                  | 2.70                                 | 686.26                            | 0.54                                 | 688.42                            |
| Piezometers                     |                         |                                      |                                   |                                      |                                   |
| A1-GP02-S                       | 689.82                  | 6.44                                 | 683.38                            | 2.68                                 | 687.14                            |
| A1-GP06-S                       | 687.71                  | 3.21                                 | 684.50                            | 0.76                                 | 686.95                            |
| A1-GP09-S                       | 689.36                  | 9.80                                 | 679.56                            | 2.51                                 | 686.85                            |
| A1-GP10-S                       | 689.10                  | 3.30                                 | 685.80                            | 1.27                                 | 687.83                            |
| A1-GP14-S                       | 689.43                  | 2.90                                 | 686.53                            | 1.48                                 | 687.95                            |
| A1-GP15-S                       | 687.69                  | 5.10                                 | 682.59                            | 0.00                                 | 687.69                            |
| A1-GP16-S                       | 689.86                  | 5.34                                 | 684.52                            | 2.77                                 | 687.09                            |
| A1-GP18-S                       | 690.37                  | 7.48                                 | 682.89                            | 2.97                                 | 687.40                            |
| Storm Sewer                     |                         |                                      |                                   |                                      |                                   |
| TP-5                            | 690.53                  | 7.75                                 | 682.78                            | 7.70                                 | 682.83                            |
| TP-6                            | 690.25                  | 7.30                                 | 682.95                            | 7.43                                 | 682.82                            |
| CB-1                            | 689.53                  | 6.29                                 | 683.24                            | 6.23                                 | 683.30                            |
| CB-2                            | 687.40                  | 3.65                                 | 683.75                            | 3.62                                 | 683.78                            |
| CB-3                            | 687.55                  | 3.67                                 | 683.88                            | 3.70                                 | 683.85                            |
| CB-4                            | 689.00                  | 3.25                                 | 685.75                            | 3.23                                 | 685.77                            |
| CB-E                            | 689.35                  | 4.91                                 | 684.44                            | 4.91                                 | 684.44                            |

**Notes:**

TOC - Top of casing

AMSL - Above mean sea level

1 - Well is screened across the shallow overburden.

S - Well is screened in shallow overburden

D - Well is screened in deep overburden

TP - Temporary Piezometer screened in storm sewer pipe bedding

CB - Catch Basin



**Table 4**  
**Summary of Monitoring Well Analytical Data - October 2024**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater    | A1-GP02-S    | A1-GP06-S    | A1-GP09-S    | A1-GP10-S        | A1-GP14-S    | A1-GP15-S    | A1-GP16-S    |
|--------------------------------------------------|----------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|
| Date Collected                                   | RAO/TOGS 1.1.1 | 10/09/24     | 10/07/24     | 10/09/24     | 10/07/24         | 10/09/24     | 10/08/24     | 10/08/24     |
| Lab Sample ID                                    | Objective      | 480-224184-2 | 480-224085-5 | 480-224184-5 | 480-224085-6     | 480-224184-1 | 480-224126-4 | 480-224126-1 |
| Volatile Organic Compounds by Method 8260 (µg/L) |                |              |              |              |                  |              |              |              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5              | < 50 U       | < 25 U       | < 1.0 U      | < 800 U          | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| 1,1-Dichloroethane*                              | 5              | < 50 U       | <b>13 J</b>  | < 1.0 U      | <b>1,000</b>     | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| 1,1-Dichloroethene*                              | 5              | <b>30 J</b>  | < 25 U       | < 1.0 U      | < 800 U          | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| 2-Butanone (MEK)                                 | 50             | < 500 U      | < 250 U      | <b>13</b>    | < 8,000 U        | < 10 U       | < 10 U       | < 40 U       |
| Acetone                                          | 50             | < 500 U      | < 250 U      | <b>18</b>    | < 8,000 U        | < 10 U       | < 10 U       | < 40 U       |
| Benzene                                          | 5              | < 50 U       | < 25 U       | < 1.0 U      | < 800 U          | <b>2.1</b>   | < 1.0 U      | < 4.0 U      |
| Chloroethane                                     | 5              | < 50 U       | <b>780</b>   | < 1.0 U      | <b>36,000 F1</b> | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| cis-1,2-Dichloroethene*                          | 5              | <b>9,200</b> | < 25 U       | < 1.0 U      | < 800 U          | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| Ethylbenzene                                     | 5              | <b>38 J</b>  | < 25 U       | < 1.0 U      | < 800 U          | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| Methylcyclohexane                                | 5              | < 50 U       | < 25 U       | < 1.0 U      | < 800 U          | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| Toluene                                          | 5              | < 50 U       | < 25 U       | < 1.0 U      | < 800 U          | < 1.0 U      | < 1.0 U      | < 4.0 U      |
| Vinyl chloride*                                  | 2              | <b>3,900</b> | < 25 U       | < 1.0 U      | < 800 U          | <b>1.3</b>   | < 1.0 U      | < 4.0 U      |
| Total Volatile Organic Compounds                 | NL             | 13,168       | 793          | 31.0         | 37,000           | 3.4          | 0.0          | 0.0          |
| Total Organic Carbon (mg/L)                      | NL             | 5.5          | 42.0         | 18.2         | 165              | 5.3 B        | 8.4 B        | 7.2 B        |

**Table 4**  
**Summary of Monitoring Well Analytical Data - October 2024**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater      | A1-GP18-S    | MW-30        | MW-36S       | MW-42S       | MW-43S       | MW-44S       | Duplicate    |
|--------------------------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Date Collected                                   | RAO/TOGS 1.1.1.1 | 10/07/24     | 10/09/24     | 10/07/24     | 10/04/24     | 10/09/24     | 10/04/24     | 10/04/24     |
| Lab Sample ID                                    | Objective        | 480-224085-4 | 480-224184-3 | 480-224085-2 | 480-224028-3 | 480-224184-4 | 480-224028-5 | 480-224028-6 |
| Volatile Organic Compounds by Method 8260 (µg/L) |                  |              |              |              |              |              |              |              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | <b>130 J</b> | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| 1,1-Dichloroethane*                              | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | <b>290</b>   | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| 1,1-Dichloroethene*                              | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | < 200 U      | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| 2-Butanone (MEK)                                 | 50               | < 10 U       | < 10 U       | < 10 U       | < 2,000 U    | < 20 U       | < 10 U       | < 10 U       |
| Acetone                                          | 50               | < 10 U       | < 10 U       | < 10 U       | < 2,000 U    | < 20 U       | < 10 U       | < 10 U       |
| Benzene                                          | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | < 200 U      | <b>1.6 J</b> | < 1.0 U      | < 1.0 U      |
| Chloroethane                                     | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | <b>5,500</b> | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| cis-1,2-Dichloroethene*                          | 5                | < 1.0 U      | < 1.0 U      | <b>1.5</b>   | <b>260</b>   | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| Ethylbenzene                                     | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | < 200 U      | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| Methylcyclohexane                                | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | < 200 U      | <b>1.4 J</b> | < 1.0 U      | < 1.0 U      |
| Toluene                                          | 5                | < 1.0 U      | < 1.0 U      | < 1.0 U      | <b>560</b>   | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| Vinyl chloride*                                  | 2                | < 1.0 U      | < 1.0 U      | < 1.0 U      | <b>550</b>   | < 2.0 U      | < 1.0 U      | < 1.0 U      |
| Total Volatile Organic Compounds                 | NL               | 0.0          | 0.0          | 1.5          | 7,290        | 3.0          | 0.0          | 0.0          |
| Total Organic Carbon (mg/L)                      | NL               | 2.1          | 1.9          | 4.2          | 537 B        | 8.6          | < 1.0 U      | NS           |

**Table 4**  
**Summary of Monitoring Well Analytical Data - October 2024**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater    | MW-37D       | MW-38D       | MW-39D       | MW-40D       |
|--------------------------------------------------|----------------|--------------|--------------|--------------|--------------|
| Date Collected                                   | RAO/TOGS 1.1.1 | 10/08/24     | 10/07/24     | 10/08/24     | 10/04/24     |
| Lab Sample ID                                    | Objective      | 480-224126-3 | 480-224085-1 | 480-224126-2 | 480-224028-1 |
| Volatile Organic Compounds by Method 8260 (µg/L) |                |              |              |              |              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| 1,1-Dichloroethane*                              | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| 1,1-Dichloroethene*                              | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| 2-Butanone (MEK)                                 | 50             | < 10 U       | < 40 U       | < 80 U       | < 400 U      |
| Acetone                                          | 50             | < 1.0 U      | < 40 U       | < 80 U       | < 400 U      |
| Benzene                                          | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| Chloroethane                                     | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| cis-1,2-Dichloroethene*                          | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| Ethylbenzene                                     | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| Methylcyclohexane                                | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| Toluene                                          | 5              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| Vinyl chloride*                                  | 2              | < 1.0 U      | < 4.0 U      | < 8.0 U      | < 40 U       |
| Total Volatile Organic Compounds                 | NL             | 0.0          | 0.0          | 0.0          | 0.0          |
| Total Organic Carbon (mg/L)                      | NL             | 3.0 B        | 15.4         | 21.1 B       | 61.4         |

Notes:

Bold font indicates the analyte was detected.

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

\* Site-specific Contaminants of Concern per Decision Document (December 2015). Per NYSDEC comment letter dated August 2024, 1,1,2-Trichloro-1,2,2-trifluoroethane is not a Site-Specific Contaminant of Concern.

J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentration is reported as J.

U - Not detected at or above reporting limit.

F1- MS and/or MSD recovery exceeds control limits.

B - Compound was found in the blank and the sample.

NL - Not listed

NS - Not sampled

Duplicate collected at MW-44S (all VOC compounds were non-detect).

MW-35S was not sampled in error.

**Table 5**  
**Summary of Monitoring Well Analytical Data - April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater    | A1-GP02-S    | A1-GP06-S     | A1-GP09-S     | A1-GP10-S     | A1-GP14-S     | A1-GP15-S    | A1-GP16-S    |
|--------------------------------------------------|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|
| Date Collected                                   | RAO/TOGS 1.1.1 | 04/09/25     | 04/04/25      | 04/07/25      | 04/04/25      | 04/08/25      | 04/09/25     | 04/09/25     |
| Lab Sample ID                                    | Objective      | 480-228586-6 | 480-228450-2  | 480-228509-11 | 480-228450-3  | 480-228586-10 | 480-228586-7 | 480-228586-8 |
| Volatile Organic Compounds by Method 8260 (µg/L) |                |              |               |               |               |               |              |              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5              | < 100 U      | < 25 U        | < 1.0 U       | < 800 U       | < 1.0 U       | < 1.0 U      | < 4.0 U      |
| 1,1-Dichloroethane*                              | 5              | < 100 U      | <b>39</b>     | <b>0.96 J</b> | <b>580 J</b>  | < 1.0 U       | < 1.0 U      | < 4.0 U      |
| Acetone                                          | 50             | < 1,000 U    | < 250 U       | <b>65</b>     | < 8,000 U     | <b>4.5 J</b>  | < 10 U       | < 40 U       |
| Benzene                                          | 5              | < 100 U      | < 25 U        | < 1.0 U       | < 800 U       | <b>0.57 J</b> | < 1.0 U      | < 4.0 U      |
| Chloroethane                                     | 5              | < 100 U      | <b>740</b>    | < 1.0 U       | <b>40,000</b> | < 1.0 U       | < 1.0 U      | < 4.0 U      |
| Chloroform                                       | 5              | < 100 U      | <b>9.1 JB</b> | < 1.0 U       | <b>350 JB</b> | < 1.0 U       | < 1.0 U      | < 4.0 U      |
| cis-1,2-Dichloroethene*                          | 5              | <b>5,200</b> | < 25 U        | < 1.0 U       | < 800 U       | < 1.0 U       | < 1.0 U      | <b>6.2</b>   |
| Toluene                                          | 5              | < 100 U      | < 25 U        | < 1.0 U       | < 800 U       | < 1.0 U       | < 1.0 U      | < 4.0 U      |
| Vinyl chloride*                                  | 2              | <b>2,200</b> | < 25 U        | < 1.0 U       | < 800 U       | < 1.0 U       | < 1.0 U      | < 4.0 U      |
| Total Volatile Organic Compounds                 | NL             | 7,400        | 788           | 66            | 40,930        | 5.1           | 0.0          | 6.2          |
| Total Organic Carbon (mg/L)                      | NL             | 3.0          | 17.1          | 11.6          | 171           | 4.2           | 2.7          | 21.4         |

**Table 5**  
**Summary of Monitoring Well Analytical Data - April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater    | A1-GP18-S     | MW-30        | MW-35S       | MW-36S        | MW-42S        | MW-43S        | MW-44S       | Duplicate    |
|--------------------------------------------------|----------------|---------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|
| Date Collected                                   | RAO/TOGS 1.1.1 | 04/07/25      | 04/08/25     | 04/08/25     | 04/07/25      | 04/04/25      | 04/08/25      | 04/08/25     | 04/08/25     |
| Lab Sample ID                                    | Objective      | 480-228509-14 | 480-228586-3 | 480-228586-1 | 480-228509-10 | 480-228450-4  | 480-228586-4  | 480-228586-5 | 480-228586-2 |
| Volatile Organic Compounds by Method 8260 (µg/L) |                |               |              |              |               |               |               |              |              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5              | < 1.0 U       | < 1.0 U      | < 1.0 U      | < 1.0 U       | <b>360</b>    | < 1.0 U       | < 1.0 U      | < 1.0 U      |
| 1,1-Dichloroethane*                              | 5              | < 1.0 U       | < 1.0 U      | < 1.0 U      | <b>0.59 J</b> | <b>460</b>    | < 1.0 U       | < 1.0 U      | < 1.0 U      |
| Acetone                                          | 50             | < 10 U        | < 10 U       | < 10 U       | < 10 U        | < 2,000 U     | < 10 U        | < 10 U       | < 10 U       |
| Benzene                                          | 5              | < 1.0 U       | < 1.0 U      | < 1.0 U      | < 1.0 U       | < 200 U       | <b>0.61 J</b> | < 1.0 U      | < 1.0 U      |
| Chloroethane                                     | 5              | < 1.0 U       | < 1.0 U      | < 1.0 U      | < 1.0 U       | <b>12,000</b> | <b>1.4</b>    | < 1.0 U      | < 1.0 U      |
| Chloroform                                       | 5              | < 1.0 U       | < 1.0 U      | < 1.0 U      | < 1.0 U       | <b>83 JB</b>  | < 1.0         | < 1.0 U      | < 1.0 U      |
| cis-1,2-Dichloroethene*                          | 5              | < 1.0 U       | < 1.0 U      | < 1.0 U      | <b>4.4</b>    | < 200 U       | < 1.0 U       | < 1.0 U      | < 1.0 U      |
| Toluene                                          | 5              | < 1.0 U       | < 1.0 U      | < 1.0 U      | < 1.0 U       | <b>1,200</b>  | < 1.0 U       | < 1.0 U      | < 1.0 U      |
| Vinyl chloride*                                  | 2              | < 1.0 U       | < 1.0 U      | < 1.0 U      | <b>5.8</b>    | <b>220</b>    | <b>0.91 J</b> | < 1.0 U      | < 1.0 U      |
| Total Volatile Organic Compounds                 | NL             | 0.0           | 0.0          | 0.0          | 10.8          | 14,323        | 2.9           | 0.0          | 0.0          |
| Total Organic Carbon (mg/L)                      | NL             | 8.3           | 1.9          | 3.4          | 3.7           | 690           | 1.9           | < 1.0 U      | NS           |

**Table 5**  
**Summary of Monitoring Well Analytical Data - April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater    | MW-37D        | MW-38D       | MW-39D        | MW-40D       |
|--------------------------------------------------|----------------|---------------|--------------|---------------|--------------|
| Date Collected                                   | RAO/TOGS 1.1.1 | 04/07/25      | 04/04/25     | 04/07/25      | 04/04/25     |
| Lab Sample ID                                    | Objective      | 480-228509-13 | 480-228450-6 | 480-2285450-1 | 480-228450-1 |
| Volatile Organic Compounds by Method 8260 (µg/L) |                |               |              |               |              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5              | < 1.0 U       | < 4.0 U      | < 8.0 U       | < 40 U       |
| 1,1-Dichloroethane*                              | 5              | < 1.0 U       | < 4.0 U      | < 8.0 U       | <b>75</b>    |
| Acetone                                          | 50             | < 1.0 U       | < 4.0 U      | < 8.0 U       | < 400 U      |
| Benzene                                          | 5              | < 1.0 U       | < 4.0 U      | < 8.0 U       | < 40 U       |
| Chloroethane                                     | 5              | < 1.0 U       | < 4.0 U      | < 8.0 U       | <b>390</b>   |
| Chlorform                                        | 5              | < 1.0 U       | < 4.0 U      | < 8.0 U       | <b>15 JB</b> |
| cis-1,2-Dichloroethene*                          | 5              | < 1.0 U       | < 4.0 U      | < 8.0 U       | < 40 U       |
| Toluene                                          | 5              | < 1.0 U       | < 4.0 U      | < 8.0 U       | < 40 U       |
| Vinyl chloride*                                  | 2              | < 1.0 U       | < 4.0 U      | < 8.0 U       | < 40 U       |
| Total Volatile Organic Compounds                 | NL             | 0.0           | 0.0          | 0.0           | 480          |
| Total Organic Carbon (mg/L)                      | NL             | 1.7           | 7.3          | 17.9          | 40.5         |

Notes:

Bold font indicates the analyte was detected.

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

\* Site-specific Contaminants of Concern per Decision Document (December 2015). Per NYSDEC comment letter dated August 29, 2019, cis-1,2-DCE was added as a Site-Specific Contaminant of Concern.

J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentration within this range are estimated.

U - Not detected at or above reporting limit.

B - Compound was found in the blank and the sample.

NL - Not listed

NS - Not sampled

Duplicate collected at MW-44S.

**Table 6**  
**Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater | CB-1        | CB-1            | CB-1          | CB-1          | CB-1         | CB-1         | CB-1          | CB-1         | CB-1          | CB-1            | CB-1         | CB-1         |
|--------------------------------------------------|-------------|-------------|-----------------|---------------|---------------|--------------|--------------|---------------|--------------|---------------|-----------------|--------------|--------------|
| Date Collected                                   | RAO/NYCRR   | 04/09/20    | 07/23/20        | 10/05/20      | 04/01/21      | 10/22/21     | 04/12/22     | 10/07/22      | 04/06/23     | 10/17/23      | 04/10/24        | 10/09/24     | 04/07/25     |
| Lab Sample ID                                    | Objective   | 480-16849-1 | 480-172828-1    | 480-176049-1  | 480-182787-13 | 480-191327-1 | 480-196702-1 | 480-202482-1  | 480-207637-1 | 480-213813-1  | 480-218694-1    | 480-224180-1 | 480-228509-1 |
| Volatile Organic Compounds by Method 8260 (µg/L) |             |             |                 |               |               |              |              |               |              |               |                 |              |              |
| 1,1,1-Trichloroethane*                           | 5           | <b>40</b>   | ND              | ND            | <b>2.5</b>    | ND           | <b>2.2</b>   | ND            | <b>1.4</b>   | ND            | ND              | ND           | <b>2.2</b>   |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5           | <b>37</b>   | <b>4.4</b>      | <b>7.1</b>    | <b>27</b>     | <b>3.7</b>   | <b>29</b>    | <b>1.8</b>    | <b>22</b>    | <b>10</b>     | <b>9.4</b>      | ND           | <b>27</b>    |
| 1,1,2-Trichloroethane*                           | 5           | ND          | ND              | ND            | ND            | ND           | ND           | ND            | ND           | ND            | ND              | ND           | ND           |
| 1,1-Dichloroethane*                              | 5           | <b>16</b>   | <b>0.94 J</b>   | <b>1.3</b>    | <b>5.4</b>    | ND           | <b>5.4</b>   | <b>0.54 J</b> | <b>2.2</b>   | <b>2.0</b>    | <b>3.0</b>      | ND           | <b>3.8</b>   |
| 1,1-Dichloroethene*                              | 5           | <b>4.2</b>  | ND              | ND            | <b>0.64 J</b> | ND           | ND           | ND            | ND           | ND            | ND              | ND           | ND           |
| 1,2-Dichloroethane*                              | 0.6         | ND          | ND              | ND            | ND            | ND           | ND           | ND            | ND           | ND            | ND              | ND           | ND           |
| Acetone                                          | 50          | ND          | ND              | <b>3.3 J</b>  | ND            | ND           | ND           | ND            | ND           | ND            | ND              | ND           | <b>470</b>   |
| Chloroethane                                     | 5           | <b>17</b>   | ND              | <b>1.6</b>    | <b>2.5</b>    | ND           | <b>3.8</b>   | ND            | ND           | <b>1.9</b>    | <b>1.2</b>      | ND           | <b>2.7</b>   |
| cis-1,2-Dichloroethene*                          | 5           | <b>94</b>   | <b>4.2</b>      | <b>1.2</b>    | <b>24</b>     | <b>1.7 J</b> | <b>19</b>    | <b>0.93 J</b> | <b>5.9</b>   | <b>2.5</b>    | <b>10</b>       | ND           | <b>12</b>    |
| Dichlorodifluoromethane                          | 5           | ND          | ND              | ND            | ND            | ND           | ND           | ND            | ND           | ND            | ND              | ND           | <b>1.6</b>   |
| Methylene chloride                               | 5           | ND          | <b>0.89 J B</b> | ND            | ND            | ND           | ND           | ND            | ND           | ND            | <b>0.65 J B</b> | ND           | ND           |
| Tetrachloroethene*                               | 5           | ND          | ND              | ND            | ND            | ND           | ND           | ND            | ND           | ND            | ND              | ND           | ND           |
| Toluene                                          | 5           | <b>3.4</b>  | ND              | ND            | <b>0.59 J</b> | ND           | ND           | ND            | ND           | ND            | ND              | ND           | ND           |
| trans-1,2-Dichloroethene                         | 5           | <b>2.5</b>  | ND              | ND            | <b>1.0</b>    | ND           | <b>1.3</b>   | ND            | ND           | ND            | ND              | ND           | <b>4.1</b>   |
| Trichloroethene*                                 | 5           | <b>5.3</b>  | <b>2.1</b>      | <b>0.50 J</b> | <b>9.9</b>    | ND           | <b>9.3</b>   | <b>0.52 J</b> | <b>2.5</b>   | <b>0.96 J</b> | <b>2.8</b>      | ND           | <b>3.7</b>   |
| Vinyl chloride*                                  | 2           | <b>12</b>   | ND              | ND            | <b>3.1</b>    | ND           | <b>3.1</b>   | ND            | ND           | ND            | <b>1.4</b>      | ND           | <b>2.3</b>   |
| Xylenes, Total                                   | 5           | <b>5.6</b>  | ND              | ND            | <b>2.0</b>    | ND           | ND           | ND            | ND           | ND            | ND              | ND           | ND           |
| TVOC                                             | NL          | 237         | 13              | 15            | 79            | 5.4          | 73           | 3.8           | 34           | 17            | 28              | 0.0          | 529          |

**Notes:**

Storm sewer piping replaced in June 2020.

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**Table 6**  
**Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater<br>RAO/NYCRR | CB-2<br>04/09/20 | CB-2<br>07/23/20 | CB-2<br>10/05/20 | CB-2<br>04/01/20 | CB-2<br>10/22/21 | CB-2<br>04/12/22 | CB-2<br>10/07/22 | CB-2<br>04/06/23 | CB-2<br>10/17/23 | CB-2<br>04/10/24 | CB-2<br>10/09/24 | CB-2<br>04/04/25 |
|--------------------------------------------------|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Date Collected                                   | Objective                | 480-16849-2      | 480-172828-2     | 480-176049-2     | 480-182787-14    | 480-191327-2     | 480-196702-2     | 480-202482-2     | 480-207637-2     | 480-213813-2     | 480-218694-2     | 480-224180-2     | 480-228450-2     |
| Lab Sample ID                                    | Objective                | 480-16849-2      | 480-172828-2     | 480-176049-2     | 480-182787-14    | 480-191327-2     | 480-196702-2     | 480-202482-2     | 480-207637-2     | 480-213813-2     | 480-218694-2     | 480-224180-2     | 480-228450-2     |
| Volatile Organic Compounds by Method 8260 (µg/L) |                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 1,1,1-Trichloroethane*                           | 5                        | <b>35</b>        | ND               | ND               | <b>3.2</b>       | ND               | <b>1.2</b>       | ND               | ND               | <b>1.4</b>       | ND               | ND               | <b>2.4</b>       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5                        | <b>19</b>        | ND               | <b>1.6</b>       | <b>7.7</b>       | ND               | <b>8.4</b>       | ND               | <b>2.0</b>       | <b>4.7</b>       | <b>9.7</b>       | ND               | <b>6.0</b>       |
| 1,1,2-Trichloroethane*                           | 5                        | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               |
| 1,1-Dichloroethane*                              | 5                        | <b>13</b>        | <b>1.0 J</b>     | <b>6.7</b>       | <b>9.1</b>       | ND               | <b>5.8</b>       | <b>2.1</b>       | <b>1.9</b>       | <b>9.1</b>       | <b>10</b>        | <b>10</b>        | <b>4.4</b>       |
| 1,1-Dichloroethene*                              | 5                        | <b>3.9</b>       | ND               | ND               | <b>0.70 J</b>    | ND               | ND               | ND               | ND               | ND               | <b>0.93 J</b>    | ND               | ND               |
| 1,2-Dichloroethane*                              | 0.6                      | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               |
| Acetone                                          | 50                       | ND               | ND               | <b>6.0 J</b>     | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | <b>580</b>       |
| Chloroethane                                     | 5                        | <b>6.3</b>       | <b>2.3</b>       | <b>18</b>        | <b>6.2</b>       | ND               | <b>5.2</b>       | <b>4.7</b>       | ND               | <b>13</b>        | <b>4.9</b>       | <b>9.8</b>       | <b>3.7</b>       |
| cis-1,2-Dichloroethene*                          | 5                        | <b>90</b>        | ND               | <b>13</b>        | <b>48</b>        | <b>1.9 J</b>     | <b>30</b>        | <b>9.9</b>       | <b>8.6</b>       | <b>17</b>        | <b>40</b>        | <b>1.8</b>       | <b>22</b>        |
| Dichlorodifluoromethane                          | 5                        | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | <b>0.90 J</b>    |
| Methylcyclohexane                                | 5                        | ND               | ND               | ND               | <b>0.30 J</b>    | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               |
| Methylene chloride                               | 5                        | ND               | <b>1.6 J</b>     | ND               | ND               | ND               | ND               | ND               | ND               | ND               | <b>1.2 B</b>     | ND               | ND               |
| Tetrachloroethene*                               | 5                        | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               |
| Toluene                                          | 5                        | <b>3.8</b>       | ND               | ND               | <b>2.0</b>       | ND               | ND               | ND               | ND               | ND               | ND               | ND               | ND               |
| trans-1,2-Dichloroethene                         | 5                        | ND               | ND               | <b>1.2</b>       | <b>2.4</b>       | ND               | <b>1.9</b>       | ND               | ND               | <b>1.6</b>       | <b>1.9</b>       | <b>2.4</b>       | <b>4.7</b>       |
| Trichloroethene*                                 | 5                        | <b>7.6</b>       | ND               | <b>3.8</b>       | <b>20</b>        | ND               | <b>15</b>        | <b>4.9</b>       | ND               | <b>5.7</b>       | <b>12</b>        | <b>0.94 J</b>    | <b>7.0</b>       |
| Vinyl chloride*                                  | 2                        | <b>12</b>        | ND               | <b>4.4</b>       | <b>8.3</b>       | ND               | <b>4.2</b>       | <b>1.6</b>       | ND               | <b>3.0</b>       | <b>7.2</b>       | ND               | <b>4.8</b>       |
| Xylenes, Total                                   | 5                        | <b>6.6</b>       | <b>9.3</b>       | ND               | <b>6.0</b>       | ND               | <b>1.0 J</b>     | ND               | ND               | ND               | ND               | ND               | ND               |
| TVOC                                             | NL                       | 197              | 14               | 55               | 114              | 1.9              | 73               | 23.2             | 12.5             | 56               | 88               | 25               | 636              |

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Storm sewer piping replaced in June 2020.

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**Table 6**  
**Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater | CB-3         | CB-3         | CB-3          | CB-3          | CB-3          | CB-3          | CB-3         | CB-3          | CB-3         | CB-3           | CB-3        | CB-3         |
|--------------------------------------------------|-------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|----------------|-------------|--------------|
| Date Collected                                   | RAO/NYCRR   | 04/09/20     | 07/23/20     | 10/05/20      | 04/01/21      | 10/22/21      | 04/12/22      | 10/07/22     | 04/06/23      | 10/17/23     | 04/10/24       | 10/09/24    | 04/07/25     |
| Lab Sample ID                                    | Objective   | 480-16849-3  | 480-172828-3 | 480-176049-3  | 480-182787-15 | 480-191327-3  | 480-196702-3  | 480-196702-3 | 480-207637-3  | 480-213813-3 | 480-218694-3   | 480224180-3 | 480-228509-3 |
| Volatile Organic Compounds by Method 8260 (µg/L) |             |              |              |               |               |               |               |              |               |              |                |             |              |
| 1,1,1-Trichloroethane*                           | 5           | <b>2,700</b> | ND           | ND            | ND            | ND            | ND            | ND           | ND            | ND           | ND             | ND          | ND           |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5           | <b>710</b>   | ND           | <b>0.60 J</b> | <b>1.8</b>    | ND            | <b>1.5</b>    | ND           | ND            | ND           | <b>2.6</b>     | ND          | ND           |
| 1,1,2-Trichloroethane*                           | 5           | ND           | ND           | ND            | ND            | ND            | ND            | ND           | ND            | ND           | ND             | ND          | ND           |
| 1,1-Dichloroethane*                              | 5           | <b>750</b>   | <b>1.8</b>   | <b>2.6</b>    | <b>7.4</b>    | <b>1.4</b>    | <b>5.4</b>    | <b>1.0</b>   | <b>3.8</b>    | <b>1.6</b>   | <b>4.5</b>     | ND          | ND           |
| 1,1-Dichloroethene*                              | 5           | <b>240</b>   | ND           | ND            | <b>0.58 J</b> | ND            | ND            | ND           | ND            | ND           | <b>0.51 J</b>  | ND          | ND           |
| 1,2-Dichloroethane*                              | 0.6         | ND           | ND           | ND            | ND            | ND            | ND            | ND           | ND            | ND           | ND             | ND          | ND           |
| Acetone                                          | 50          | ND           | <b>9.0 J</b> | <b>6.1 J</b>  | ND            | ND            | ND            | <b>4.5 J</b> | ND            | <b>6.2 J</b> | ND             | ND          | <b>8,800</b> |
| Chloroethane                                     | 5           | <b>250</b>   | <b>3.6</b>   | <b>7.8</b>    | <b>9.4</b>    | <b>3.3</b>    | <b>6.0</b>    | <b>2.7</b>   | <b>4.3</b>    | <b>2.9</b>   | <b>4.3</b>     | ND          | ND           |
| cis-1,2-Dichloroethene*                          | 5           | <b>3,500</b> | ND           | ND            | <b>5.0</b>    | ND            | <b>1.9</b>    | ND           | <b>3.1</b>    | ND           | <b>4.7</b>     | ND          | ND           |
| Ethylbenzene                                     | 5           | <b>55</b>    | <b>1.3</b>   | ND            | <b>3.3</b>    | ND            | <b>0.85 J</b> | ND           | ND            | ND           | ND             | ND          | ND           |
| Methylcyclohexane                                | 5           | ND           | ND           | ND            | <b>1.7</b>    | <b>0.31 J</b> | <b>0.53 J</b> | ND           | ND            | ND           | ND             | 0.64 J      | ND           |
| Methylene chloride                               | 5           | ND           | ND           | ND            | ND            | ND            | ND            | ND           | ND            | ND           | <b>0.64 JB</b> | ND          | ND           |
| Tetrachloroethene*                               | 5           | ND           | ND           | ND            | ND            | ND            | ND            | ND           | ND            | ND           | ND             | ND          | ND           |
| Toluene                                          | 5           | <b>260</b>   | <b>1.7</b>   | ND            | <b>11</b>     | ND            | <b>0.90 J</b> | ND           | ND            | ND           | <b>1.5</b>     | ND          | ND           |
| trans-1,2-Dichloroethene                         | 5           | <b>56</b>    | ND           | ND            | ND            | ND            | ND            | ND           | ND            | ND           | ND             | ND          | ND           |
| Trichloroethene*                                 | 5           | <b>28</b>    | ND           | ND            | ND            | ND            | <b>0.71 J</b> | ND           | <b>0.51 J</b> | ND           | <b>0.69 J</b>  | ND          | ND           |
| Vinyl chloride*                                  | 2           | <b>600</b>   | ND           | ND            | <b>2.7</b>    | ND            | <b>1.2</b>    | ND           | ND            | ND           | <b>1.3</b>     | ND          | ND           |
| Xylenes, Total                                   | 5           | <b>270</b>   | <b>17</b>    | <b>3.8</b>    | <b>35</b>     | <b>2.1</b>    | <b>6.0</b>    | ND           | <b>1.1 J</b>  | ND           | <b>2.7</b>     | ND          | ND           |
| TVOC                                             | NL          | 9,419        | 34           | 21            | 78            | 7.1           | 25            | 8.2          | 12.8          | 10.7         | 23.4           | 0.64        | ND           |

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**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID<br>Date Collected<br>Lab Sample ID     | Groundwater<br>RAO/NYCRR<br>Objective | CB-E<br>04/09/20<br>480-16849-4 | CB-E<br>07/23/20<br>480-172828-5 | CB-E<br>10/05/20<br>480-176049-5 | CB-E<br>04/01/21<br>480-182787-16 | CB-E<br>10/22/21<br>480-191327-5 | CB-E<br>04/12/22<br>480-196702-5 | CB-E<br>10/07/22<br>480-202482-5 | CB-E<br>04/06/23<br>480-207637-5 | CB-E<br>10/17/23<br>480-213813-5 | CB-E<br>04/10/24<br>480-218694-5 | CB-E<br>10/09/24<br>480-224180-5 | CB-E<br>04/07/25<br>480-228509-5 |
|--------------------------------------------------|---------------------------------------|---------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Volatile Organic Compounds by Method 8260 (µg/L) |                                       |                                 |                                  |                                  |                                   |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |
| 1,1,1-Trichloroethane*                           | 5                                     | <b>11</b>                       | ND                               | ND                               | <b>1.4</b>                        | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5                                     | <b>15</b>                       | <b>0.49 J</b>                    | ND                               | <b>3.7</b>                        | ND                               | <b>2.3</b>                       | ND                               | <b>1.6</b>                       | ND                               | <b>7.0</b>                       | ND                               | <b>7.7</b>                       |
| 1,1,2-Trichloroethane*                           | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| 1,1-Dichloroethane*                              | 5                                     | <b>11</b>                       | <b>3.3</b>                       | <b>2.5</b>                       | <b>17</b>                         | <b>2.4</b>                       | <b>9.1</b>                       | <b>1.6</b>                       | <b>6.5</b>                       | <b>4.3</b>                       | <b>11</b>                        | ND                               | <b>8.9</b>                       |
| 1,1-Dichloroethene*                              | 5                                     | <b>4.1</b>                      | ND                               | ND                               | <b>1.5</b>                        | ND                               | <b>0.50 J</b>                    | ND                               | ND                               | ND                               | <b>1.4</b>                       | ND                               | <b>1.1 J</b>                     |
| 1,2-Dichloroethane*                              | 0.6                                   | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| Acetone                                          | 50                                    | ND                              | <b>5.6 J</b>                     | <b>4.3 J</b>                     | ND                                | ND                               | ND                               | <b>3.7 J</b>                     | ND                               | <b>19</b>                        | ND                               | ND                               | <b>6.900</b>                     |
| Chloroethane                                     | 5                                     | <b>7.0</b>                      | <b>6.2</b>                       | <b>9.8</b>                       | <b>23</b>                         | <b>6.8</b>                       | <b>11</b>                        | <b>3.4</b>                       | <b>8.3</b>                       | <b>8.0</b>                       | <b>12</b>                        | <b>0.45 J</b>                    | <b>14</b>                        |
| cis-1,2-Dichloroethene*                          | 5                                     | <b>33</b>                       | <b>0.99 J</b>                    | ND                               | <b>12</b>                         | ND                               | <b>3.0</b>                       | ND                               | <b>5.7</b>                       | ND                               | <b>11</b>                        | ND                               | <b>9.0</b>                       |
| Dichlorodifluoromethane                          | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | <b>4.3</b>                       |
| Ethylbenzene                                     | 5                                     | <b>2.6</b>                      | <b>2.6</b>                       | <b>2.1</b>                       | <b>2.1</b>                        | <b>1.5</b>                       | <b>1.9</b>                       | ND                               | <b>1.5</b>                       | ND                               | <b>1.2</b>                       | ND                               | <b>2.2</b>                       |
| Methylcyclohexane                                | 5                                     | <b>0.54</b>                     | <b>0.45 J</b>                    | <b>0.27 J</b>                    | <b>3.9</b>                        | <b>0.45 J</b>                    | <b>0.79 J</b>                    | ND                               | <b>0.31 J</b>                    | <b>0.21 J</b>                    | <b>0.63 J</b>                    | ND                               | <b>1.1 J</b>                     |
| Methylene chloride                               | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | <b>0.79 JB</b>                   | ND                               | ND                               |
| Tetrachloroethene*                               | 5                                     | ND                              | ND                               | ND                               | <b>0.58 J</b>                     | ND                               | ND                               | ND                               | ND                               | ND                               | <b>0.36 J</b>                    | ND                               | ND                               |
| Toluene                                          | 5                                     | <b>5.8</b>                      | <b>3.4</b>                       | <b>1.4</b>                       | <b>37</b>                         | ND                               | <b>2.0</b>                       | ND                               | ND                               | ND                               | <b>6.2</b>                       | ND                               | ND                               |
| trans-1,2-Dichloroethene                         | 5                                     | ND                              | ND                               | ND                               | <b>1.1</b>                        | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| Trichloroethene*                                 | 5                                     | ND                              | ND                               | ND                               | <b>0.99 J</b>                     | ND                               | <b>1.1</b>                       | ND                               | <b>1.0</b>                       | ND                               | <b>1.4</b>                       | ND                               | ND                               |
| Vinyl chloride*                                  | 2                                     | <b>6.0</b>                      | ND                               | ND                               | <b>8.3</b>                        | ND                               | <b>2.8</b>                       | ND                               | <b>2.7</b>                       | ND                               | ND                               | ND                               | <b>4.9</b>                       |
| Xylenes, Total                                   | 5                                     | <b>36</b>                       | <b>41</b>                        | <b>30</b>                        | <b>120</b>                        | <b>4.3</b>                       | <b>12</b>                        | ND                               | <b>2.8</b>                       | ND                               | <b>12</b>                        | ND                               | <b>9.2</b>                       |
| TVOC                                             | NL                                    | 132                             | 64                               | 50                               | 233                               | 15.5                             | 45                               | 9.6                              | 30.4                             | 31.5                             | 65                               | 0.45                             | 6,962                            |

Notes:

Storm sewer piping replaced in June 2020.

Bold font indicates the analyte was detected.

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

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**Table 6**  
**Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater | CB-4        | CB-4          | CB-4          | CB-4          | CB-4         | CB-4         | CB-4         | CB-4         | CB-4         | CB-4         | CB-4          | CB-4         |
|--------------------------------------------------|-------------|-------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Date Collected                                   | RAO/NYCRR   | 04/09/20    | 07/23/20      | 10/05/20      | 04/01/21      | 10/22/21     | 04/12/22     | 10/07/22     | 04/06/23     | 10/17/23     | 04/10/24     | 10/17/23      | 04/07/25     |
| Lab Sample ID                                    | Objective   | 480-16849-5 | 480-172828-4  | 480-176049-4  | 480-182787-17 | 480-191327-4 | 480-196702-5 | 480-202482-4 | 480-207637-4 | 480-213813-4 | 480-218694-4 | 480-213813-4  | 480-228509-4 |
| Volatile Organic Compounds by Method 8260 (µg/L) |             |             |               |               |               |              |              |              |              |              |              |               |              |
| 1,1,1-Trichloroethane*                           | 5           | <b>59</b>   | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5           | <b>59</b>   | ND            | <b>1.9</b>    | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| 1,1,2-Trichloroethane*                           | 5           | ND          | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| 1,1-Dichloroethane*                              | 5           | <b>53</b>   | ND            | <b>2.6</b>    | ND            | ND           | ND           | ND           | ND           | ND           | ND           | <b>1.0</b>    | ND           |
| 1,1-Dichloroethene*                              | 5           | <b>28</b>   | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| 1,2-Dichloroethane*                              | 0.6         | ND          | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| Acetone                                          | 50          | ND          | <b>3.7 J</b>  | ND            | <b>3.7 J</b>  | ND           | ND           | ND           | ND           | <b>3.0 J</b> | ND           | ND            | <b>79</b>    |
| Chloroethane                                     | 5           | <b>29</b>   | <b>0.40 J</b> | <b>2.7</b>    | ND            | ND           | ND           | ND           | ND           | ND           | ND           | <b>0.66 J</b> | ND           |
| cis-1,2-Dichloroethene*                          | 5           | <b>200</b>  | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| Methylene chloride                               | 5           | ND          | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | 0.63 JB      | ND            | ND           |
| Tetrachloroethene*                               | 5           | ND          | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| Trichloroethene*                                 | 5           | ND          | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| Vinyl chloride*                                  | 2           | <b>27</b>   | ND            | ND            | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| Xylenes, Total                                   | 5           | ND          | ND            | <b>0.79 J</b> | ND            | ND           | ND           | ND           | ND           | ND           | ND           | ND            | ND           |
| TVOC                                             | NL          | 455         | 4.1           | 8.0           | 3.7           | 0.0          | 0.0          | 0.0          | 0.0          | 3.0          | 0.6          | 1.7           | 79           |

**Notes:**

Storm sewer piping replaced in June 2020.

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**Table 6**  
**Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID<br>Date Collected<br>Lab Sample ID     | Groundwater<br>RAO/NYCRR<br>Objective | TP-5<br>04/09/20<br>480-16849-6 | TP-5<br>07/23/20<br>480-172828-6 | TP-5<br>10/05/20<br>480-176049-6 | TP-5<br>04/01/21<br>480-182787-18 | TP-5<br>10/22/21<br>480-191327-6 | TP-5<br>04/12/22<br>480-196702-6 | TP-5<br>10/07/22<br>480-202482-6 | TP-5<br>04/06/23<br>480-207637-6 | TP-5<br>10/17/23<br>480-213813-6 | TP-5<br>04/10/24<br>480-218694-6 | TP-5<br>10/09/24<br>480-224180-6 | TP-5<br>04/07/25<br>480-228509-6 |
|--------------------------------------------------|---------------------------------------|---------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Volatile Organic Compounds by Method 8260 (µg/L) |                                       |                                 |                                  |                                  |                                   |                                  |                                  |                                  |                                  |                                  |                                  |                                  |                                  |
| 1,1,1-Trichloroethane*                           | 5                                     | 25                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| 1,1,2-Trichloro-1,2,2-trifluoroethane            | 5                                     | 25                              | 2.7                              | 3.2                              | 2.6                               | 1.0                              | 1.1                              | 1.0                              | ND                               | ND                               | ND                               | 3.9                              | 1.8                              |
| 1,1,2-Trichloroethane*                           | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| 1,1-Dichloroethane*                              | 5                                     | 10                              | 1.4                              | 1.0                              | ND                                | ND                               | 0.55 J                           | ND                               | ND                               | 0.40 J                           | ND                               | 1.2                              | ND                               |
| 1,1-Dichloroethene*                              | 5                                     | 2.9                             | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | 0.62 J                           | ND                               |
| 1,2-Dichloroethane*                              | 0.6                                   | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| 2-Butanone (MEK)                                 | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | 4.1 J                            | ND                               | ND                               | ND                               |
| Acetone                                          | 50                                    | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | 57                               | ND                               | 4.6 J                            | 51                               |
| Chloroethane                                     | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | 0.51 J                           | ND                               | ND                               | ND                               |
| Chloroform                                       | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | 0.45 J                           | 0.50 J                           |
| Chloromethane                                    | 5                                     | 4.4                             | 0.61 J                           | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| cis-1,2-Dichloroethene*                          | 5                                     | 58                              | 3.4                              | 1.7                              | 1.9                               | ND                               | ND                               | ND                               | ND                               | 1.0                              | ND                               | 1.1                              | 0.98 J                           |
| Methylcyclohexane                                | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | 0.74 J                           | ND                               |
| Methylene chloride                               | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | 0.57 J                           | ND                               | ND                               |
| Tetrachloroethene*                               | 5                                     | ND                              | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| trans-1,2-Dichloroethene                         | 5                                     | 1.4                             | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | 4.7                              |
| Trichloroethene*                                 | 5                                     | 2.6                             | 0.81 J                           | 0.88 J                           | 0.87 J                            | 0.76 J                           | 0.48 J                           | 0.76 J                           | ND                               | ND                               | ND                               | 0.67 J                           | ND                               |
| Vinyl chloride*                                  | 2                                     | 4.9                             | ND                               | ND                               | ND                                | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               | ND                               |
| TVOC                                             | NL                                    | 134                             | 8.9                              | 6.8                              | 5.4                               | 1.8                              | 2.1                              | 1.8                              | 0.0                              | 58.9                             | 0.57                             | 12.2                             | 59.0                             |

Notes:

Storm sewer piping replaced in June 2020.

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**Table 6**  
**Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID                                        | Groundwater | TP-6        | TP-6         | TP-6         | TP-6          | TP-6         | TP-6         | TP-6          | TP-6         | TP-6          | TP-6          | TP-6         | TP-6         |
|--------------------------------------------------|-------------|-------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|---------------|---------------|--------------|--------------|
| Date Collected                                   | RAO/NYCRR   | 04/09/20    | 07/23/20     | 10/05/20     | 04/01/21      | 10/22/21     | 04/12/22     | 10/07/22      | 04/06/23     | 10/17/23      | 04/10/24      | 10/09/24     | 04/07/25     |
| Lab Sample ID                                    | Objective   | 480-16849-7 | 480-172828-7 | 480-176049-7 | 480-182787-19 | 480-191327-7 | 480-196702-7 | 480-202482-7  | 480-207637-6 | 480-213813-7  | 480-218694-7  | 480-224180-7 | 480-228509-7 |
| Volatile Organic Compounds by Method 8260 (µg/L) |             |             |              |              |               |              |              |               |              |               |               |              |              |
| 1,1,1-Trichloroethane*                           | 5           | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| 1,1,2-Trichloroethane*                           | 5           | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| 1,1-Dichloroethane*                              | 5           | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| 1,1-Dichloroethene*                              | 5           | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| 1,2-Dichloroethane*                              | 0.6         | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| Acetone                                          | 50          | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | <b>3.1 J</b>  | ND            | ND           | ND           |
| Carbon Disulfide                                 | 5           | ND          | ND           | ND           | ND            | ND           | ND           | <b>0.39 J</b> | ND           | <b>0.21 J</b> | ND            | ND           | ND           |
| cis-1,2-Dichloroethene*                          | 5           | <b>1.3</b>  | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| Methylene chloride                               | 5           | <b>0.50</b> | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | <b>0.72 J</b> | ND           | ND           |
| Tetrachloroethene*                               | 5           | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| Trichloroethene*                                 | 5           | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| Vinyl chloride*                                  | 2           | ND          | ND           | ND           | ND            | ND           | ND           | ND            | ND           | ND            | ND            | ND           | ND           |
| TVOC                                             | NL          | 1.8         | 0.0          | 0.0          | 0.0           | 0.0          | 0.0          | 0.0           | 0.0          | 5.1           | 0.7           | 0.0          | ND           |

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**Table 7**  
**Bioattenuation Screening Summary - October 2024**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Parameter              | Units | Criteria        | Score Value | Monitoring Well Identification |       |               |       |               |       |               |       |               |       |                |       |
|------------------------|-------|-----------------|-------------|--------------------------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|----------------|-------|
|                        |       |                 |             | A1-GP18-S                      |       | A1-GP10-S     |       | MW-42S        |       | A1-GP06-S     |       | MW-40D        |       | MW-38D         |       |
|                        |       |                 |             | (side-gradient/<br>background) |       | (source area) |       | (source area) |       | (source area) |       | (source area) |       | (downgradient) |       |
|                        |       |                 |             | 10/7/24                        | Score | 10/7/24       | Score | 10/4/24       | Score | 10/7/24       | Score | 10/4/24       | Score | 10/7/24        | Score |
| Dissolved Oxygen       | mg/L  | < 0.5 mg/L      | 3           |                                |       |               |       | 0.33          | 3     | 0.32          | 3     | 0.49          | 3     |                |       |
|                        |       | > 5 mg/L        | -3          | 1.09                           | 0     | 2.97          | 0     |               |       |               |       |               |       | 0.67           | 0     |
| Nitrate                | mg/L  | < 1 mg/L        | 2           | <0.050                         | 2     | <0.050        | 2     | <0.050        | 2     | <0.050        | 2     | <0.050        | 2     | <0.050         | 2     |
| Ferrous Iron           | mg/L  | > 1 mg/L        | 3           | <0.10                          | 0     | 0.72          | 0     | 15.4          | 3     | 0.11          | 0     | 0.18          | 0     | <0.10          | 0     |
| Sulfate                | mg/L  | < 20 mg/L       | 2           | 5.0                            | 2     | 2.1           | 2     | <10.0         | 2     | 3.1           | 2     | <10           | 2     | <10            | 2     |
| Sulfide                | mg/L  | > 1 mg/L        | 3           | <1.0                           | 0     | <1.0          | 0     | <1.0          | 0     | <1.0          | 0     | <1.0          | 0     | <1.0           | 0     |
| Methane                | µg/L  | < 500 µg/L      | 0           |                                |       |               |       |               |       |               |       |               |       |                |       |
|                        |       | > 500 µg/L      | 3           | 9,500                          | 3     | 11,000        | 3     | 17,000        | 3     | 16,000        | 3     | 21,000        | 3     | 26,000         | 3     |
| Ethene                 | µg/L  | > 10 µg/L       | 2           | <150                           | 0     | 53            | 2     | 1,100         | 2     | <150          | 0     | <7            | 0     | <150           | 0     |
| Ethane                 | µg/L  | > 100 µg/L      | 3           | <170                           | 0     | <170          | 0     | <830          | 0     | <170          | 0     | 1.5           | 0     | <170           | 0     |
| ORP                    | mV    | < 50 mV         | 1           |                                |       |               |       | -76.5         | 1     |               |       |               |       |                |       |
|                        |       | < -100 mV       | 2           | -127.8                         | 2     | -136.1        | 2     |               |       | -226.9        | 2     | -222.5        | 2     | -118.3         | 2     |
| pH                     | s.u.  | 5 < pH < 9      | 0           | 7.38                           | 0     | 7.03          | 0     | 6.22          | 0     | 7.67          | 0     | 7.89          | 0     | 8.12           | 0     |
|                        |       | 5 > pH > 9      | -2          |                                |       |               |       |               |       |               |       |               |       |                |       |
| Temperature            | °C    | > 20°C          | 1           | 13.27                          | 0     | 19.41         | 0     | 19.49         | 0     | 21.81         | 1     | 15.86         | 0     | 14.77          | 0     |
| TOC                    | mg/L  | > 20 mg/L       | 2           | 2.1                            | 0     | 165           | 2     | 537           | 2     | 42            | 2     | 61            | 2     | 15.4           | 0     |
| Carbon Dioxide         | µg/L  | > 2x background | 1           | 31,000                         | 0     | 120,000       | 1     | 170,000       | 1     | 45,000        | 0     | 43,000        | 0     | 25,000         | 0     |
| Alkalinity             | mg/L  | > 2x background | 1           | 460                            | 0     | 779           | 0     | 650           | 0     | 498           | 0     | 652           | 0     | 673            | 0     |
| PCE <sup>1</sup>       | µg/L  | ----            | 0           | ND                             | 0     | ND            | 0     | ND            | 0     | ND            | 0     | ND            | 0     | ND             | 0     |
| TCE <sup>2</sup>       | µg/L  | ----            | 0           | ND                             | 0     | ND            | 0     | ND            | 0     | ND            | 0     | ND            | 0     | ND             | 0     |
| DCE <sup>3</sup>       | µg/L  | ----            | 2           | ND                             | 0     | ND            | 0     | 260           | 2     | ND            | 0     | ND            | 0     | ND             | 0     |
| VC <sup>4</sup>        | µg/L  | ----            | 2           | ND                             | 0     | ND            | 0     | 550           | 2     | ND            | 0     | ND            | 0     | ND             | 0     |
| 1,1,1-TCA <sup>5</sup> | µg/L  | ----            | 0           | ND                             | 0     | ND            | 0     | ND            | 0     | ND            | 0     | ND            | 0     | ND             | 0     |
| 1,1-DCA <sup>6</sup>   | µg/L  | ----            | 2           | ND                             | 0     | 1,000         | 2     | 290           | 2     | 13            | 2     | ND            | 0     | ND             | 0     |
| CA <sup>7</sup>        | µg/L  | ----            | 2           | ND                             | 0     | 36,000        | 2     | 5,500         | 2     | 780           | 2     | ND            | 0     | ND             | 0     |
|                        |       |                 |             |                                | 9     |               | 18    |               | 27    |               | 19    |               | 14    |                | 9     |

**Notes:**

DCE = dichloroethene

°C = degrees Celsius

µg/L = micrograms per liter

mg/L = milligrams per liter

mV = millivolts

ORP = oxidation-reduction potential

s.u. = standard unit

PCE = tetrachloroethene

TCE = trichloroethene

CA = chloroethane

\* MNA parameters **not** collected so cannot adequately evaluate and score

**0 to 5 points:** There is inadequate evidence for anaerobic biodegradation of chlorinated organics.

**6 to 14 points:** There is limited evidence for anaerobic biodegradation of chlorinated organics.

**15 to 20 points:** There is adequate evidence for anaerobic biodegradation of chlorinated organics.

**>20 points:** There is strong evidence for anaerobic biodegradation of chlorinated organics.

Monitoring wells outside the contaminant plume.

<sup>1</sup> = Material Released

<sup>2</sup> = Daughter product of PCE

<sup>3</sup> = Daughter product of TCE (score if cis-1,2-DCE is 80% of total DCE)

<sup>4</sup> = Daughter product of DCE

<sup>5</sup> = Material Released

<sup>6</sup> = Daughter product of 1,1,1-TCA under reducing conditions

<sup>7</sup> = Daughter product of 1,1-DCA or VC under reducing conditions

**Table 8**  
**Bioattenuation Screening Summary - April 2025**  
**Former Scott Aviation Facility**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Parameter              | Units | Criteria        | Score Value | Monitoring Well Identification              |       |                            |       |                         |       |                            |       |                         |       |                          |       |
|------------------------|-------|-----------------|-------------|---------------------------------------------|-------|----------------------------|-------|-------------------------|-------|----------------------------|-------|-------------------------|-------|--------------------------|-------|
|                        |       |                 |             | A1-GP18-S<br>(side-gradient/<br>background) |       | A1-GP10-S<br>(source area) |       | MW-42S<br>(source area) |       | A1-GP06-S<br>(source area) |       | MW-40D<br>(source area) |       | MW-38D<br>(downgradient) |       |
|                        |       |                 |             |                                             | Score |                            | Score |                         | Score |                            | Score |                         | Score |                          | Score |
| Dissolved Oxygen       | mg/L  | < 0.5 mg/L      | 3           |                                             |       |                            |       |                         |       |                            |       |                         |       |                          |       |
|                        |       | > 5 mg/L        | -3          | 0.98                                        | 0     | 1.30                       | 0     | 0.81                    | 0     | 1.10                       | 0     | 0.75                    | 0     | 0.79                     | 0     |
| Nitrate                | mg/L  | < 1 mg/L        | 2           | <0.10                                       | 2     | <0.10                      | 2     | <0.050                  | 2     | <0.10                      | 2     | <0.050                  | 2     | <0.050                   | 2     |
| Ferrous Iron           | mg/L  | > 1 mg/L        | 3           | 0.49                                        | 0     | 0.45                       | 0     | 12.6                    | 3     | 0.89                       | 0     | 4.0                     | 3     | 0.48                     | 0     |
| Sulfate                | mg/L  | < 20 mg/L       | 2           | 41.8                                        | 0     | 4.1                        | 2     | <10.0                   | 2     | 7.2                        | 2     | <10                     | 2     | 7.2                      | 2     |
| Sulfide                | mg/L  | > 1 mg/L        | 3           | 0.80                                        | 0     | <1.0                       | 0     | <1.0                    | 0     | <1.0                       | 0     | <1.0                    | 0     | <1.0                     | 0     |
| Methane                | µg/L  | < 500 µg/L      | 0           |                                             |       |                            |       |                         |       |                            |       |                         |       |                          |       |
|                        |       | > 500 µg/L      | 3           | 940                                         | 3     | 9,400                      | 3     | 27,000                  | 3     | 14,000                     | 3     | 22,000                  | 3     | 24,000                   | 3     |
| Ethene                 | µg/L  | > 10 µg/L       | 2           | 1.7                                         | 0     | 53                         | 2     | 1,600                   | 2     | 8.0                        | 0     | 2.5                     | 0     | 3.8                      | 0     |
| Ethane                 | µg/L  | > 100 µg/L      | 3           | 3.0                                         | 0     | 22                         | 0     | 150                     | 3     | 3.6                        | 0     | 4.3                     | 0     | 9.8                      | 0     |
| ORP                    | mV    | < 50 mV         | 1           | -81.8                                       | 1     | -27.4                      | 1     | -50.3                   | 1     | -98.7                      | 1     |                         |       | -64.4                    | 1     |
|                        |       | < -100 mV       | 2           |                                             |       |                            |       |                         |       |                            |       | -158.7                  | 2     |                          |       |
| pH                     | s.u.  | 5 < pH < 9      | 0           | 7.83                                        | 0     | 7.25                       | 0     | 7.09                    | 0     | 7.85                       | 0     | 8.62                    | 0     | 8.02                     | 0     |
|                        |       | 5 > pH > 9      | -2          |                                             |       |                            |       |                         |       |                            |       |                         |       |                          |       |
| Temperature            | °C    | > 20°C          | 1           | 8.40                                        | 0     | 9.90                       | 0     | 9.60                    | 0     | 10.10                      | 0     | 10.70                   | 0     | 10.30                    | 0     |
| TOC                    | mg/L  | > 20 mg/L       | 2           | 8.3                                         | 0     | 171                        | 2     | 537                     | 2     | 17.1                       | 0     | 61                      | 2     | 7.3                      | 0     |
| Carbon Dioxide         | µg/L  | > 2x background | 1           | 44,000                                      | 0     | 100,000                    | 1     | 200,000                 | 1     | 56,000                     | 0     | 12,000                  | 0     | 22,000                   | 0     |
| Alkalinity             | mg/L  | > 2x background | 1           | 253                                         | 0     | 501                        | 0     | 1140                    | 1     | 332                        | 0     | 459                     | 0     | 416                      | 0     |
| PCE <sup>1</sup>       | µg/L  | ----            | 0           | ND                                          | 0     | ND                         | 0     | ND                      | 0     | ND                         | 0     | ND                      | 0     | ND                       | 0     |
| TCE <sup>2</sup>       | µg/L  | ----            | 0           | ND                                          | 0     | ND                         | 0     | ND                      | 0     | ND                         | 0     | ND                      | 0     | ND                       | 0     |
| DCE <sup>3</sup>       | µg/L  | ----            | 2           | ND                                          | 0     | ND                         | 0     | ND                      | 0     | ND                         | 0     | ND                      | 0     | ND                       | 0     |
| VC <sup>4</sup>        | µg/L  | ----            | 2           | ND                                          | 0     | ND                         | 0     | 220                     | 2     | ND                         | 0     | ND                      | 0     | ND                       | 0     |
| 1,1,1-TCA <sup>5</sup> | µg/L  | ----            | 0           | ND                                          | 0     | ND                         | 0     | ND                      | 0     | ND                         | 0     | ND                      | 0     | ND                       | 0     |
| 1,1-DCA <sup>6</sup>   | µg/L  | ----            | 2           | ND                                          | 0     | 580                        | 2     | 460                     | 2     | 39                         | 2     | 75                      | 2     | ND                       | 0     |
| CA <sup>7</sup>        | µg/L  | ----            | 2           | ND                                          | 0     | 40,000                     | 2     | 12,000                  | 2     | 740                        | 2     | 390                     | 2     | ND                       | 0     |
|                        |       |                 |             |                                             | 6     |                            | 17    |                         | 26    |                            | 12    |                         | 18    |                          | 8     |

**Notes:**

DCE = dichloroethene

°C = degrees Celsius

µg/L = micrograms per liter

mg/L = milligrams per liter

mV = millivolts

ORP = oxidation-reduction potential

s.u. = standard unit

PCE = tetrachloroethene

TCE = trichloroethene

CA = chloroethane

\* MNA parameters **not** collected so cannot adequately evaluate and score

**0 to 5 points:** There is inadequate evidence for anaerobic biodegradation of chlorinated organics.

**6 to 14 points:** There is limited evidence for anaerobic biodegradation of chlorinated organics.

**15 to 20 points:** There is adequate evidence for anaerobic biodegradation of chlorinated organics.

**>20 points:** There is strong evidence for anaerobic biodegradation of chlorinated organics.

Monitoring wells outside the contaminant plume.

<sup>1</sup> = Material Released

<sup>2</sup> = Daughter product of PCE

<sup>3</sup> = Daughter product of TCE (score if cis-1,2-DCE is 80% of total DCE)

<sup>4</sup> = Daughter product of DCE

<sup>5</sup> = Material Released

<sup>6</sup> = Daughter product of 1,1,1-TCA under reducing conditions

<sup>7</sup> = Daughter product of 1,1-DCA or VC under reducing conditions

**Table 9**  
**Pre- and Post-Bioaugmentation Injection VFA Data Comparison**  
**Former Scott Aviation Facility - Area 1 BCP Site**  
**NYSDEC Site Code No. C915233**  
**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-42S    | 8/26/2021   | 50                     | <0.39   | 574     | 148        | <0.22   | 108      | 26       |
| MW-42S    | 12/9/2021   | 50                     | <0.39   | 476     | 118        | <0.22   | 75       | 18       |
| MW-42S    | 4/8/2022    | 1,000                  | <7.8    | 813     | 124        | 7.2     | 81       | 18       |
| MW-42S    | 10/10/2022  | 1,000                  | <7.8    | 1,253   | 12         | <4.4    | 71       | 34       |
| MW-42S    | 4/12/2023   | 1,000                  | <12     | 816     | <0.10      | <25     | 50       | 16       |
| MW-42S    | 10/12/2023  | 1,000x                 | <10     | 3,654   | 4,008      | <5.0    | 1,733    | 396      |
| MW-42S    | 4/11/2024   | 1,000x                 | <10     | 431     | 145        | <5.0    | 30 J     | <15      |
| MW-42S    | 10/4/2024   | 1,000x                 | 25 J    | 457     | 376        | <5.0    | <1.2     | <15      |
| MW-42S    | 4/4/2025    | 1,000x                 | <10     | 660     | 389        | <6.0    | 66       | <10      |
| A1-GP10-S | 8/26/2021   | 50                     | <0.39   | 471     | 68         | <0.22   | 46       | 5.3      |
| A1-GP10-S | 12/9/2021   | 50                     | <0.39   | 494     | 151        | 6.3     | 55       | 15       |
| A1-GP10-S | 4/8/2022    | 50                     | 7.9     | 147     | 35         | 0.4     | 18       | 4.7      |
| A1-GP10-S | 10/10/2022  | 1,000                  | <7.8    | 609     | <6.2       | <4.4    | 23       | <13.8    |
| A1-GP10-S | 4/12/2023   | 50                     | <0.62   | 14      | <0.10      | <1.3    | <0.06    | <0.15    |
| A1-GP10-S | 10/12/2023  | 1,000x                 | <10     | 1,166   | 1,000      | <5.0    | 332      | 76       |
| A1-GP10-S | 4/11/2024   | 1,000x                 | <10     | 852     | 773        | 16 J    | 224      | <15      |
| A1-GP10-S | 10/7/2024   | 1,000x                 | 24 J    | 806     | 191        | 12 J    | 77       | <15      |
| A1-GP10-S | 4/4/2025    | 1,000x                 | <10     | 593     | 105        | 40      | 29       | <10      |

Notes:

VFA - Volatile Fatty Acids

mg/L - milligrams per liter

Biougmentation injection occurred 9/2021

Electron donor injection occurred 7/2023

J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentrations within this range are estimated.



**Table 10**  
**Pre- and Post-Bioaugmentation Injection Gene-Trac Data Comparison**  
**Former Scott Aviation Facility - Area 1 BCP Site**  
**NYSDEC Site Code No. C915233**  
**Lancaster, New York**

| Sample ID | Sample Date | <i>Dehalococcoides</i><br>(Dhc) |                    | <i>Dehalobacter</i><br>(Dhb) |                    | VC Reductase<br>( <i>vcrA</i> ) |                      | BAV1 VC Reductase<br>( <i>bvcA</i> ) |                      | TCE Reductase<br>( <i>tceA</i> ) |                      |
|-----------|-------------|---------------------------------|--------------------|------------------------------|--------------------|---------------------------------|----------------------|--------------------------------------|----------------------|----------------------------------|----------------------|
|           |             | Percent<br>Dhc                  | Enumeration/Liter  | Percent<br>Dhb               | Gene Copies/Liter  | Percent<br><i>vcrA</i>          | Gene<br>Copies/Liter | Percent<br><i>bvcA</i>               | Gene<br>Copies/Liter | Percent<br><i>tceA</i>           | Gene<br>Copies/Liter |
| MW-42S    | 8/26/2021   | 5 - 13 %                        | $2 \times 10^8$    | 0.2 - 0.5 %                  | $6 \times 10^6$    | 8 - 21 %                        | $3 \times 10^8$      | 0.007 - 0.02 %                       | $2 \times 10^5$      | 0.6 - 2 %                        | $2 \times 10^7$      |
| MW-42S    | 12/9/2021   | 2 - 5 %                         | $2 \times 10^8$    | 0.1 - 0.3 %                  | $1 \times 10^7$    | 2 - 6 %                         | $2 \times 10^8$      | 0.001 - 0.004 %                      | $1 \times 10^5$      | 0.08 - 0.2 %                     | $8 \times 10^6$      |
| MW-42S    | 4/8/2022    | 5 - 14 %                        | $2 \times 10^8$    | 0.1 - 0.4 %                  | $5 \times 10^6$    | 5 - 15 %                        | $2 \times 10^8$      | 0.01 - 0.03 %                        | $4 \times 10^5$      | 0.3 - 0.8 %                      | $1 \times 10^7$      |
| MW-42S    | 10/2/2022   | 4 - 11 %                        | $1 \times 10^8$    | 0.1 - 0.3 %                  | $3 \times 10^6$    | 2 - 6 %                         | $2 \times 10^7$      | 0.0006 - 0.002 %                     | $4 \times 10^4$      | 0.2 - 0.7 %                      | $1 \times 10^6$      |
| MW-42S    | 4/12/2023   | 0.7 - 2 %                       | $1 \times 10^7$    | 0.03 - 0.1 %                 | $6 \times 10^5$    | 0.7 - 2 %                       | $1 \times 10^7$      | 0.002 - 0.005 %                      | $3 \times 10^4$      | 0.1 - 0.3 %                      | $2 \times 10^6$      |
| MW-42S    | 10/12/2023  | 0.1 - 0.3 %                     | $1 \times 10^7$    | 0.005 - 0.02 %               | $7 \times 10^5$    | 0.08 - 0.2 %                    | $1 \times 10^7$      | 0.0007 - 0.002 %                     | $9 \times 10^4$      | 0.01 - 0.04 %                    | $2 \times 10^6$      |
| MW-42S    | 4/11/2024   | 0.2 %                           | $1.17 \times 10^7$ | 0.03 %                       | $2.14 \times 10^6$ | 0.2 %                           | $1.15 \times 10^7$   | 0.003 %                              | $2.54 \times 10^5$   | 0.04 %                           | $2.69 \times 10^6$   |
| MW-42S    | 10/4/2024   | 0.266 %                         | $4.10 \times 10^7$ | 0.0432 %                     | $6.65 \times 10^6$ | 0.169 %                         | $2.60 \times 10^7$   | 0.00136 %                            | $2.10 \times 10^5$   | 0.0790 %                         | $1.22 \times 10^7$   |
| MW-42S    | 4/4/2025    | 1.29%                           | $4.03 \times 10^8$ | 0.0718%                      | $2.24 \times 10^7$ | 0.370%                          | $1.15 \times 10^8$   | 0.00446%                             | $1.39 \times 10^6$   | 0.648%                           | $2.02 \times 10^8$   |

## **Appendix A Pre-Injection and Post-Injection Groundwater Quality Data**



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| Well ID | Event / Description | Date | Elapsed Time (Days) | Well               |                                    | Field Parameters                   |                           | VOCs  | Dissolved Gasses | Wet Chemistry |                         |                                    |                              |                 |                  |                              |                       |                                       |                       | Q Potential (DNA)  |                    |                    |            |                  |                      |         |         |                  |              |            |               |                        |                        |              |                   |                    |                |                   |         |                          |                 |                |                |                |        |        |         |         |           |             |         |         |             |         |     |     |                  |             |      |             |             |             |                |                |          |              |                         |                  |                |                    |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  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|         |                     |      |                     | Total Depth (feet) | Water Level Measurement (ft. ATOC) | Top of Casing Elevation (ft. AMSL) | Head Elevation (ft. AMSL) |       |                  | pH            | Dissolved Oxygen (mg/L) | Oxidation Reduction Potential (mV) | Specific Conductance (mS/cm) | Turbidity (NTU) | Temperature (°C) | Carbon, Total Organic (mg/L) | 1,1,1-Trichloroethane | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | 2-Hexanone | 2-Butanone (MEK) | 4-Methyl-2-pentanone | Acetone | Benzene | Carbon Disulfide | Chloroethane | Chloroform | Chloromethane | cis-1,2-Dichloroethene | Dichlorodifluoroethane | Ethylbenzene | Methylcyclohexane | Methylene chloride | Methyl Acetate | Tetrachloroethane | Toluene | trans-1,2-Dichloroethene | Trichloroethane | Vinyl chloride | Xylenes, Total | Carbon Dioxide | Ethane | Ethene | Methane | Nitrate | Magnesium | Ferric iron | Sulfate | Nitrite | Phosphorous | Ammonia | COD | BOD | Total Alkalinity | Ferrous Ion | Iron | Acetic Acid | Formic Acid | Lactic Acid | n-Butyric Acid | Propionic Acid | Chloride | Pyruvic Acid | Dehalococcoides spp (1) | Functional Genes |                |                    |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
|         |                     |      |                     |                    |                                    |                                    |                           |       |                  |               |                         |                                    |                              |                 |                  |                              |                       |                                       |                       |                    |                    |                    |            |                  |                      |         |         |                  |              |            |               |                        |                        |              |                   |                    |                |                   |         |                          |                 |                |                |                |        |        |         |         |           |             |         |         |             |         |     |     |                  |             |      |             |             |             |                |                |          |              |                         |                  | TCE R-Base (1) | BAV1 VC R-Base (1) | VC R-Base |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  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|         |                     |      |                     |                    |                                    |                                    |                           |       |                  |               |                         |                                    |                              |                 |                  |                              |                       |                                       |                       |                    |                    |                    |            |                  |                      |         |         |                  |              |            |               |                        |                        |              |                   |                    |                |                   |         |                          |                 |                |                |                |        |        |         |         |           |             |         |         |             |         |     |     |                  |             |      |             |             |             |                |                |          |              |                         |                  |                |                    |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  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|         |                     |      |                     | (mg/L)             |                                    |                                    |                           |       |                  |               |                         |                                    |                              | (ug/L)          |                  |                              |                       |                                       |                       |                    |                    |                    |            | (cells / mL)     |                      |         |         |                  |              |            |               |                        |                        |              |                   |                    |                |                   |         |                          |                 |                |                |                |        |        |         |         |           |             |         |         |             |         |     |     |                  |             |      |             |             |             |                |                |          |              |                         |                  |                |                    |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  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| MW-42S  | Monitoring event    | P13  | 10/23/2018          | 1267               | 14.3                               | 5.95                               | 689.1                     | 683.1 | 6.37             | 0.34          | -32.4                   | 1.410                              | 12.9                         | 3.8             | 16.9             | 231                          | ND                    | 490                                   | ND                    | 2,200              | 1,000              | ND                 | ND         | ND               | ND                   | ND      | ND      | ND               | ND           | ND         | ND            | ND                     | ND                     | ND           | ND                | ND                 | ND             | ND                | ND      | ND                       | ND              | ND             | ND             | ND             | ND     | ND     | ND      | ND      | ND        | ND          | ND      | ND      | ND          | ND      | ND  | ND  | ND               | ND          | ND   | ND          | ND          | ND          | ND             | ND             | ND       | ND           | ND                      | ND               | ND             | ND                 | ND        | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND</ |



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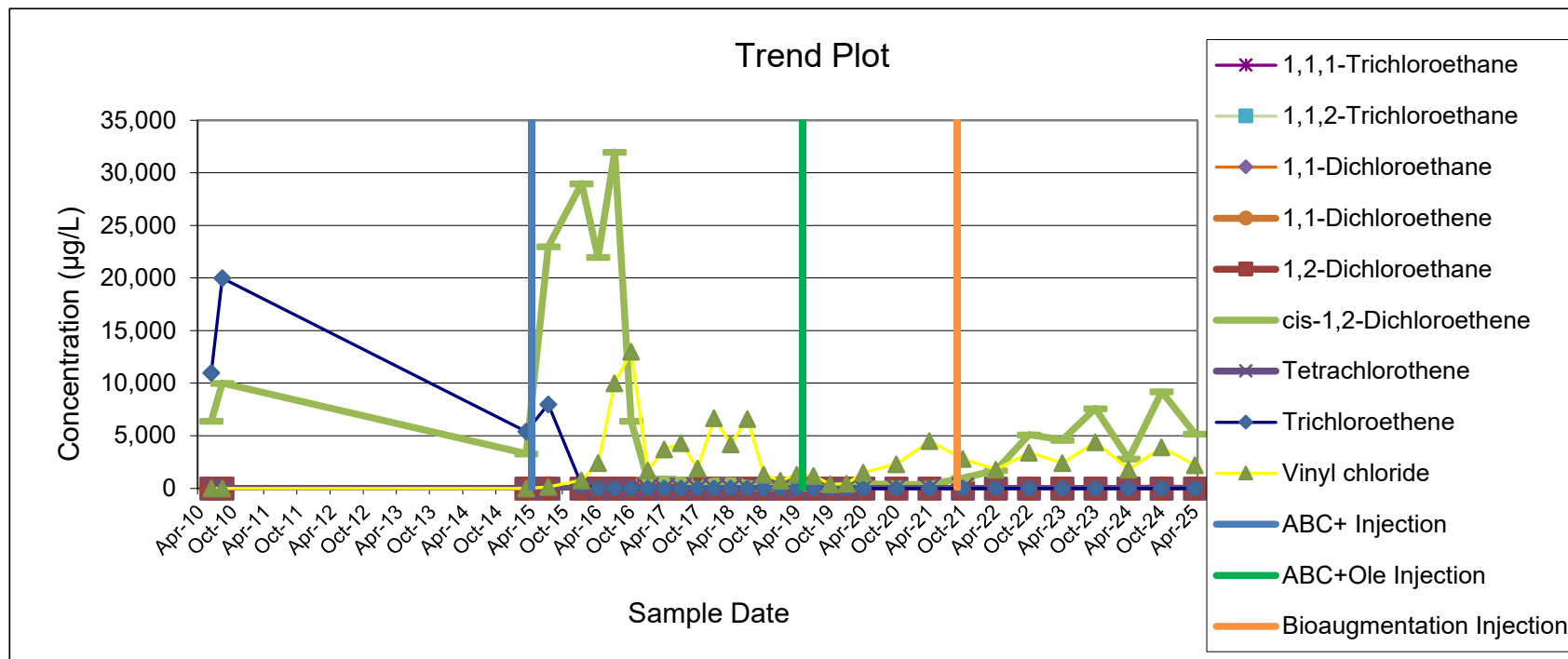
## **Appendix B Current and Historical Summary of VOCs in Groundwater**



**MONITORING WELL A1-GP02S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/22/2010   | ND                        | ND                    | ND                 | ND                 | ND                 | 6,400                  | ND                | 11,000          | ND             |
| 8/4/2010    | ND                        | ND                    | ND                 | ND                 | ND                 | 10,000                 | ND                | 20,000          | ND             |
| 3/10/2015   | ND                        | ND                    | ND                 | ND                 | ND                 | 3,300                  | ND                | 5,400           | ND             |
| 7/28/2015   | ND                        | ND                    | ND                 | 34                 | ND                 | 23,000                 | ND                | 8,000           | 140            |
| 1/7/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | 29,000                 | ND                | 330             | 770            |
| 4/8/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | 22,000                 | ND                | ND              | 2,400          |
| 7/11/2016   | ND                        | ND                    | ND                 | ND                 | ND                 | 32,000                 | ND                | ND              | 10,000         |
| 10/10/2016  | ND                        | ND                    | ND                 | ND                 | ND                 | 6,400                  | ND                | ND              | 13,000         |
| 1/23/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | 810                    | ND                | ND              | 1,700          |
| 4/11/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | 900                    | ND                | ND              | 3,700          |
| 7/6/2017    | ND                        | ND                    | ND                 | ND                 | ND                 | 790                    | ND                | ND              | 4,300          |
| 10/17/2017  | ND                        | ND                    | ND                 | ND                 | ND                 | 230                    | ND                | ND              | 1,900          |
| 1/5/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | 680                    | ND                | ND              | 6,700          |
| 4/12/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | 730                    | ND                | ND              | 4,200          |
| 7/9/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | 460                    | ND                | ND              | 6,600          |
| 10/18/2018  | ND                        | ND                    | ND                 | ND                 | ND                 | 74                     | ND                | ND              | 1,300          |
| 1/2/2019    | ND                        | ND                    | ND                 | ND                 | ND                 | 150                    | ND                | ND              | 750            |
| 4/18/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | 450                    | ND                | ND              | 1,300          |
| 7/25/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | 46                     | ND                | ND              | 1,200          |
| 10/14/2019  | ND                        | ND                    | ND                 | ND                 | ND                 | 44                     | ND                | ND              | 390            |
| 1/7/2020    | ND                        | ND                    | ND                 | ND                 | ND                 | 64                     | ND                | ND              | 450            |
| 4/13/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | 420                    | ND                | ND              | 1,500          |
| 10/12/2020  | ND                        | ND                    | ND                 | ND                 | ND                 | 390                    | ND                | ND              | 2,300          |
| 4/1/2021    | ND                        | ND                    | ND                 | ND                 | ND                 | 340                    | ND                | ND              | 4,500          |
| 10/22/2021  | ND                        | ND                    | ND                 | ND                 | ND                 | 970                    | ND                | ND              | 2,800          |
| 4/12/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | 1,700                  | ND                | ND              | 1,800          |
| 10/6/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | 5,100                  | ND                | ND              | 3,400          |
| 4/6/2023    | ND                        | ND                    | ND                 | ND                 | ND                 | 4,600                  | ND                | ND              | 2,400          |
| 10/13/2023  | ND                        | ND                    | ND                 | ND                 | ND                 | 7,600                  | ND                | ND              | 4,400          |
| 4/8/2024    | ND                        | ND                    | ND                 | ND                 | ND                 | 2,800                  | ND                | ND              | 1,800          |
| 10/9/2024   | ND                        | ND                    | ND                 | 30                 | ND                 | 9,200                  | ND                | ND              | 3,900          |
| 4/9/2025    | ND                        | ND                    | ND                 | ND                 | ND                 | 5,200                  | ND                | ND              | 2,200          |

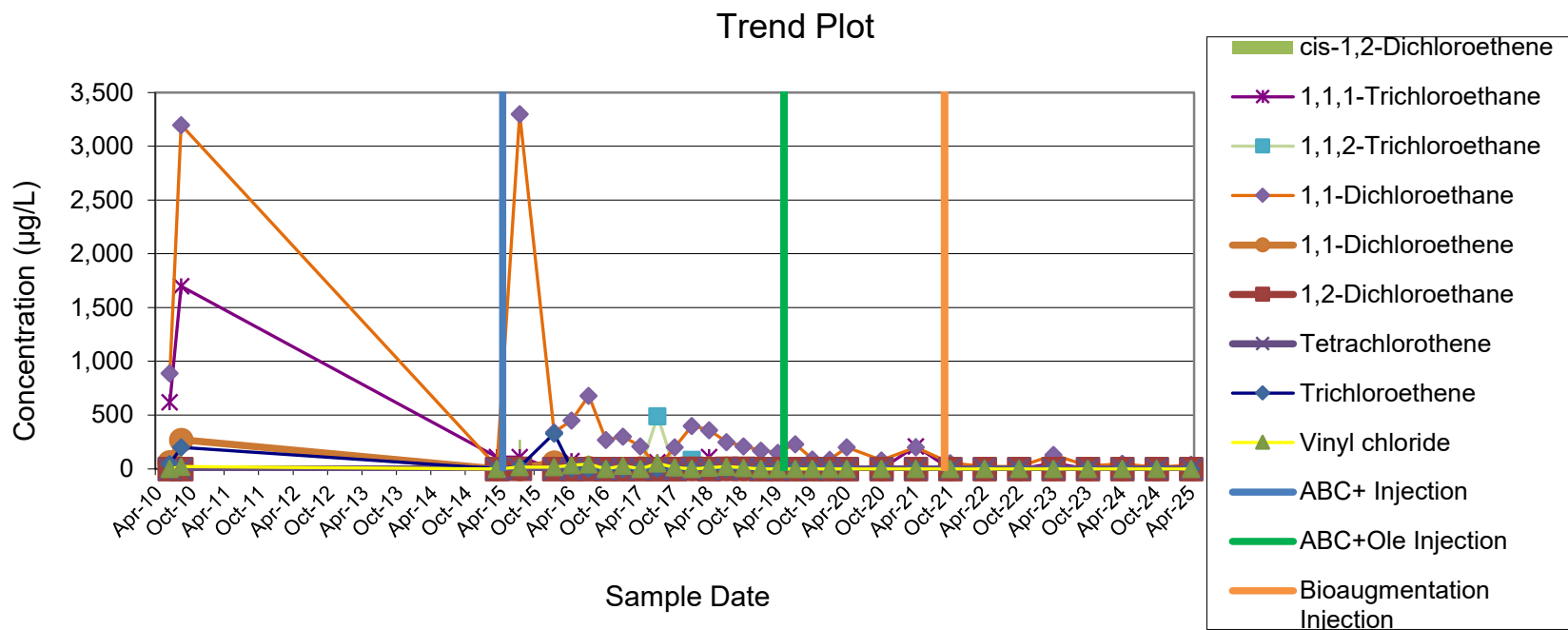
**MONITORING WELL A1-GP02S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York



**MONITORING WELL A1-GP06S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/21/2010   | 620                       | ND                    | 890                | 63                 | ND                 | 32                     | ND                | 46              | ND             |
| 8/4/2010    | 1,700                     | 16                    | 3,200              | 270                | ND                 | 130                    | ND                | 200             | 20             |
| 3/11/2015   | 110                       | ND                    | 21                 | ND                 | ND                 | ND                     | ND                | 0.81            | ND             |
| 7/27/2015   | 110                       | 4.1                   | 3,300              | 0.89               | 3.1                | 270                    | ND                | 18              | 16             |
| 1/7/2016    | ND                        | ND                    | 340                | 60                 | ND                 | 25                     | ND                | 330             | 16             |
| 4/8/2016    | 73                        | ND                    | 450                | ND                 | ND                 | ND                     | ND                | 5.4             | 33             |
| 7/12/2016   | 35                        | ND                    | 680                | 7.8                | ND                 | ND                     | ND                | ND              | 44             |
| 10/10/2016  | ND                        | ND                    | 270                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/24/2017   | 24                        | ND                    | 300                | ND                 | ND                 | ND                     | ND                | ND              | 29             |
| 4/11/2017   | 34                        | ND                    | 210                | 6.2                | ND                 | ND                     | ND                | ND              | ND             |
| 7/6/2017    | 63                        | 490                   | 13                 | ND                 | ND                 | 16                     | ND                | ND              | 50             |
| 10/18/2017  | ND                        | ND                    | 200                | ND                 | ND                 | ND                     | ND                | ND              | 14             |
| 1/5/2018    | 44                        | 84                    | 400                | 3.7                | 2.1                | ND                     | ND                | ND              | ND             |
| 4/10/2018   | 110                       | ND                    | 360                | 6.8                | ND                 | 8                      | ND                | 7.2             | 11             |
| 7/9/2018    | 18                        | ND                    | 250                | 4.1                | 2.6                | ND                     | ND                | ND              | 20             |
| 10/19/2018  | 15                        | ND                    | 210                | ND                 | 3.3                | ND                     | ND                | ND              | 9.9            |
| 1/4/2019    | 21                        | ND                    | 170                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/10/2019   | 23                        | ND                    | 150                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/22/2019   | 22                        | ND                    | 230                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/14/2019  | ND                        | ND                    | 89                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/7/2020    | ND                        | ND                    | 86                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/13/2020   | ND                        | ND                    | 200                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/8/2020   | ND                        | ND                    | 80                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/1/2021    | 210                       | ND                    | 200                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/22/2021  | ND                        | ND                    | 54                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/11/2022   | ND                        | ND                    | 21                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/6/2022   | ND                        | ND                    | 21                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/7/2023    | 51                        | ND                    | 130                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/12/2023  | ND                        | ND                    | 28                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/5/2024    | ND                        | ND                    | 47                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/7/2024   | ND                        | ND                    | 13                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/4/2025    | ND                        | ND                    | 39                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |

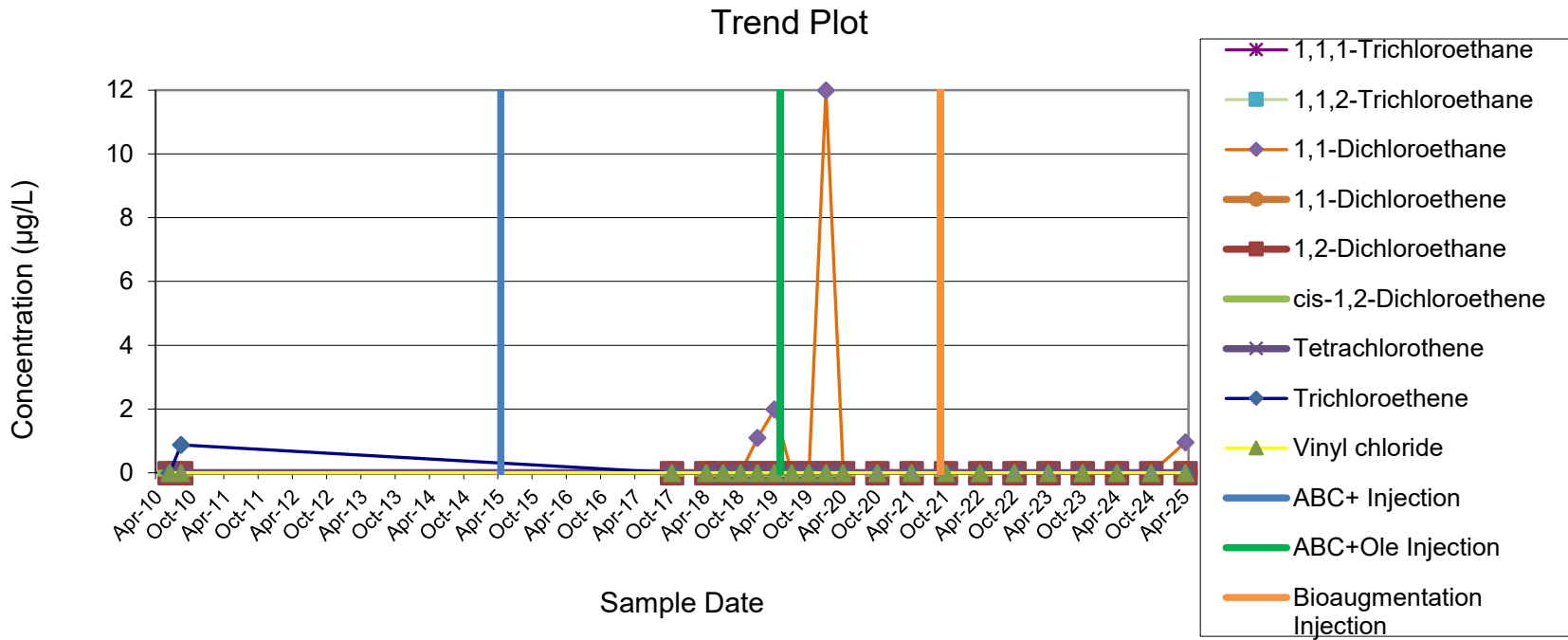
**MONITORING WELL A1-GP06S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**



**MONITORING WELL A1-GP09S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/22/2010   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 8/3/2010    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | 0.88            | ND             |
| 10/18/2017  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/12/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/11/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/19/2018  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/3/2019    | ND                        | ND                    | 1.1                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/17/2019   | ND                        | ND                    | 2.0                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/25/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/15/2019  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/7/2020    | ND                        | ND                    | 12                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/13/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/9/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/1/2021    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/21/2021  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/13/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/5/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/12/2023   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/16/2023  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/9/2024    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/9/2024   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/7/2025    | ND                        | ND                    | 0.96               | ND                 | ND                 | ND                     | ND                | ND              | ND             |

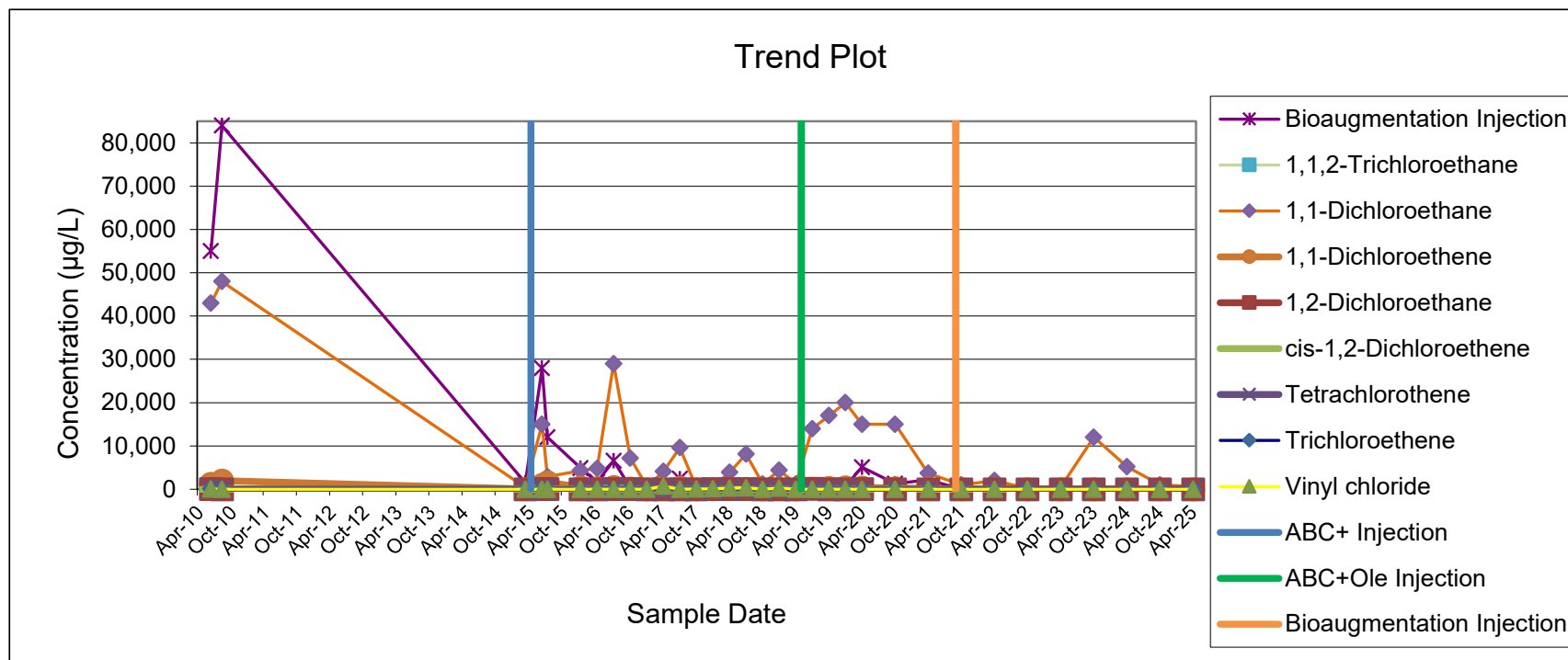
**MONITORING WELL A1-GP09S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**



**MONITORING WELL A1-GP10S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/21/2010   | 55,000                    | 84                    | 43,000             | 1,300              | 77                 | ND                     | 1.2               | 92              | 41             |
| 8/3/2010    | 84,000                    | ND                    | 48,000             | 2,000              | ND                 | ND                     | ND                | ND              | ND             |
| 3/11/2015   | 1,500                     | 1.2                   | 440                | 65                 | 1.6                | 7.4                    | ND                | 6.6             | ND             |
| 6/12/2015   | 28,000                    | ND                    | 15,000             | 1,000              | 40                 | 190                    | ND                | ND              | ND             |
| 7/27/2015   | 12,000                    | ND                    | 2,900              | 1,600              | 9.6                | 45                     | ND                | 36              | ND             |
| 1/7/2016    | 4,900                     | ND                    | 4,300              | 470                | ND                 | 51                     | ND                | ND              | ND             |
| 4/8/2016    | 1,700                     | ND                    | 4,800              | 220                | ND                 | ND                     | ND                | ND              | ND             |
| 7/11/2016   | 6,600                     | ND                    | 29,000             | 500                | 72                 | 270                    | ND                | ND              | ND             |
| 10/7/2016   | 360                       | ND                    | 7,200              | 190                | 47                 | ND                     | ND                | ND              | ND             |
| 1/23/2017   | ND                        | ND                    | 580                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/10/2017   | 240                       | ND                    | 4,100              | 45                 | ND                 | ND                     | ND                | ND              | 690            |
| 7/6/2017    | 2,400                     | ND                    | 9,600              | 380                | ND                 | ND                     | ND                | ND              | ND             |
| 10/17/2017  | 23                        | ND                    | 240                | 4                  | 1.4                | 0.5                    | ND                | 0.47            | 45             |
| 1/4/2018    | 44                        | ND                    | 600                | ND                 | 11                 | ND                     | ND                | ND              | 85             |
| 4/10/2018   | 140                       | ND                    | 3,900              | 19                 | 18                 | ND                     | ND                | ND              | 260            |
| 7/9/2018    | 530                       | ND                    | 8,100              | 51                 | 77                 | ND                     | ND                | ND              | 320            |
| 10/19/2018  | 640                       | ND                    | 1,200              | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/4/2019    | 200                       | ND                    | 4,400              | 91                 | ND                 | ND                     | ND                | ND              | 260            |
| 4/15/2019   | ND                        | ND                    | 1,200              | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/22/2019   | 690                       | ND                    | 14,000             | 130                | 78                 | ND                     | ND                | ND              | ND             |
| 10/14/2019  | 780                       | ND                    | 17,000             | 310                | ND                 | ND                     | ND                | ND              | ND             |
| 1/7/2020    | 730                       | ND                    | 20,000             | 480                | ND                 | ND                     | ND                | ND              | ND             |
| 4/13/2020   | 5,100                     | ND                    | 15,000             | 400                | 44                 | ND                     | ND                | ND              | ND             |
| 10/8/2020   | 1,300                     | ND                    | 15,000             | 270                | ND                 | 170                    | ND                | ND              | ND             |
| 4/1/2021    | 2,200                     | ND                    | 3,700              | 200                | ND                 | ND                     | ND                | ND              | ND             |
| 10/27/2021  | ND                        | ND                    | 1,000              | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/8/2022    | 290                       | ND                    | 2,000              | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/10/2022  | ND                        | ND                    | 230                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/11/2023   | ND                        | ND                    | 460                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/12/2023  | 570                       | ND                    | 12,000             | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/5/2024    | ND                        | ND                    | 5,200              | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/7/2024   | ND                        | ND                    | 1,000              | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/4/2025    | ND                        | ND                    | 580                | ND                 | ND                 | ND                     | ND                | ND              | ND             |

**MONITORING WELL A1-GP10S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York

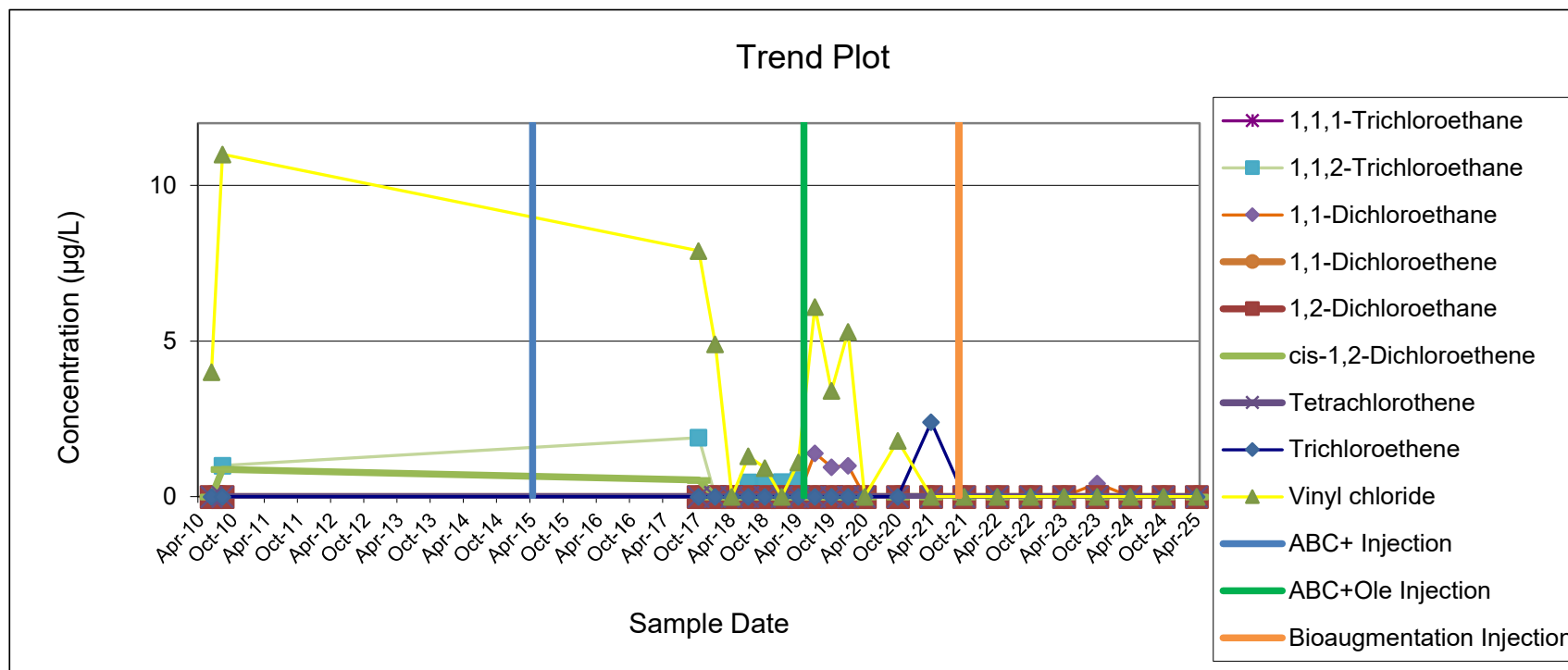




**MONITORING WELL A1-GP14S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                         |                     |                     |                     |                         |                   |                 |                |
|-------------|---------------------------|-------------------------|---------------------|---------------------|---------------------|-------------------------|-------------------|-----------------|----------------|
|             | 1, 1, 1-Trichloroethane   | 1, 1, 2-Trichloroethane | 1, 1-Dichloroethane | 1, 1-Dichloroethene | 1, 2-Dichloroethane | cis-1, 2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/21/2010   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | 4.0            |
| 8/3/2010    | ND                        | 1.0                     | ND                  | ND                  | ND                  | 0.88                    | ND                | ND              | 11.0           |
| 10/17/2017  | ND                        | 1.9                     | ND                  | ND                  | ND                  | 0.53                    | ND                | ND              | 7.9            |
| 1/4/2018    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | 4.9            |
| 4/10/2018   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 7/9/2018    | ND                        | 0.46                    | ND                  | ND                  | ND                  | ND                      | ND                | ND              | 1.3            |
| 10/23/2018  | ND                        | 0.44                    | ND                  | ND                  | ND                  | ND                      | ND                | ND              | 0.9            |
| 1/2/2019    | ND                        | 0.47                    | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/15/2019   | ND                        | 0.54                    | ND                  | ND                  | ND                  | ND                      | ND                | ND              | 1.1            |
| 7/23/2019   | ND                        | ND                      | 1.4                 | ND                  | ND                  | ND                      | ND                | ND              | 6.1            |
| 10/15/2019  | ND                        | ND                      | 1.0                 | ND                  | ND                  | ND                      | ND                | ND              | 3.4            |
| 1/7/2020    | ND                        | ND                      | 1.0                 | ND                  | ND                  | ND                      | ND                | ND              | 5.3            |
| 4/13/2020   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/8/2020   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | 1.8            |
| 4/1/2021    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | 2.4             | ND             |
| 10/25/2021  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/12/2022   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/10/2022  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/11/2023   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/13/2023  | ND                        | ND                      | 0.43                | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/9/2024    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/9/2024   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/8/2025    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |

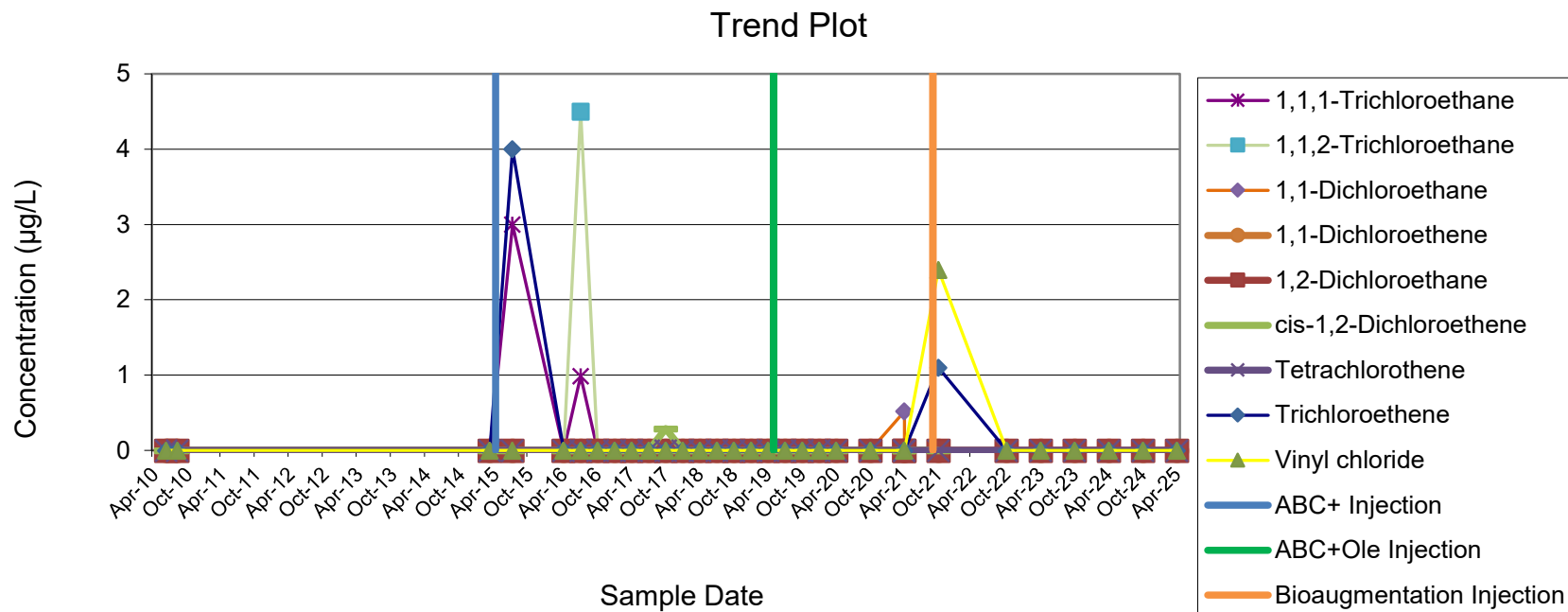
**MONITORING WELL A1-GP14S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York



**MONITORING WELL A1-GP15S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

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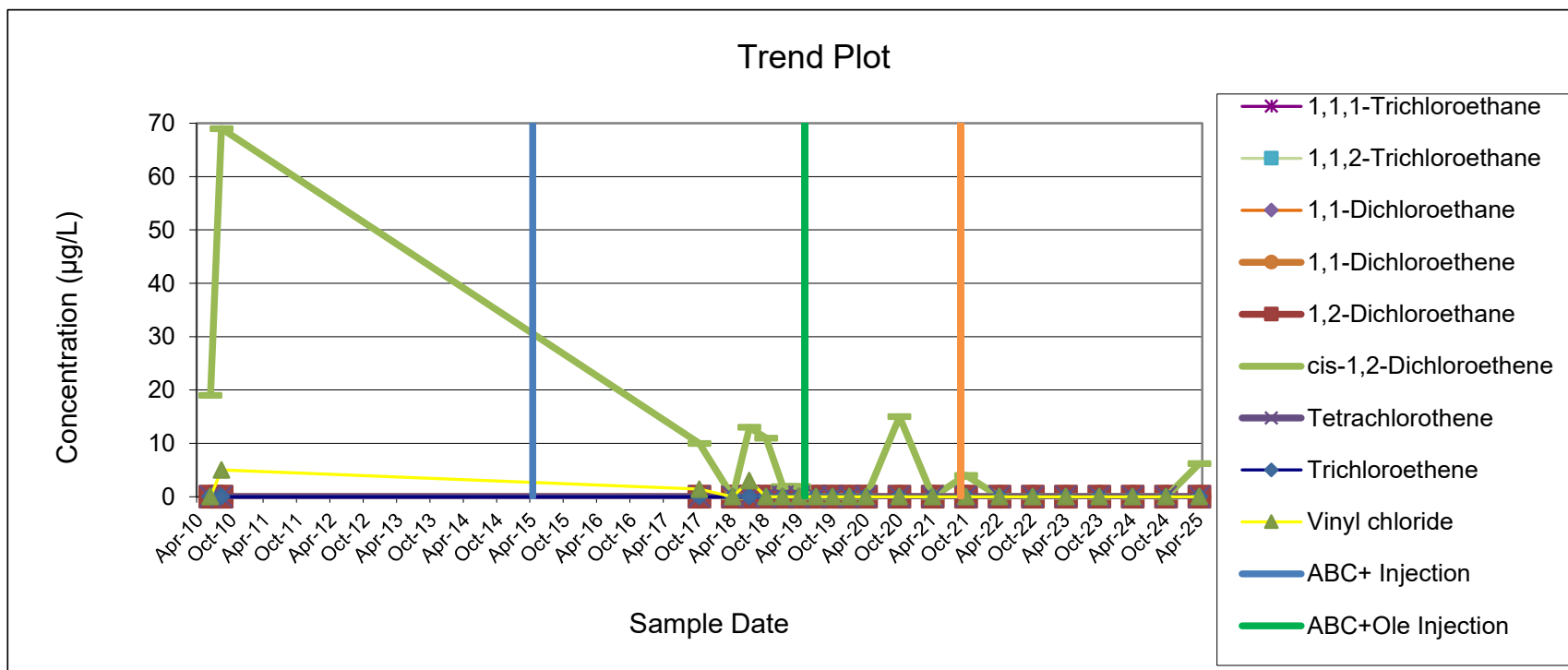
**MONITORING WELL A1-GP15S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York



**MONITORING WELL A1-GP16S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                   |                        |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|-------------------|------------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | Tetrachloroethene | cis-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
| 6/17/2010   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 19                     | ND              | ND             |
| 8/2/2010    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 69                     | ND              | 5.0            |
| 10/17/2017  | ND                        | ND                    | 0.27               | ND                 | ND                 | ND                | 10                     | ND              | 1.4            |
| 4/9/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 7/10/2018   | ND                        | ND                    | 0.38               | ND                 | ND                 | ND                | 13                     | ND              | 3.0            |
| 10/2/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 11                     | ND              | ND             |
| 1/3/2019    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 1.9                    | ND              | ND             |
| 4/17/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 1.9                    | ND              | ND             |
| 7/26/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/15/2019  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 1/7/2020    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/15/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/8/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 15                     | ND              | ND             |
| 4/1/2021    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/25/2021  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 4                      | ND              | ND             |
| 4/11/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/5/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/6/2023    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/13/2023  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/8/2024    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/8/2024   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/9/2025    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 6.2                    | ND              | ND             |

**MONITORING WELL A1-GP16S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York



**MONITORING WELL A1-GP18S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                   |                        |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|-------------------|------------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | Tetrachloroethene | cis-1,2-Dichloroethene | Trichloroethene | Vinyl chloride |
| 6/18/2010   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 8/2/2010    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 3/11/2015   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 7/27/2015   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 1/7/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 3.0                    | ND              | ND             |
| 4/8/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 2.4                    | ND              | ND             |
| 7/8/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/7/2016   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 1/23/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/10/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 7/6/2017    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/16/2017  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 1/5/2018    | NA                        | NA                    | NA                 | NA                 | NA                 | NA                | ND                     | NA              | NA             |
| 4/9/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | 8.2                    | ND              | ND             |
| 7/9/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/19/2018  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 1/4/2019    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/9/2019    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 7/22/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/14/2019  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 1/7/2020    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/13/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/8/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/1/2021    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/21/2021  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/13/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/6/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/7/2023    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/12/2023  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/4/2024    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 10/7/2024   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |
| 4/7/2025    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                | ND                     | ND              | ND             |

NA - Not available

**Trend Plot**

Concentration (µg/L)

Sample Date

Legend:

- 1,1,1-Trichloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- cis-1,2-Dichloroethene
- Tetrachloroethene
- Trichloroethene
- Vinyl chloride
- ABC+ Injection
- ABC+Ole Injection
- Bioaugmentation Injection

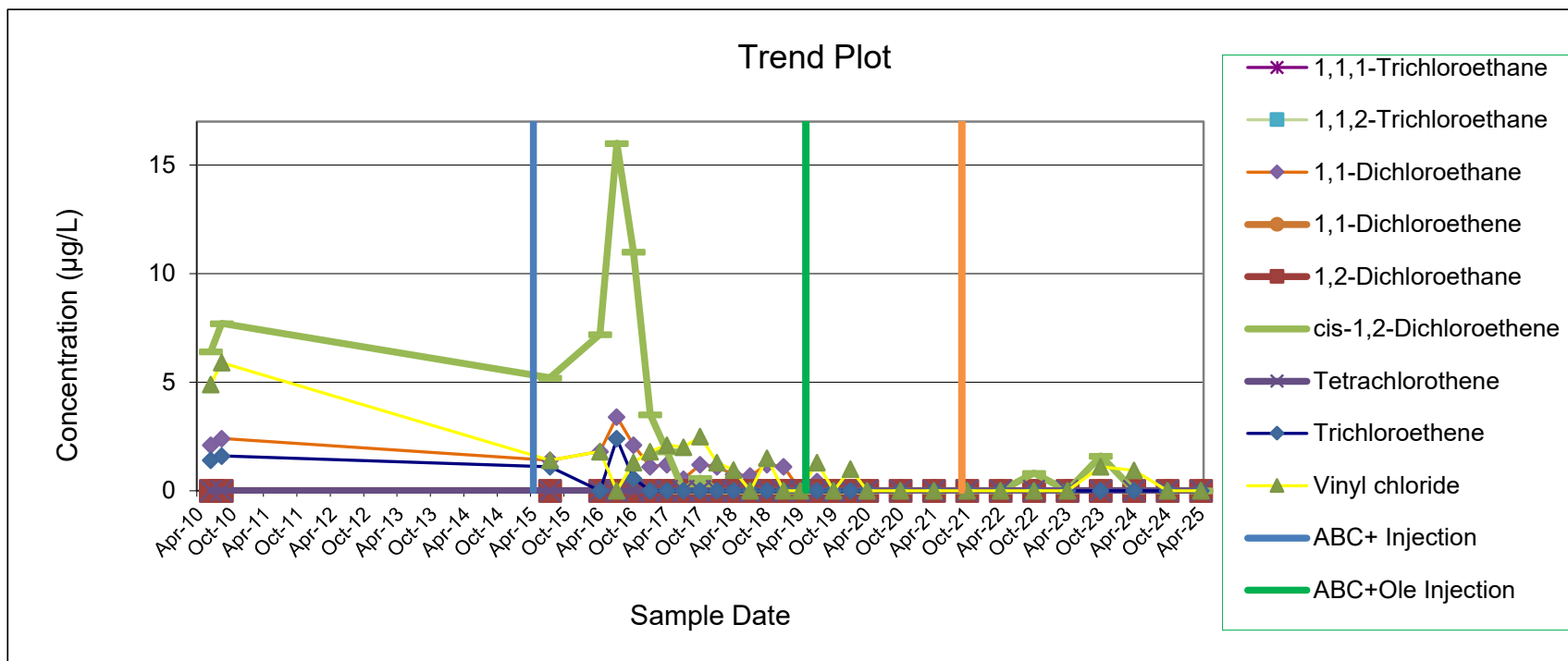
The plot shows concentration data from April 2010 to April 2025. The y-axis ranges from 0 to 9 µg/L. The x-axis shows sample dates. The legend lists 13 chemicals and 3 injection types. The data shows several peaks, notably for cis-1,2-Dichloroethene around April 2016 and April 2018, and for Trichloroethene around April 2019. The ABC+ Injection is shown as a blue line, ABC+Ole Injection as a green line, and Bioaugmentation Injection as an orange line.



**MONITORING WELL MW-30  
SUMMARY OF VOCs IN GROUNDWATER  
Former Scott Aviation Site  
Lancaster, New York**

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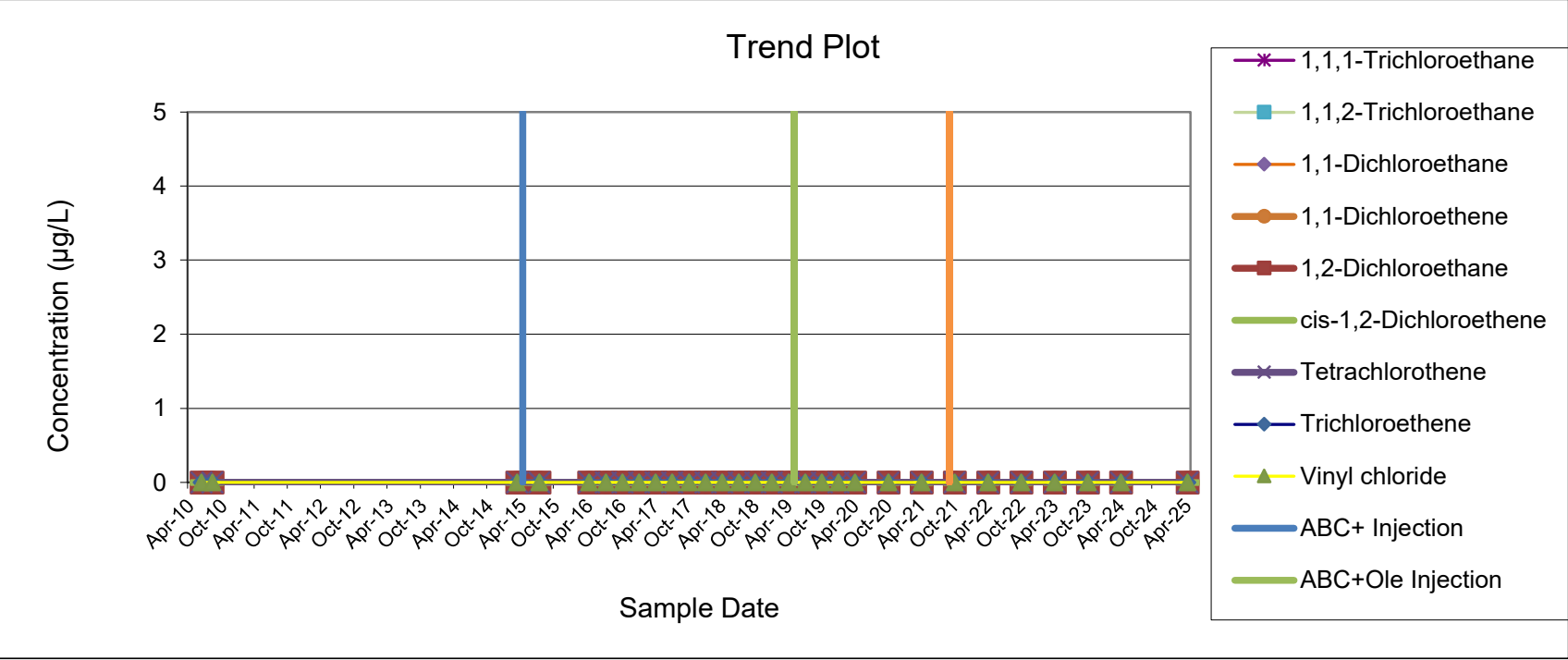
**MONITORING WELL MW-30**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**



**MONITORING WELL MW-35S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                          |                     |                     |                     |                   |                         |                 |                |
|-------------|---------------------------|--------------------------|---------------------|---------------------|---------------------|-------------------|-------------------------|-----------------|----------------|
|             | 1, 1, 1- Trichloroethane  | 1, 1, 2- Trichloroethane | 1, 1-Dichloroethane | 1, 1-Dichloroethene | 1, 2-Dichloroethane | Tetrachloroethene | cis-1, 2-Dichloroethene | Trichloroethene | Vinyl chloride |
| 6/17/2010   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 8/2/2010    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 3/11/2015   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 7/28/2015   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/8/2016    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 7/13/2016   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/11/2016  | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 1/23/2017   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/10/2017   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 7/7/2017    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/17/2017  | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 1/4/2018    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/9/2018    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 7/11/2018   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/19/2018  | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 1/7/2019    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/17/2019   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 7/25/2019   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/17/2019  | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 1/8/2020    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/14/2020   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/6/2020   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/5/2021    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/20/2021  | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/7/2022    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/7/2022   | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/6/2023    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 10/12/2023  | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/4/2024    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |
| 4/8/2025    | ND                        | ND                       | ND                  | ND                  | ND                  | ND                | ND                      | ND              | ND             |

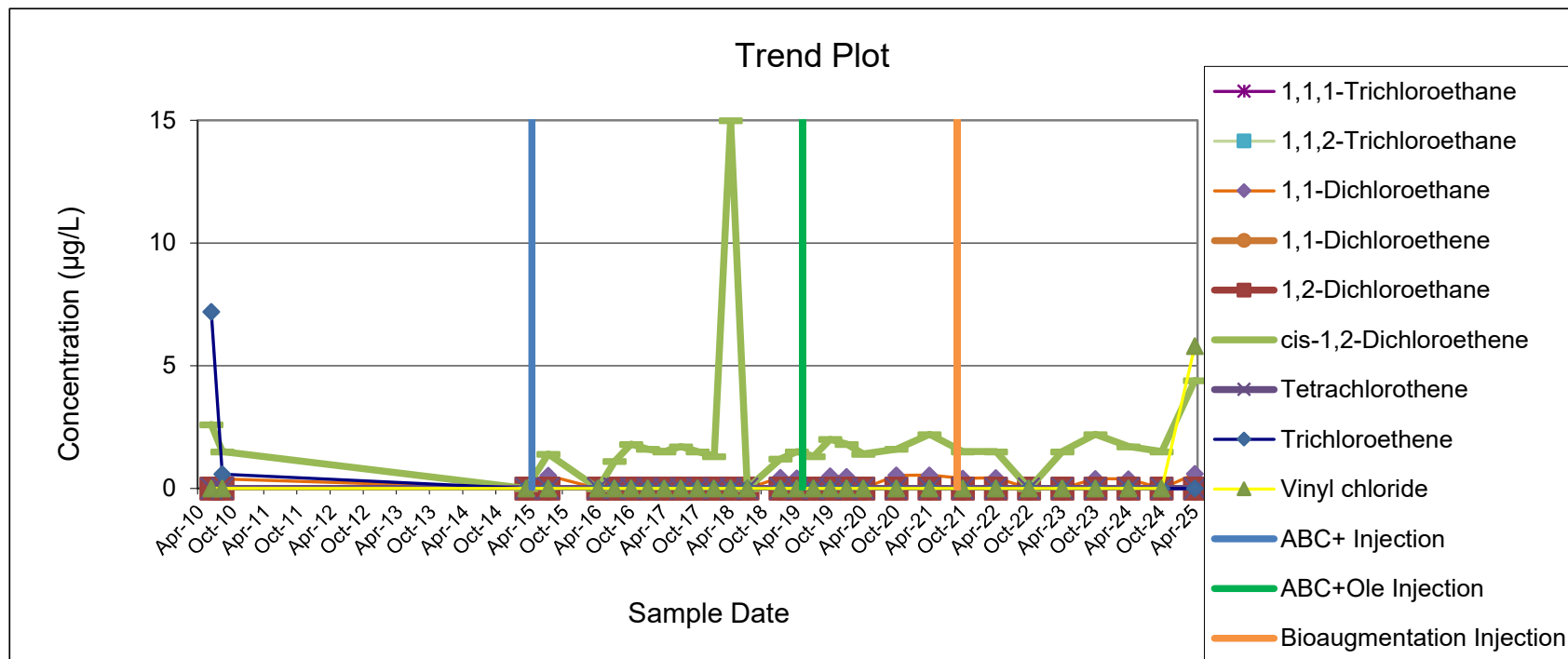
**MONITORING WELL MW-35S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**



**MONITORING WELL MW-36S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/17/2010   | ND                        | ND                    | ND                 | ND                 | ND                 | 2.6                    | ND                | 7.2             | ND             |
| 8/3/2010    | ND                        | ND                    | 0.38               | ND                 | ND                 | 1.5                    | ND                | 0.58            | ND             |
| 3/10/2015   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/29/2015   | ND                        | ND                    | 0.52               | ND                 | ND                 | 1.4                    | ND                | ND              | ND             |
| 4/8/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/11/2016   | ND                        | ND                    | ND                 | ND                 | ND                 | 1.1                    | ND                | ND              | ND             |
| 10/12/2016  | ND                        | ND                    | ND                 | ND                 | ND                 | 1.8                    | ND                | ND              | ND             |
| 1/24/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | 1.6                    | ND                | ND              | ND             |
| 4/12/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | 1.5                    | ND                | ND              | ND             |
| 7/6/2017    | ND                        | ND                    | ND                 | ND                 | ND                 | 1.7                    | ND                | ND              | ND             |
| 10/17/2017  | ND                        | ND                    | ND                 | ND                 | ND                 | 1.5                    | ND                | ND              | ND             |
| 1/4/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | 1.3                    | ND                | ND              | ND             |
| 4/9/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | 15                     | ND                | ND              | ND             |
| 7/10/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/7/2019    | ND                        | ND                    | 0.44               | ND                 | ND                 | 1.2                    | ND                | ND              | ND             |
| 4/16/2019   | ND                        | ND                    | 0.41               | ND                 | ND                 | 1.5                    | ND                | ND              | ND             |
| 7/25/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | 1.3                    | ND                | ND              | ND             |
| 10/18/2019  | ND                        | ND                    | 0.50               | ND                 | ND                 | 2.0                    | ND                | ND              | ND             |
| 1/8/2020    | ND                        | ND                    | 0.47               | ND                 | ND                 | 1.8                    | ND                | ND              | ND             |
| 4/16/2020   | ND                        | ND                    | 0.40J              | ND                 | ND                 | 1.4                    | ND                | ND              | ND             |
| 10/9/2020   | ND                        | ND                    | 0.53               | ND                 | ND                 | 1.6                    | ND                | ND              | ND             |
| 4/6/2021    | ND                        | ND                    | 0.54               | ND                 | ND                 | 2.2                    | ND                | ND              | ND             |
| 10/22/2021  | ND                        | ND                    | 0.40               | ND                 | ND                 | 1.5                    | ND                | ND              | ND             |
| 4/11/2022   | ND                        | ND                    | 0.43               | ND                 | ND                 | 1.5                    | ND                | ND              | ND             |
| 10/5/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/12/2023   | ND                        | ND                    | ND                 | ND                 | ND                 | 1.5                    | ND                | ND              | ND             |
| 10/13/2023  | ND                        | ND                    | 0.39               | ND                 | ND                 | 2.2                    | ND                | ND              | ND             |
| 4/8/2024    | ND                        | ND                    | 0.38               | ND                 | ND                 | 1.7                    | ND                | ND              | ND             |
| 10/7/2024   | ND                        | ND                    | ND                 | ND                 | ND                 | 1.5                    | ND                | ND              | ND             |
| 4/7/2025    | ND                        | ND                    | 0.59               | ND                 | ND                 | 4.4                    | ND                | ND              | 5.8            |

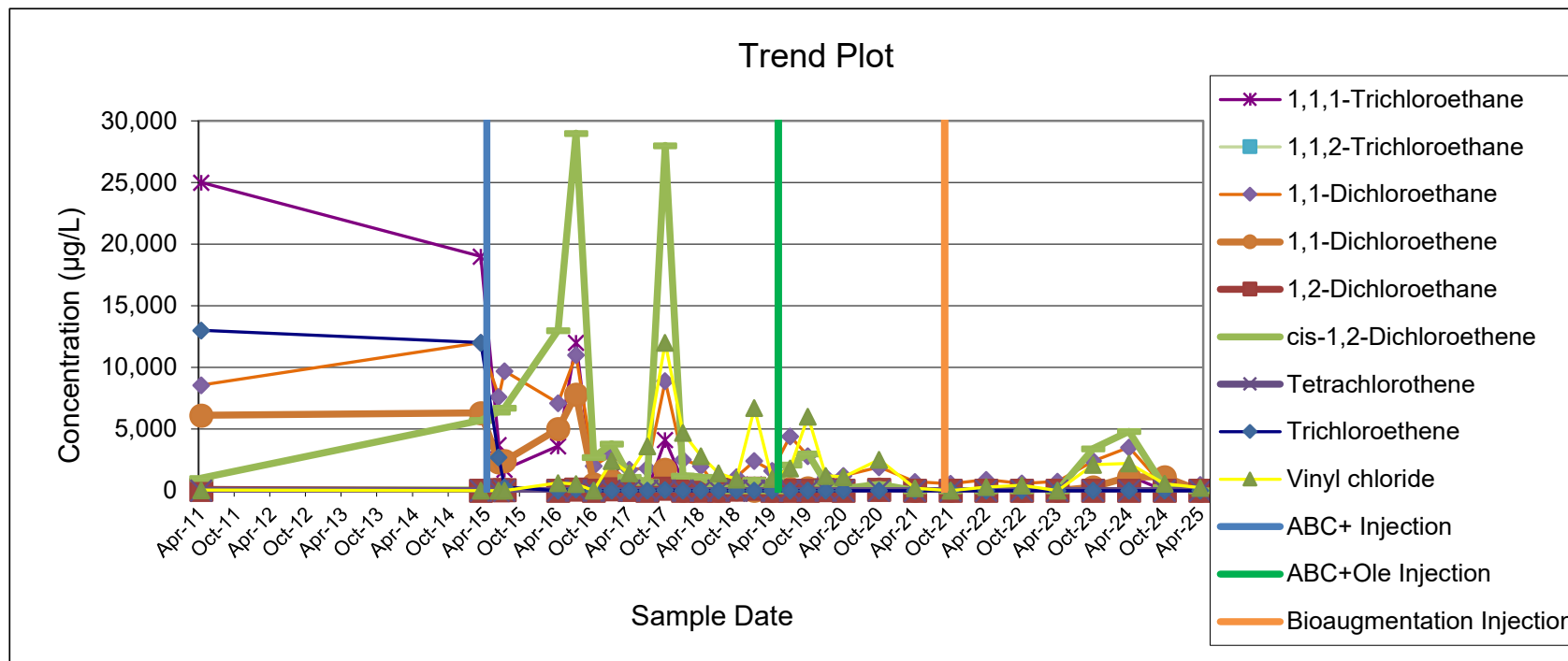
**MONITORING WELL MW-36S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**



**MONITORING WELL MW-42S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 4/7/2011    | 25,000                    | 240                   | 8,550              | 6,100              | 76                 | 1,000                  | 6                 | 13,000          | 27             |
| 3/12/2015   | 19,000                    | 240                   | 12,000             | 6,300              | ND                 | 5,700                  | ND                | 12,000          | ND             |
| 6/12/2015   | 3,700                     | 100                   | 7,600              | 2,300              | 44                 | 6,400                  | ND                | 2,700           | ND             |
| 7/27/2015   | 1,700                     | 71                    | 9,700              | 2,400              | 44                 | 6,700                  | ND                | 280             | ND             |
| 4/8/2016    | 3,600                     | ND                    | 7,100              | 5,000              | ND                 | 13,000                 | ND                | ND              | 610            |
| 7/14/2016   | 12,000                    | 120                   | 11,000             | 7,800              | 110                | 29,000                 | ND                | 100             | 530            |
| 10/13/2016  | 440                       | ND                    | 2,000              | 520                | ND                 | 2,700                  | ND                | ND              | ND             |
| 1/25/2017   | 1,200                     | ND                    | 2,900              | 790                | 130                | 3,800                  | ND                | ND              | 2,400          |
| 4/12/2017   | 230                       | ND                    | 1,700              | 220                | 74                 | 1,100                  | ND                | ND              | 1,400          |
| 7/10/2017   | ND                        | ND                    | 1,800              | 150                | ND                 | 690                    | ND                | ND              | 3,600          |
| 10/19/2017  | 4,100                     | 48                    | 8,900              | 1,700              | 170                | 28,000                 | ND                | 54              | 12,000         |
| 1/2/2018    | 740                       | ND                    | 2,500              | ND                 | ND                 | 1,200                  | ND                | ND              | 4,700          |
| 4/11/2018   | 390                       | ND                    | 2,000              | 120                | ND                 | 1,100                  | ND                | ND              | 2,800          |
| 7/12/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | 210                    | ND                | ND              | 1,400          |
| 10/23/2018  | ND                        | ND                    | 1,100              | 130                | 110                | ND                     | ND                | ND              | 910            |
| 1/8/2019    | 490                       | ND                    | 2,400              | ND                 | 160                | 850                    | ND                | ND              | 6,700          |
| 4/18/2019   | ND                        | ND                    | 1,600              | ND                 | ND                 | ND                     | ND                | ND              | 940            |
| 7/26/2019   | ND                        | ND                    | 4,400              | 140                | ND                 | 2,100                  | ND                | ND              | 1,800          |
| 10/18/2019  | ND                        | ND                    | 2,800              | 190                | ND                 | 3,000                  | ND                | ND              | 6,000          |
| 1/10/2020   | 160                       | 390                   | 1,100              | 150                | 43                 | 610                    | ND                | ND              | 1,200          |
| 4/16/2020   | 200                       | ND                    | 1,200              | 130                | 58J                | 160                    | ND                | ND              | 1,100          |
| 10/12/2020  | 160                       | ND                    | 1,900              | 99                 | 76                 | 490                    | ND                | ND              | 2,500          |
| 4/1/2021    | ND                        | ND                    | 710                | ND                 | ND                 | ND                     | ND                | ND              | 190            |
| 10/27/2021  | ND                        | ND                    | 550                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/8/2022    | 240                       | ND                    | 880                | ND                 | ND                 | ND                     | ND                | ND              | 290            |
| 10/7/2022   | ND                        | ND                    | 580                | ND                 | ND                 | ND                     | ND                | ND              | 420            |
| 4/11/2023   | ND                        | ND                    | 740                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/11/2023  | 260                       | 160                   | 2,400              | 280                | ND                 | 3,400                  | ND                | ND              | 2,100          |
| 4/5/2024    | 1,200                     | ND                    | 3,500              | 1,100              | ND                 | 4,800                  | ND                | ND              | 2,200          |
| 10/4/2024   | ND                        | ND                    | 290                | 1,100              | ND                 | 260                    | ND                | ND              | 550            |
| 4/4/2025    | ND                        | ND                    | 460                | ND                 | ND                 | ND                     | ND                | ND              | 220            |

**MONITORING WELL MW-42S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York

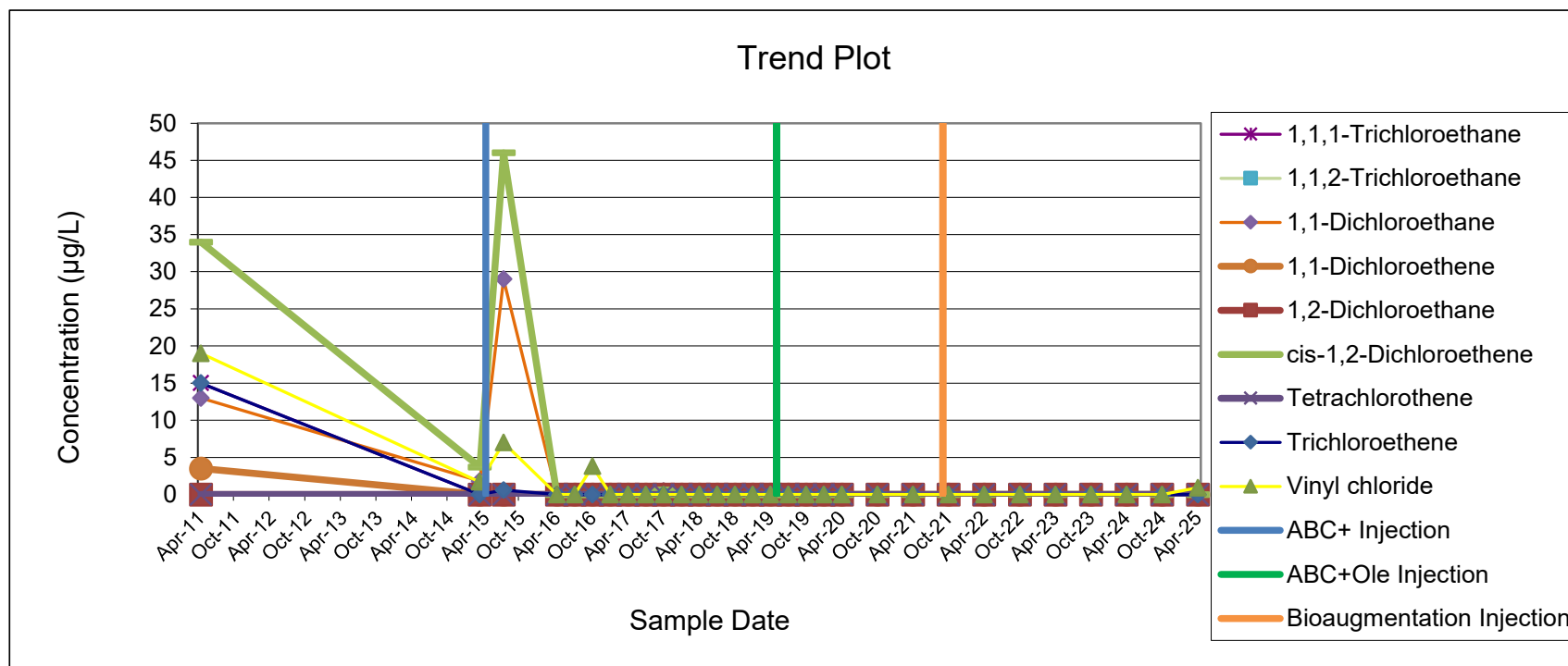




**MONITORING WELL MW-43S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

[illegible]

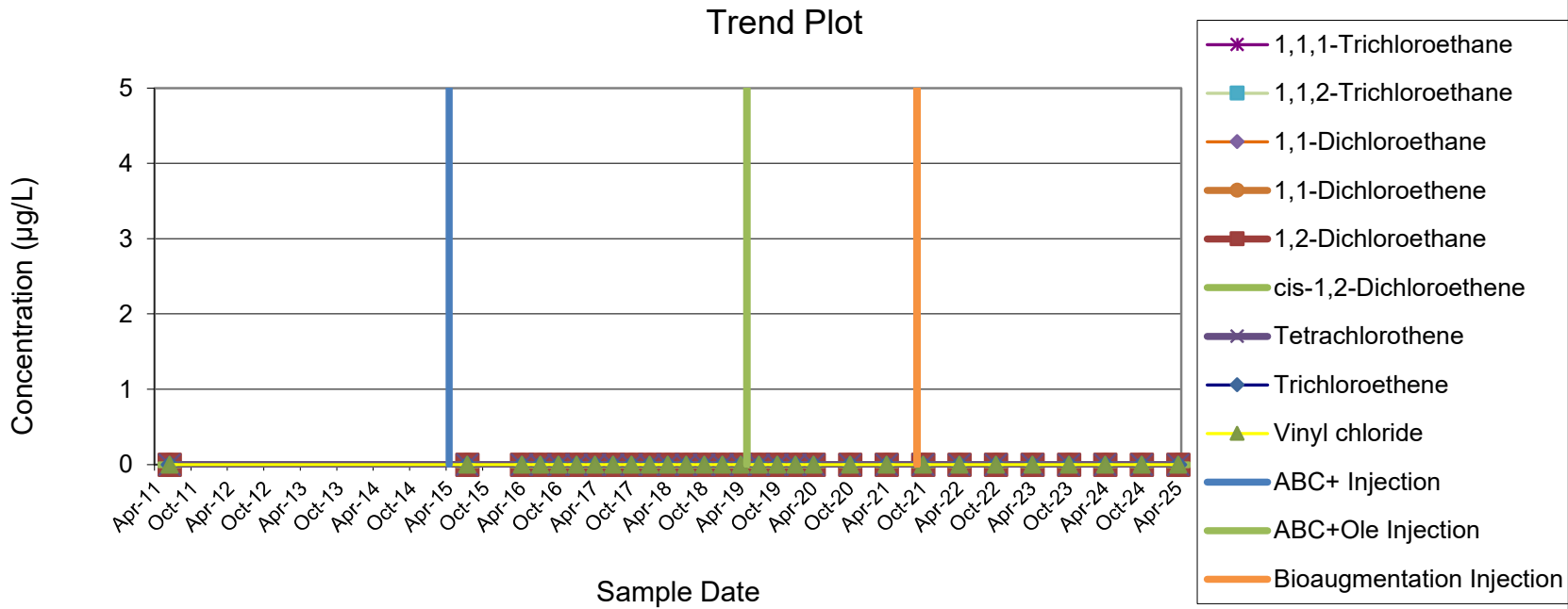
**MONITORING WELL MW-43S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York



**MONITORING WELL MW-44S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                         |                     |                     |                     |                         |                   |                 |                |
|-------------|---------------------------|-------------------------|---------------------|---------------------|---------------------|-------------------------|-------------------|-----------------|----------------|
|             | 1, 1, 1-Trichloroethane   | 1, 1, 2-Trichloroethane | 1, 1-Dichloroethane | 1, 1-Dichloroethene | 1, 2-Dichloroethane | cis-1, 2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/1/2011    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 7/29/2015   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/8/2016    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 7/14/2016   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/11/2016  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 1/25/2017   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/7/2017    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 7/10/2017   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/16/2017  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 1/2/2018    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/11/2018   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 7/12/2018   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/23/2018  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 1/8/2019    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/18/2019   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 7/26/2019   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/17/2019  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 1/8/2020    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/14/2020   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/7/2020   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/1/2021    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/25/2021  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/12/2022   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/10/2022  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/11/2023   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/16/2023  | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/10/2024   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 10/4/2024   | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |
| 4/8/2025    | ND                        | ND                      | ND                  | ND                  | ND                  | ND                      | ND                | ND              | ND             |

**MONITORING WELL MW-44S**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

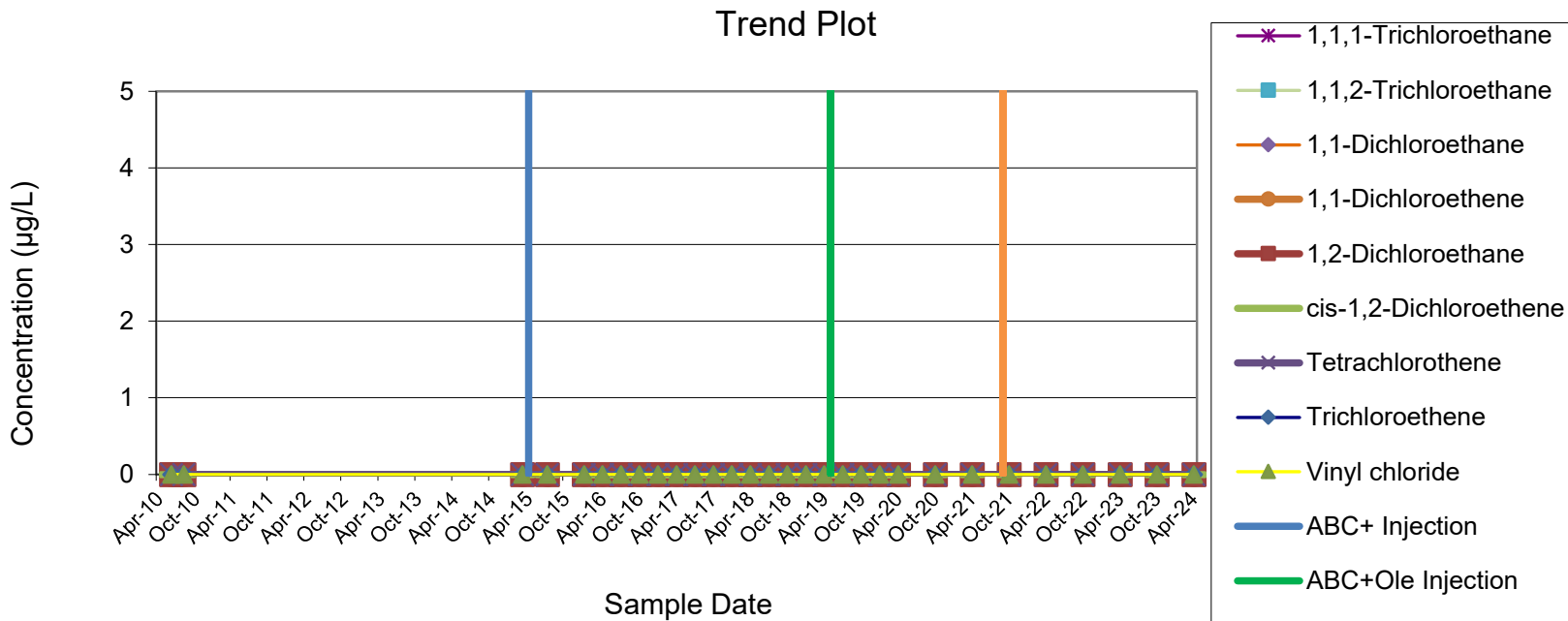


**MONITORING WELL MW-35D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/17/2010   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 8/2/2010    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 3/12/2015   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/28/2015   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/8/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/8/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/12/2016   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/11/2016  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/24/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/10/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/7/2017    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/17/2017  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/3/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/10/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/9/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/22/2018  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/4/2019    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/18/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/22/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/17/2019  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/8/2020    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/14/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/6/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/5/2021    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/21/2021  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/7/2022    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/7/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/7/2023    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/11/2023  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/4/2024    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |

Well removed from sampling program October 2024

**MONITORING WELL MW-35D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

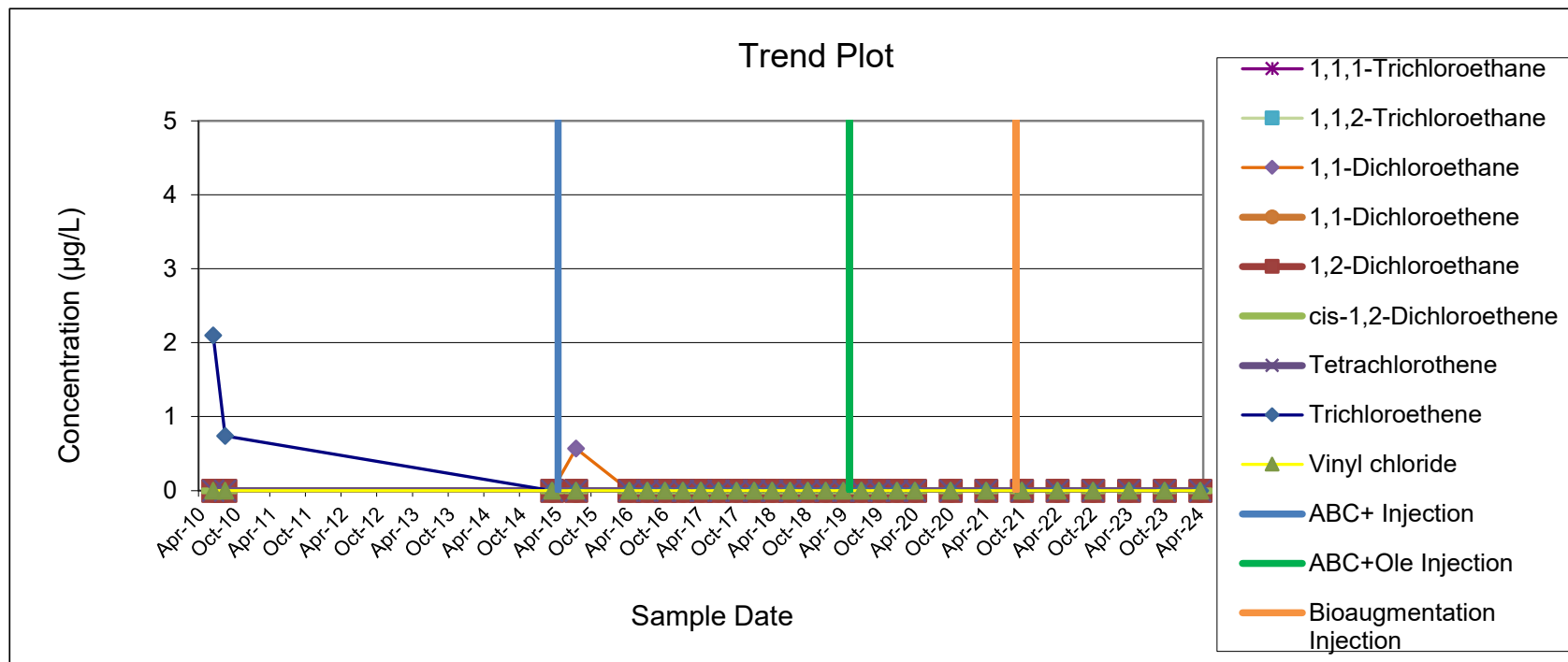


**MONITORING WELL MW-36D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/17/2010   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | 2.1             | ND             |
| 8/2/2010    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | 0.74            | ND             |
| 3/10/2015   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/29/2015   | ND                        | ND                    | 0.57               | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/8/2016    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/11/2016   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/12/2016  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/24/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/12/2017   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/6/2017    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/18/2017  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/4/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/9/2018    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/10/2018   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/18/2018  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/8/2019    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/16/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/25/2019   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/18/2019  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/8/2020    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/15/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/9/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/6/2021    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/22/2021  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/11/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/5/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/12/2023   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/13/2023  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/8/2024    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |

Well removed from sampling program October 2024

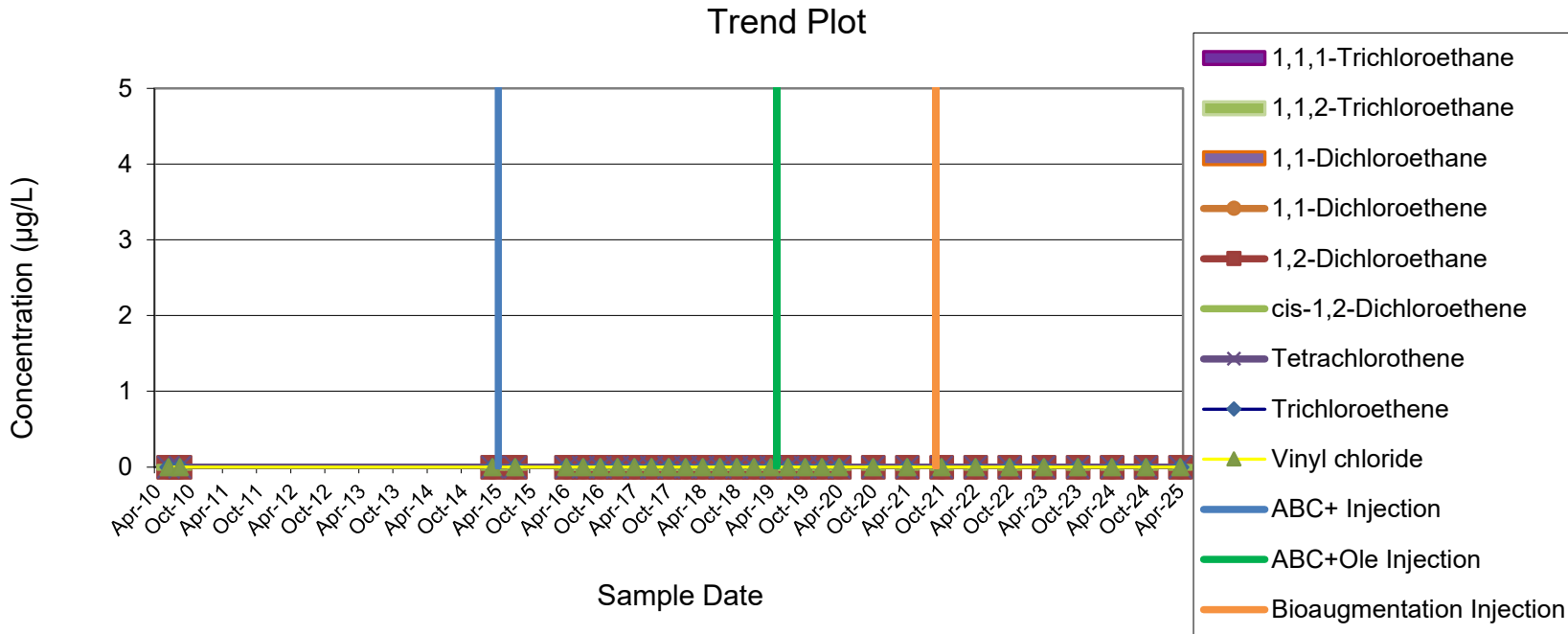
MONITORING WELL MW-36D  
SUMMARY OF VOCs IN GROUNDWATER  
Former Scott Aviation Site  
Lancaster, New York





[illegible]

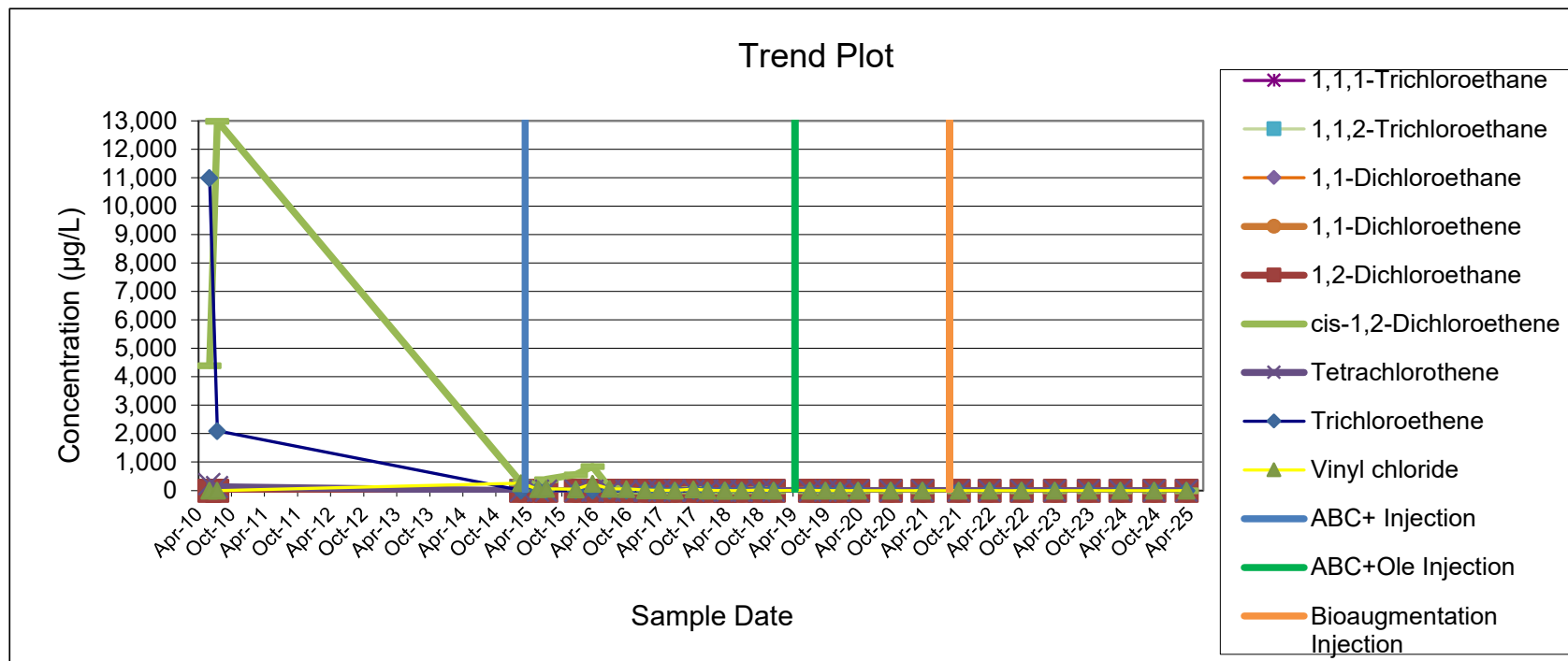
**MONITORING WELL MW-37D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**



**MONITORING WELL MW-38D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

[illegible]

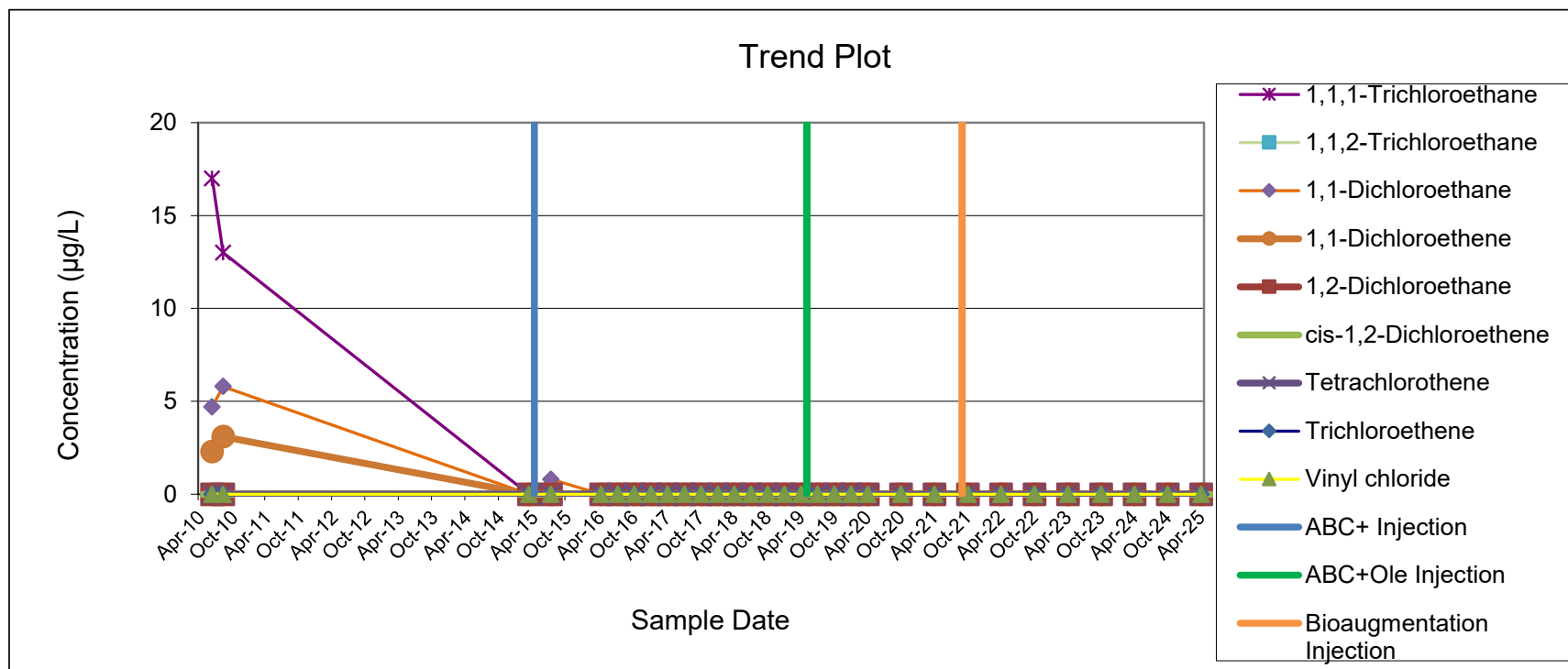
**MONITORING WELL MW-38D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**



**MONITORING WELL MW-39D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**

[illegible]

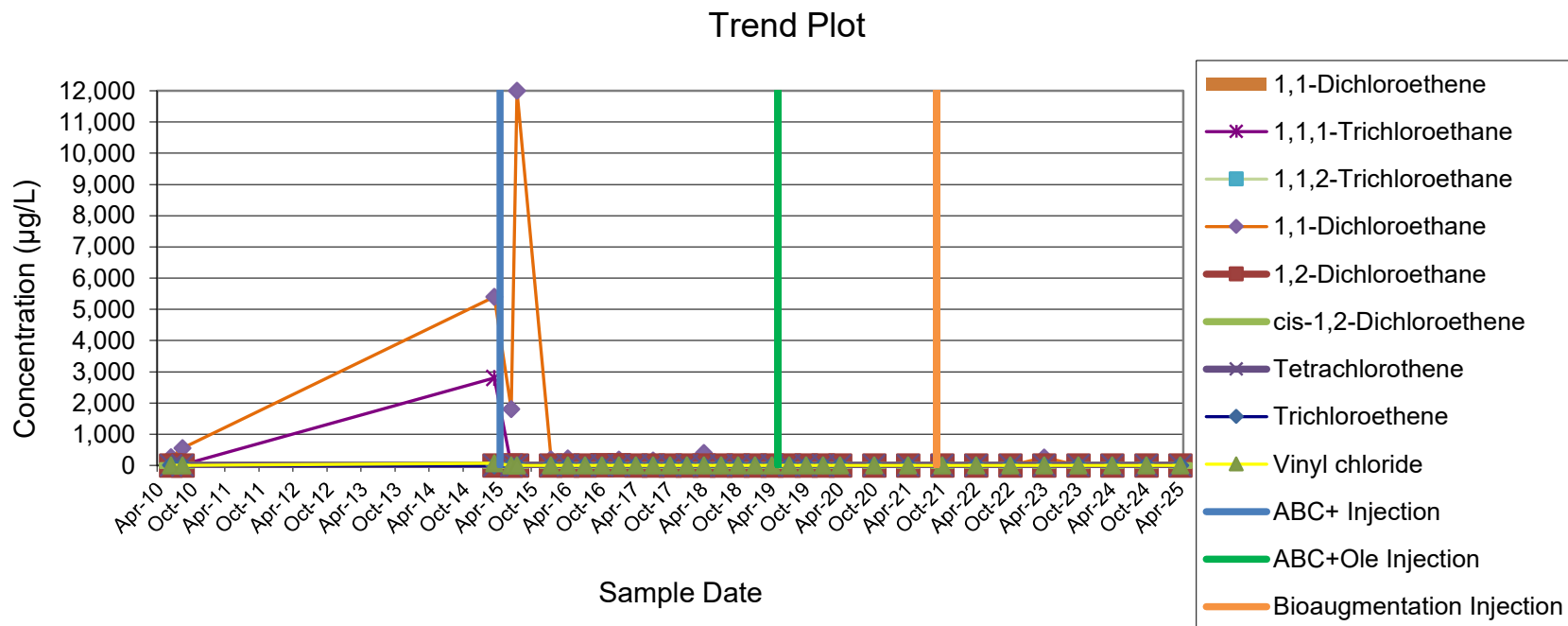
**MONITORING WELL MW-39D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York



**MONITORING WELL MW-40D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
Former Scott Aviation Site  
Lancaster, New York

| Sample Date | Analytical Results (µg/L) |                       |                    |                    |                    |                        |                   |                 |                |
|-------------|---------------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|-------------------|-----------------|----------------|
|             | 1,1,1-Trichloroethane     | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl chloride |
| 6/21/2010   | 23                        | ND                    | 260                | 1.8                | ND                 | 1.2                    | ND                | 2.8             | ND             |
| 8/3/2010    | 25                        | ND                    | 550                | 6                  | ND                 | ND                     | ND                | ND              | ND             |
| 3/11/2015   | 2,800                     | ND                    | 5,400              | 200                | ND                 | ND                     | ND                | ND              | 67             |
| 6/12/2015   | ND                        | ND                    | 1,800              | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/27/2015   | ND                        | ND                    | 12,000             | 64                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/7/2016    | ND                        | ND                    | 190                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/8/2016    | ND                        | ND                    | 220                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/11/2016   | ND                        | ND                    | 12                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/11/2016  | ND                        | ND                    | 71                 | ND                 | 5.2                | ND                     | ND                | ND              | ND             |
| 1/25/2017   | ND                        | ND                    | 180                | ND                 | 4.8                | ND                     | ND                | ND              | ND             |
| 4/10/2017   | 43                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/10/2017   | ND                        | ND                    | 150                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/16/2017  | ND                        | ND                    | 51                 | ND                 | 1.3                | ND                     | ND                | ND              | 0.9            |
| 1/4/2018    | ND                        | ND                    | 32                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/10/2018   | 20                        | ND                    | 400                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/10/2018   | ND                        | ND                    | 4.6                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/18/2018  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/7/2019    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/16/2019   | 20                        | ND                    | 78                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 7/29/2019   | ND                        | ND                    | 15                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/18/2019  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 1/8/2020    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/16/2020   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/12/2020  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/1/2021    | ND                        | ND                    | 8.6                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/27/2021  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/8/2022    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/7/2022   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/11/2023   | 74                        | ND                    | 250                | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/12/2023  | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/5/2024    | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 10/4/2024   | ND                        | ND                    | ND                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |
| 4/4/2025    | ND                        | ND                    | 75                 | ND                 | ND                 | ND                     | ND                | ND              | ND             |

**MONITORING WELL MW-40D**  
**SUMMARY OF VOCs IN GROUNDWATER**  
**Former Scott Aviation Site**  
**Lancaster, New York**





## **Appendix C Purge Logs (October 2024 and April 2025)**

Date (mo/day/yr)10/9/2024

Field PersonnelAnn Marie Kropovitch

Site NameFormer Scott Aviation Site - Lancaster, NY

AECOM Job #60676146

Well ID #A1-GP02-S

Upgradient

Downgradient

Weather Conditionsslightly cloudy, windy

Air Temperature54 F

Total Depth (TWD) Below Top of Casing151/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 6.781/100 ft

Length of Water Column (LWC) = TWD - DGW = 8.221/100 ft

1 Casing Volume (OCV) = LWC x 0.0408 = 0.34 gal

3 Casing Volumes = 1.01 gal

Method of Well EvacuationPeristaltic Pump

Method of Sample CollectionPeristaltic Pump/Poly Tubing

Total Volume of Water Removed gal

Casing Diameter1inches

Casing MaterialPVC

Measuring Point Elevation689.821/100 ft

Height of Riser (above land surface)2.521/100 ft

Land Surface Elevation687.31/100 ft

Screened Interval (below land surface)5-151/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

FIELD ANALYSES

|                                               |       |        |       |  |  |  |  |
|-----------------------------------------------|-------|--------|-------|--|--|--|--|
| Flow Rate (ml/min)                            | 100   | 100    | 100   |  |  |  |  |
| Time (Military)                               | 1100  | 1105   | 1110  |  |  |  |  |
| Depth to Groundwater Below Top of Casing (ft) | 6.78  | 7.57   | 10.80 |  |  |  |  |
| Drawdown (ft)                                 |       |        |       |  |  |  |  |
| pH (S.U.)                                     | 7.29  | 7.20   | 8.05  |  |  |  |  |
| Sp. Cond. (mS/cm)                             | 1.341 | 1.298  | 1.223 |  |  |  |  |
| Turbidity (NTUs)                              | 4.64  | 331    | 235   |  |  |  |  |
| Dissolved Oxygen (mg/L)                       | 3.98  | 1.85   | 2.07  |  |  |  |  |
| Water Temperature (°C)                        | 15.29 | 15.53  | 16.70 |  |  |  |  |
| ORP (mV)                                      | -82.9 | -120.9 | -95.0 |  |  |  |  |

Physical appearance at start

Color

cloudy, light green

Odor

slight

Physical appearance at sampling

Color

cloudy

Odor

slight

Sheen/Free Product

None

Sheen/Free Product

None

COMMENTS/OBSERVATIONS

went dry at 1115

sample time: 1400

|                                                         |        |        |                                           |                    |                                 |          |       |       |
|---------------------------------------------------------|--------|--------|-------------------------------------------|--------------------|---------------------------------|----------|-------|-------|
| Date (mo/day/yr)10/4/2024                               |        |        | Casing Diameter1                          |                    |                                 | inches   |       |       |
| Field PersonnelC Finn                                   |        |        | Casing MaterialPVC                        |                    |                                 |          |       |       |
| Site NameFormer Scott Aviation Site - Lancaster, NY     |        |        | Measuring Point Elevation687.71           |                    |                                 | 1/100 ft |       |       |
| AECOM Job #60676146                                     |        |        | Height of Riser (above land surface)-0.09 |                    |                                 | 1/100 ft |       |       |
| Well ID #A1-GP06-S                                      |        |        | Land Surface Elevation687.8               |                    |                                 | 1/100 ft |       |       |
| UpgradientDowngradient                                  |        |        | Screened Interval (below land surfac5-15  |                    |                                 | 1/100 ft |       |       |
| Weather Conditions                                      |        |        | sun                                       |                    |                                 |          |       |       |
| Air Temperature60 F                                     |        |        |                                           |                    |                                 |          |       |       |
| Total Depth (TWD) Below Top of Casing15.0               |        |        | 1/100 ft                                  |                    |                                 |          |       |       |
| Depth to Groundwater (DGW) Below Top of Casing =3.85    |        |        | 1/100 ft                                  |                    |                                 |          |       |       |
| Length of Water Column (LWC) = TWD - DGW =11.2          |        |        | 1/100 ft                                  |                    |                                 |          |       |       |
| 1 Casing Volume (OCV) = LWC x0.0408=0.45                |        |        | gal                                       |                    |                                 |          |       |       |
| 3 Casing Volumes =1.36                                  |        |        | gal                                       |                    |                                 |          |       |       |
| Method of Well EvacuationPeristaltic Pump               |        |        |                                           |                    |                                 |          |       |       |
| Method of Sample CollectionPeristaltic Pump/Poly Tubing |        |        |                                           |                    |                                 |          |       |       |
| Total Volume of Water Remove:                           |        |        | gal                                       |                    |                                 |          |       |       |
| FIELD ANALYSES                                          |        |        |                                           |                    |                                 |          |       |       |
| Flow Rate (ml/min)                                      | 75     | 75     | 75                                        | 75                 | 75                              | 75       |       |       |
| Time (Military)                                         | 1340   | 1345   | 1350                                      | 1355               | 1400                            | 1405     |       |       |
| Depth to Groundwater Below Top of Casing (ft)           | 9.88   | 9.85   | 9.94                                      | 10.09              | 13.10                           | 14.25    |       |       |
| Drawdown (ft)                                           |        |        |                                           |                    |                                 |          |       |       |
| pH (S.U.)                                               | 7.44   | 7.51   | 7.58                                      | 7.63               | 7.63                            | 7.67     |       |       |
| Sp. Cond. (mS/cm)                                       | 1.580  | 1.585  | 1.576                                     | 1.53               | 1.53                            | 1.512    |       |       |
| Turbidity (NTUs)                                        | 41.3   | 43.3   | 56.9                                      | 60.3               | 69.5                            |          |       |       |
| Dissolved Oxygen (mg/L)                                 | 1.13   | 0.93   | 0.83                                      | 0.69               | 0.58                            | 0.32     |       |       |
| Water Temperature (°C)                                  | 18.30  | 18.36  | 18.57                                     | 19.42              | 20.05                           | 21.81    |       |       |
| ORP (mV)                                                | -148.9 | -170.1 | -183.9                                    | -200.9             | -207.9                          | -226.9   |       |       |
| Physical appearance at start                            |        | Color  | Slightly cloudy                           |                    | Physical appearance at sampling |          | Color | Clear |
|                                                         |        | Odor   | None                                      |                    |                                 |          | Odor  | None  |
| Sheen/Free Product                                      |        | None   |                                           | Sheen/Free Product |                                 |          |       |       |
| COMMENTS/OBSERVATIONS                                   |        |        |                                           |                    |                                 |          |       |       |
| purge start: 1335went dry                               |        |        |                                           |                    |                                 |          |       |       |
| sample time: 1410                                       |        |        |                                           |                    |                                 |          |       |       |

Date (mo/day/yr) 10/8/2024  
Field Personnel Ann Marie Kropovitch  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP09-S  
Upgradient Downgradient  
Weather Conditions very cloudy, dark, windy  
Air Temperature 60 F  
Total Depth (TWD) Below Top of Casing = 17.3 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing = 9.84 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 7.46 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.30 gal  
3 Casing Volumes = 0.91 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation 1/100 ft  
Height of Riser (above land surface) 1/100 ft  
Land Surface Elevation 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                               |       |        |        |  |  |  |  |  |
|-----------------------------------------------|-------|--------|--------|--|--|--|--|--|
| Flow Rate (ml/min)                            | 100   | 100    | 100    |  |  |  |  |  |
| Time (Military)                               | 1435  | 1440   | 1445   |  |  |  |  |  |
| Depth to Groundwater Below Top of Casing (ft) | 9.84  | 14.92  | 15.27  |  |  |  |  |  |
| Drawdown (ft)                                 |       |        |        |  |  |  |  |  |
| pH (S.U.)                                     | 7.39  | 7.24   | 7.20   |  |  |  |  |  |
| Sp. Cond. (mS/cm)                             | 1.352 | 1.338  | 1.336  |  |  |  |  |  |
| Turbidity (NTUs)                              | 112   | 84     | 56     |  |  |  |  |  |
| Dissolved Oxygen (mg/L)                       | 3.44  | 1.61   | 1.02   |  |  |  |  |  |
| Water Temperature (°C)                        | 13.25 | 13.63  | 13.68  |  |  |  |  |  |
| ORP (mV)                                      | -62.6 | -124.2 | -127.8 |  |  |  |  |  |

Physical appearance at start Color Cloudy

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS went dry at 1448

sample time: 10/9/24 0950

|                                      |        |          |
|--------------------------------------|--------|----------|
| Casing Diameter                      | 1      | inches   |
| Casing Material                      | PVC    |          |
| Measuring Point Elevation            | 689.10 | 1/100 ft |
| Height of Riser (above land surface) | -0.10  | 1/100 ft |
| Land Surface Elevation               | 689.2  | 1/100 ft |
| Screened Interval (below land surfac | 5-15   | 1/100 ft |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MS |
|-----------------|-------------------|-----------|--------------------------------------|-------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |             |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |             |
| Various         | MNA Analyses      | 12        | Varies                               |             |
| VOA 40 mL glass | VFA               | 2         | none                                 |             |
|                 |                   |           |                                      |             |
|                 |                   |           |                                      |             |
|                 |                   |           |                                      |             |
|                 |                   |           |                                      |             |

Flow Rate (ml/min)  
Time (Military)  
Depth to Groundwater  
Below Top of Casing (ft)  
Drawdown (ft)  
pH (S.U.)  
Sp. Cond. (mS/cm)  
Turbidity (NTUs)  
Dissolved Oxygen (mg/L)  
Water Temperature (°C)  
ORP (mV)

|        |        |        |  |  |  |  |  |
|--------|--------|--------|--|--|--|--|--|
| 50     | 50     | 50     |  |  |  |  |  |
| 1140   | 1145   | 1150   |  |  |  |  |  |
| 11.35  | 11.35  | 14.71  |  |  |  |  |  |
|        |        |        |  |  |  |  |  |
| 7.05   | 7.01   | 7.03   |  |  |  |  |  |
| 2.203  | 2.238  | 2.254  |  |  |  |  |  |
| 109    | 115    | 111    |  |  |  |  |  |
| 1.42   | 1.19   | 2.97   |  |  |  |  |  |
| 17.28  | 18.32  | 19.41  |  |  |  |  |  |
| -126.3 | -133.5 | -136.1 |  |  |  |  |  |

|                                 |       |                        |
|---------------------------------|-------|------------------------|
| Physical appearance at sampling | Color | <u>Slightly Cloudy</u> |
|                                 | Odor  | <u>None</u>            |
| Free Product                    | None  |                        |

sample: 10/07/2024 0927

Date (mo/day/yr) 10/9/2024

Field Personnel Ann Marie Kropovitch

Site Name Former Scott Aviation Site - Lancaster, NY

AECOM Job # 60676146

Well ID # A1-GP14-S

           Upgradient            Downgradient

Weather Conditions clear, sunny, slight wind

Air Temperature 54F

Total Depth (TWD) Below Top of Casing 15 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing : 2.34 1/100 ft

Length of Water Column (LWC) = TWD - DGW : 12.66 1/100 ft

1 Casing Volume (OCV) = LWC x 0.0408 = 0.52 gal

3 Casing Volumes = 1.55 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed                                  gal

Casing Diameter 1 inches

Casing Material PVC

Measuring Point Elevation 687.69 1/100 ft

Height of Riser (above land surface) -1.74 1/100 ft

Land Surface Elevation 689.4 1/100 ft

Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |        |        |        |  |  |
|--------------------------------------------------|-------|-------|--------|--------|--------|--|--|
| Flow Rate (ml/min)                               | 100   | 100   | 100    | 100    | 100    |  |  |
| Time (Military)                                  | 1010  | 1015  | 1020   | 1025   | 1030   |  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 2.34  | 3.69  | 4.34   | 8.48   | 8.02   |  |  |
| Drawdown (ft)                                    |       |       |        |        |        |  |  |
| pH (S.U.)                                        | 7.66  | 7.46  | 7.36   | 7.35   | 7.38   |  |  |
| Sp. Cond. (mS/cm)                                | 0.782 | 0.741 | 0.722  | 0.730  | 0.725  |  |  |
| Turbidity (NTUs)                                 | 81.4  | 288   | 250    | 237.0  | 293.0  |  |  |
| Dissolved Oxygen (mg/L)                          | 5.65  | 2.50  | 1.19   | 0.93   | 0.82   |  |  |
| Water Temperature (°C)                           | 17.37 | 17.92 | 17.81  | 18.22  | 18.19  |  |  |
| ORP (mV)                                         | -40.2 | -95.3 | -130.4 | -141.2 | -150.4 |  |  |

Physical appearance at start Color CloudyOdor NoneSheen/Free Product NonePhysical appearance at sampling Color CloudyOdor NoneSheen/Free Product NoneCOMMENTS/OBSERVATIONS went dry at 1034

|                   |
|-------------------|
| sample time: 1325 |
|-------------------|

# GROUNDWATER SAMPLING LOG

|                                                                           |  |                                                             |  |
|---------------------------------------------------------------------------|--|-------------------------------------------------------------|--|
| Date (mo/day/yr) <u>10/8/2024</u>                                         |  | Casing Diameter <u>1</u> inches                             |  |
| Field Personnel <u>Ann Marie Kropovitch</u>                               |  | Casing Material <u>PVC</u>                                  |  |
| Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>               |  | Measuring Point Elevation <u>687.69</u> 1/100 ft            |  |
| AECOM Job # <u>60676146</u>                                               |  | Height of Riser (above land surface) <u>-0.31</u> 1/100 ft  |  |
| Well ID # <u>A1-GP15-S</u>                                                |  | Land Surface Elevation <u>688.0</u> 1/100 ft                |  |
| <u>          </u> Upgradient <u>          </u> Downgradient               |  | Screened Interval (below land surface) <u>5-15</u> 1/100 ft |  |
| Weather Conditions <u>cloudy/slight wind</u>                              |  |                                                             |  |
| Air Temperature <u>62 F</u>                                               |  |                                                             |  |
| Total Depth (TWD) Below Top of Casing <u>14.82</u> 1/100 ft               |  |                                                             |  |
| Depth to Groundwater (DGW) Below Top of Casing : <u>5.14</u> 1/100 ft     |  |                                                             |  |
| Length of Water Column (LWC) = TWD - DGW = <u>9.68</u> 1/100 ft           |  |                                                             |  |
| 1 Casing Volume (OCV) = LWC x <u>0.0408</u> = <u>0.39</u> gal             |  |                                                             |  |
| 3 Casing Volumes = <u>1.18</u> gal                                        |  |                                                             |  |
| Method of Well Evacuation <u>Peristaltic Pump</u>                         |  |                                                             |  |
| Method of Sample Collector <u>Peristaltic Pump/Poly Tubing</u>            |  |                                                             |  |
| Total Volume of Water Removed <u>                                </u> gal |  |                                                             |  |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

| FIELD ANALYSES                                |       |       |  |  |  |  |  |
|-----------------------------------------------|-------|-------|--|--|--|--|--|
| Flow Rate (ml/min)                            | 100   | 100   |  |  |  |  |  |
| Time (Military)                               | 1315  | 1320  |  |  |  |  |  |
| Depth to Groundwater Below Top of Casing (ft) | 5.14  | 14.72 |  |  |  |  |  |
| Drawdown (ft)                                 |       |       |  |  |  |  |  |
| pH (S.U.)                                     | 7.49  | 7.53  |  |  |  |  |  |
| Sp. Cond. (mS/cm)                             | 0.841 | 0.823 |  |  |  |  |  |
| Turbidity (NTUs)                              | 75.30 | 62.4  |  |  |  |  |  |
| Dissolved Oxygen (mg/L)                       | 2.37  | 1.74  |  |  |  |  |  |
| Water Temperature (°C)                        | 16.16 | 15.74 |  |  |  |  |  |
| ORP (mV)                                      | -48.7 | -59.4 |  |  |  |  |  |

|                              |       |                        |                                 |       |               |
|------------------------------|-------|------------------------|---------------------------------|-------|---------------|
| Physical appearance at start | Color | <u>Slightly 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 | <u>went dry at 1325</u><br><u>sample time: 1400</u> |
|-----------------------|-----------------------------------------------------|



Date (mo/day/yr) 10/8/2024  
Field Personnel Ann Marie Kropovitch  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP16-S  
           Upgradient            Downgradient  
Weather Conditions cloudy  
Air Temperature 60 F  
Total Depth (TWD) Below Top of Casing 17.52 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing :            1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 17.52 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.71 gal  
3 Casing Volumes = 2.14 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed            gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation 687.69 1/100 ft  
Height of Riser (above land surface) -0.31 1/100 ft  
Land Surface Elevation 688.0 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |        |        |        |        |  |  |  |  |
|--------------------------------------------------|--------|--------|--------|--------|--|--|--|--|
| Flow Rate (ml/min)                               | 130    | 130    | 100    | 100    |  |  |  |  |
| Time (Military)                                  | 1145   | 1150   | 1155   | 1200   |  |  |  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 5.42   | 10.98  | 11.00  | 12.51  |  |  |  |  |
| Drawdown (ft)                                    |        |        |        |        |  |  |  |  |
| pH (S.U.)                                        | 7.94   | 7.77   | 7.61   | 7.59   |  |  |  |  |
| Sp. Cond. (mS/cm)                                | 1.400  | 1.385  | 1.378  | 1.378  |  |  |  |  |
| Turbidity (NTUs)                                 | 54.4   | 27.0   | 38.4   | 42.4   |  |  |  |  |
| Dissolved Oxygen (mg/L)                          | 5.10   | 1.23   | 1.01   | 0.70   |  |  |  |  |
| Water Temperature (°C)                           | 14.94  | 14.56  | 14.48  | 14.81  |  |  |  |  |
| ORP (mV)                                         | -154.1 | -173.0 | -169.5 | -165.0 |  |  |  |  |

Physical appearance at start Col: ## Slightly CloudyOdor NoneSheen/Free Product NonePhysical appearance at sampling Color ClearOdor NoneSheen/Free Product None

COMMENTS/OBSERVATIONS went dry at 1203  
sample time: 1240

|                                                  |                                            |              |                                        |        |  |          |  |
|--------------------------------------------------|--------------------------------------------|--------------|----------------------------------------|--------|--|----------|--|
| Date (mo/day/yr)                                 | 10/07/24                                   |              | Casing Diameter                        | 0.75   |  | inches   |  |
| Field Personnel                                  | Ann Marie Kropovitch                       |              | Casing Material                        | PVC    |  |          |  |
| Site Name                                        | Former Scott Aviation Site - Lancaster, NY |              | Measuring Point Elevation              | 690.37 |  | 1/100 ft |  |
| AECOM Job #                                      | 60676146                                   |              | Height of Riser (above land surface)   | 2.87   |  | 1/100 ft |  |
| Well ID #                                        | A1GP-18-S                                  |              | Land Surface Elevation                 | 687.5  |  | 1/100 ft |  |
|                                                  | Upgradient                                 | Downgradient | Screened Interval (below land surface) | 5-15   |  | 1/100 ft |  |
| Weather Conditions                               | cool, cloudy, windy                        |              |                                        |        |  |          |  |
| Air Temperature                                  | 50 F                                       |              |                                        |        |  |          |  |
| Total Depth (TWD) Below Top of Casing            | 18                                         | 1/100 ft     |                                        |        |  |          |  |
| Depth to Groundwater (DGW) Below Top of Casing : | 7.45                                       | 1/100 ft     |                                        |        |  |          |  |
| Length of Water Column (LWC) = TWD - DGW :       | 10.55                                      | 1/100 ft     |                                        |        |  |          |  |
| 1 Casing Volume (OCV) = LWC x                    | 0.0408                                     | =            | 0.43                                   | gal    |  |          |  |
| 3 Casing Volumes =                               | 1.29                                       | gal          |                                        |        |  |          |  |
| Method of Well Evacuation                        | Peristaltic Pump                           |              |                                        |        |  |          |  |
| Method of Sample Collector                       | Peristaltic Pump/Poly Tubing               |              |                                        |        |  |          |  |
| Total Volume of Water Removed                    |                                            |              | gal                                    |        |  |          |  |

|                                               |       |        |        |  |  |  |  |  |
|-----------------------------------------------|-------|--------|--------|--|--|--|--|--|
| Flow Rate (ml/min)                            | 125   | 100    | 100    |  |  |  |  |  |
| Time (Military)                               | 955   | 1000   | 1010   |  |  |  |  |  |
| Depth to Groundwater Below Top of Casing (ft) | 7.45  | 15.50  | 17.50  |  |  |  |  |  |
| Drawdown (ft)                                 |       |        |        |  |  |  |  |  |
| pH (S.U.)                                     | 7.27  | 7.32   | 7.38   |  |  |  |  |  |
| Sp. Cond. (mS/cm)                             | 0.850 | 0.866  | 0.854  |  |  |  |  |  |
| Turbidity (NTUs)                              | 200   | 490    | 7      |  |  |  |  |  |
| Dissolved Oxygen (mg/L)                       | 1.99  | 1.39   | 1.09   |  |  |  |  |  |
| Water Temperature (°C)                        | 13.60 | 13.17  | 13.27  |  |  |  |  |  |
| ORP (mV)                                      | -71.2 | -103.0 | -127.8 |  |  |  |  |  |

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

COMMENTS/OBSERVATIONS went dry at 1013  
 sample time: 1230

| Date (mo/day/yr) <u>10/2/2024</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | Casing Diameter <u>2</u> inches                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------|--------------------------------------|---------------------------------|-------------------|-------------|--------------|--------------|-----------------|------------------|---|----------|--|-----------------|-----|---|--------------------------------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Field Personnel <u>Chris Finn</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | Casing Material <u>PVC</u>                                     |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   | Measuring Point Elevation <u>687.1</u> 1/100 ft                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AECOM Job # <u>60676146</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   | Height of Riser (above land surface) <u>1.80</u> 1/100 ft      |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Well ID # <u>MW-2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   | Land Surface Elevation <u>685.3</u> 1/100 ft                   |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>        </u> Upgradient <u>        </u> x <u>        </u> Downgradient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   | Screened Interval (below land surface) <u>45490.0</u> 1/100 ft |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Weather Conditions <u>partly sunny</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Air Temperature <u>50 F</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Depth (TWD) Below Top of Casing <u>16.4</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Depth to Groundwater (DGW) Below Top of Casing : <u>6.87</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Length of Water Column (LWC) = TWD - DGW = <u>16.4</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>2.67</u> gal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Casing Volumes = <u>8.02</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>2.3</u> gal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Container</th><th>Analysis (Method)</th><th># Bottles</th><th>Preservative</th><th>Dup - MS/MSD</th></tr></thead><tbody><tr><td>VOA 40 mL glass</td><td>TCL VOCs (8260B)</td><td>3</td><td>HCL, 4°C</td><td></td></tr><tr><td>VOA 40 mL glass</td><td>TOC</td><td>2</td><td>H<sub>2</sub>SO<sub>4</sub>, 4°C</td><td>--</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> |                   |                                                                |                                      | Container                       | Analysis (Method) | # Bottles   | Preservative | Dup - MS/MSD | VOA 40 mL glass | TCL VOCs (8260B) | 3 | HCL, 4°C |  | VOA 40 mL glass | TOC | 2 | H <sub>2</sub> SO <sub>4</sub> , 4°C | -- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Container                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Analysis (Method) | # Bottles                                                      | Preservative                         | Dup - MS/MSD                    |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOA 40 mL glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TCL VOCs (8260B)  | 3                                                              | HCL, 4°C                             |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOA 40 mL glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOC               | 2                                                              | H <sub>2</sub> SO <sub>4</sub> , 4°C | --                              |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>FIELD ANALYSES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8.34              | 8.57                                                           | 8.79                                 | 9.11                            | 9.51              | 9.72        | 10.13        |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Drawdown (ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pH (S.U.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6.97              | 6.95                                                           | 6.95                                 | 6.94                            | 6.93              | 6.92        | 6.87         |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sp. Cond. (mS/cm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.967             | 1.914                                                          | 1.892                                | 1.875                           | 1.746             | 1.522       | 1.461        |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Turbidity (NTUs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6.64              | 5.44                                                           | 5.85                                 | 7.02                            | 23.06             | 20.2        | 15.7         |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dissolved Oxygen (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.52              | 0.90                                                           | 0.77                                 | 0.66                            | 0.58              | 0.55        | 0.51         |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water Temperature (°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16.30             | 16.44                                                          | 16.58                                | 16.65                           | 16.59             | 16.56       | 16.64        |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ORP (mV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -137.8            | -140.6                                                         | -141.9                               | -142.9                          | -142.1            | -134.3      | -127.3       |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Physical appearance at start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | Col: ##                                                        | <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 <u>purge start: 1200</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>sample time: 1240</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                                                |                                      |                                 |                   |             |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| Date (mo/day/yr) <u>10/2/2024</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | Casing Diameter <u>2</u> inches                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------|--------------------------------------|--------------|--------------------|--------------|--------------|--------------|-----------------|------------------|---|----------|--|-----------------|-----|---|--------------------------------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Field Personnel <u>Chris Finn</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                |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AECOM Job # <u>60676146</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   | Height of Riser (above land surface) <u>1.45</u> 1/100 ft       |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Well ID # <u>MW-3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   | Land Surface Elevation <u>685.6</u> 1/100 ft                    |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>        </u> Upgradient <u>x</u> <u>        </u> Downgradient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   | Screened Interval (below land surface) <u>7.5-27.5</u> 1/100 ft |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Weather Conditions <u>partly sunny</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Air Temperature <u>60 F</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Depth (TWD) Below Top of Casing <u>28</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Depth to Groundwater (DGW) Below Top of Casing : <u>10.16</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Length of Water Column (LWC) = TWD - DGW = <u>28</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>4.56</u> gal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Casing Volumes = <u>13.69</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Container</th><th>Analysis (Method)</th><th># Bottles</th><th>Preservative</th><th>Dup - MS/MSD</th></tr></thead><tbody><tr><td>VOA 40 mL glass</td><td>TCL VOCs (8260B)</td><td>3</td><td>HCL, 4°C</td><td></td></tr><tr><td>VOA 40 mL glass</td><td>TOC</td><td>2</td><td>H<sub>2</sub>SO<sub>4</sub>, 4°C</td><td>--</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> |                   |                                                                 |                                      | Container    | Analysis (Method)  | # Bottles    | Preservative | Dup - MS/MSD | VOA 40 mL glass | TCL VOCs (8260B) | 3 | HCL, 4°C |  | VOA 40 mL glass | TOC | 2 | H <sub>2</sub> SO <sub>4</sub> , 4°C | -- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Container                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Analysis (Method) | # Bottles                                                       | Preservative                         | Dup - MS/MSD |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOA 40 mL glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TCL VOCs (8260B)  | 3                                                               | HCL, 4°C                             |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOA 40 mL glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOC               | 2                                                               | H <sub>2</sub> SO <sub>4</sub> , 4°C | --           |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>FIELD ANALYSES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Flow Rate (ml/min)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>175</u>        | <u>175</u>                                                      | <u>175</u>                           | <u>175</u>   | <u>175</u>         | <u>175</u>   |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Time (Military)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <u>1330</u>       | <u>1335</u>                                                     | <u>1340</u>                          | <u>1345</u>  | <u>1350</u>        | <u>1355</u>  | <u>1400</u>  |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Depth to Groundwater Below Top of Casing (ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>11.85</u>      | <u>12.51</u>                                                    | <u>12.95</u>                         | <u>13.16</u> | <u>13.40</u>       | <u>13.56</u> | <u>13.70</u> |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Drawdown (ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pH (S.U.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>7.44</u>       | <u>7.44</u>                                                     | <u>7.43</u>                          | <u>7.43</u>  | <u>7.46</u>        | <u>7.44</u>  | <u>7.40</u>  |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sp. Cond. (mS/cm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u>1.178</u>      | <u>1.172</u>                                                    | <u>1.169</u>                         | <u>1.155</u> | <u>1.142</u>       | <u>1.142</u> | <u>1.142</u> |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Turbidity (NTUs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u>13.3</u>       | <u>7.55</u>                                                     | <u>4.76</u>                          | <u>4.42</u>  | <u>4.19</u>        | <u>3.05</u>  | <u>3.41</u>  |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dissolved Oxygen (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u>1.41</u>       | <u>1.10</u>                                                     | <u>1.02</u>                          | <u>0.93</u>  | <u>0.95</u>        | <u>1</u>     | <u>1.03</u>  |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water Temperature (°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <u>14.61</u>      | <u>14.78</u>                                                    | <u>14.81</u>                         | <u>14.97</u> | <u>15.22</u>       | <u>15.05</u> | <u>14.99</u> |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ORP (mV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>13.0</u>       | <u>-12.1</u>                                                    | <u>-17.9</u>                         | <u>-29.9</u> | <u>-44.9</u>       | <u>-44.0</u> | <u>-41.3</u> |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Physical appearance at start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | Col: ## <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 <u>purge start: 1325</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>sample time: 1400</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                                                 |                                      |              |                    |              |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                                                                           |               |                                                                  |               |                                 |               |                                |               |
|---------------------------------------------------------------------------|---------------|------------------------------------------------------------------|---------------|---------------------------------|---------------|--------------------------------|---------------|
| Date (mo/day/yr) <u>10/2/2024</u>                                         |               | Casing Diameter <u>2</u> inches                                  |               |                                 |               |                                |               |
| Field Personnel <u>Chris Finn</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                  |               |                                 |               |                                |               |
| AECOM Job # <u>60676146</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                    |               |                                 |               |                                |               |
| <u>        </u> Upgradient <u>        </u> x <u>        </u> Downgradient |               | Screened Interval (below land surface) <u>15.5-25.5</u> 1/100 ft |               |                                 |               |                                |               |
| Weather Conditions <u>partly sunny</u>                                    |               |                                                                  |               |                                 |               |                                |               |
| Air Temperature <u>60 F</u>                                               |               |                                                                  |               |                                 |               |                                |               |
| Total Depth (TWD) Below Top of Casing <u>26</u> 1/100 ft                  |               |                                                                  |               |                                 |               |                                |               |
| Depth to Groundwater (DGW) Below Top of Casing : <u>14.11</u> 1/100 ft    |               |                                                                  |               |                                 |               |                                |               |
| Length of Water Column (LWC) = TWD - DGW = <u>26</u> 1/100 ft             |               |                                                                  |               |                                 |               |                                |               |
| 1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>4.24</u> gal              |               |                                                                  |               |                                 |               |                                |               |
| 3 Casing Volumes = <u>12.71</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>1.5</u> gal                              |               |                                                                  |               |                                 |               |                                |               |
| <b>FIELD ANALYSES</b>                                                     |               |                                                                  |               |                                 |               |                                |               |
| Flow Rate (ml/min)                                                        | <u>125</u>    | <u>125</u>                                                       | <u>125</u>    | <u>125</u>                      | <u>125</u>    | <u>125</u>                     |               |
| Time (Military)                                                           | <u>1430</u>   | <u>1435</u>                                                      | <u>1440</u>   | <u>1445</u>                     | <u>1450</u>   | <u>1500</u>                    | <u>1505</u>   |
| Depth to Groundwater Below Top of Casing (ft)                             | <u>15.23</u>  | <u>15.98</u>                                                     | <u>16.40</u>  | <u>17.31</u>                    | <u>17.77</u>  | <u>18.68</u>                   | <u>19.21</u>  |
| Drawdown (ft)                                                             |               |                                                                  |               |                                 |               |                                |               |
| pH (S.U.)                                                                 | <u>7.17</u>   | <u>7.16</u>                                                      | <u>7.15</u>   | <u>7.13</u>                     | <u>7.14</u>   | <u>7.15</u>                    | <u>7.13</u>   |
| Sp. Cond. (mS/cm)                                                         | <u>2.632</u>  | <u>2.626</u>                                                     | <u>2.625</u>  | <u>2.633</u>                    | <u>2.641</u>  | <u>2.715</u>                   | <u>2.713</u>  |
| Turbidity (NTUs)                                                          | <u>936</u>    | <u>885</u>                                                       | <u>930</u>    | <u>852</u>                      | <u>727</u>    | <u>572</u>                     | <u>558</u>    |
| Dissolved Oxygen (mg/L)                                                   | <u>2.00</u>   | <u>1.97</u>                                                      | <u>1.90</u>   | <u>1.34</u>                     | <u>1.59</u>   | <u>6.59</u>                    | <u>5.89</u>   |
| Water Temperature (°C)                                                    | <u>16.31</u>  | <u>16.32</u>                                                     | <u>16.31</u>  | <u>15.92</u>                    | <u>16.63</u>  | <u>15.33</u>                   | <u>15.79</u>  |
| ORP (mV)                                                                  | <u>-138.2</u> | <u>-139.1</u>                                                    | <u>-138.0</u> | <u>-137.3</u>                   | <u>-142.6</u> | <u>-134.4</u>                  | <u>-138.0</u> |
| Physical appearance at start                                              |               | Color <u>## muddy/gray w/sol</u>                                 |               | Physical appearance at sampling |               | Color <u>gray w/some solid</u> |               |
|                                                                           |               | Odor <u>Slight odor</u>                                          |               |                                 |               | Odor <u>Slight odor</u>        |               |
| Sheen/Free Product <u>None</u>                                            |               |                                                                  |               | Sheen/Free Product <u>None</u>  |               |                                |               |
| COMMENTS/OBSERVATIONS <u>purge start: 1425</u>                            |               |                                                                  |               |                                 |               |                                |               |
| <u>sample time: 1515</u>                                                  |               |                                                                  |               |                                 |               |                                |               |

|                                                                                                                                             |               |                                                              |                                 |               |                                  |               |               |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------|---------------------------------|---------------|----------------------------------|---------------|---------------|
| Date (mo/day/yr) <u>10/3/2024</u>                                                                                                           |               | Casing Diameter <u>4</u> inches                              |                                 |               |                                  |               |               |
| Field Personnel <u>Chris Finn</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             |                                 |               |                                  |               |               |
| AECOM Job # <u>60676146</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                |                                 |               |                                  |               |               |
| <u>        </u> Upgradient <u>x</u> <u>        </u> Downgradient                                                                            |               | Screened Interval (below land surface) <u>14-24</u> 1/100 ft |                                 |               |                                  |               |               |
| Weather Conditions <u>sunny w/ breeze</u>                                                                                                   |               |                                                              |                                 |               |                                  |               |               |
| Air Temperature <u>60 F</u>                                                                                                                 |               |                                                              |                                 |               |                                  |               |               |
| Total Depth (TWD) Below Top of Casing <u>27.5</u> 1/100 ft                                                                                  |               |                                                              |                                 |               |                                  |               |               |
| Depth to Groundwater (DGW) Below Top of Casing : <u>10.29</u> 1/100 ft                                                                      |               |                                                              |                                 |               |                                  |               |               |
| Length of Water Column (LWC) = TWD - DGW = <u>27.5</u> 1/100 ft                                                                             |               |                                                              |                                 |               |                                  |               |               |
| 1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>4.48</u> gal                                                                                |               |                                                              |                                 |               |                                  |               |               |
| 3 Casing Volumes = <u>13.45</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                                                                                                |               |                                                              |                                 |               |                                  |               |               |
| <b>FIELD ANALYSES</b>                                                                                                                       |               |                                                              |                                 |               |                                  |               |               |
| Flow Rate (ml/min)                                                                                                                          | <u>100</u>    | <u>100</u>                                                   | <u>100</u>                      | <u>100</u>    | <u>100</u>                       | <u>100</u>    |               |
| Time (Military)                                                                                                                             | <u>1120</u>   | <u>1125</u>                                                  | <u>1130</u>                     | <u>1135</u>   | <u>1140</u>                      | <u>1145</u>   | <u>1150</u>   |
| Depth to Groundwater Below Top of Casing (ft)                                                                                               | <u>12.60</u>  | <u>12.99</u>                                                 | <u>14.36</u>                    | <u>14.81</u>  | <u>15.62</u>                     | <u>16.02</u>  | <u>16.95</u>  |
| Drawdown (ft)                                                                                                                               |               |                                                              |                                 |               |                                  |               |               |
| pH (S.U.)                                                                                                                                   | <u>7.55</u>   | <u>7.53</u>                                                  | <u>7.51</u>                     | <u>7.50</u>   | <u>7.48</u>                      | <u>7.47</u>   | <u>7.42</u>   |
| Sp. Cond. (mS/cm)                                                                                                                           | <u>1.481</u>  | <u>1.476</u>                                                 | <u>1.469</u>                    | <u>1.465</u>  | <u>1.462</u>                     | <u>1.463</u>  | <u>1.471</u>  |
| Turbidity (NTUs)                                                                                                                            | <u>67.0</u>   |                                                              |                                 |               | <u>75.8</u>                      | <u>63.6</u>   | <u>62.1</u>   |
| Dissolved Oxygen (mg/L)                                                                                                                     | <u>1.58</u>   | <u>1.13</u>                                                  | <u>0.69</u>                     | <u>0.60</u>   | <u>0.53</u>                      | <u>0.49</u>   | <u>0.42</u>   |
| Water Temperature (°C)                                                                                                                      | <u>15.93</u>  | <u>16.50</u>                                                 | <u>17.10</u>                    | <u>17.25</u>  | <u>17.36</u>                     | <u>17.49</u>  | <u>17.59</u>  |
| ORP (mV)                                                                                                                                    | <u>-119.3</u> | <u>-135.1</u>                                                | <u>-146.9</u>                   | <u>-148.6</u> | <u>-152.5</u>                    | <u>-153.1</u> | <u>-154.0</u> |
| Physical appearance at start                                                                                                                |               | Color <u>Clear</u>                                           | Physical appearance at sampling |               | Color <u>ear w/solids floati</u> |               |               |
|                                                                                                                                             |               | Odor <u>None</u>                                             |                                 |               | Odor <u>None</u>                 |               |               |
| Sheen/Free Product <u>None</u>                                                                                                              |               |                                                              | Sheen/Free Product <u>None</u>  |               |                                  |               |               |
| COMMENTS/OBSERVATIONS <u>purge start: 1115 turbidity meter died no readings for 1125-1135</u>                                               |               |                                                              |                                 |               |                                  |               |               |
| <u>sample time: 1150 fine solids in water black &amp; white in color. Water got more turbid while collecting samples turned black/gray.</u> |               |                                                              |                                 |               |                                  |               |               |

|                                                                       |              |                                                                 |                                 |              |                    |              |              |
|-----------------------------------------------------------------------|--------------|-----------------------------------------------------------------|---------------------------------|--------------|--------------------|--------------|--------------|
| Date (mo/day/yr) <u>10/2/2024</u>                                     |              | Casing Diameter <u>4</u> inches                                 |                                 |              |                    |              |              |
| Field Personnel <u>Chris Finn</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                |                                 |              |                    |              |              |
| AECOM Job # <u>60676146</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                   |                                 |              |                    |              |              |
| <u>          </u> Upgradient <u>  x  </u> Downgradient                |              | Screened Interval (below land surface) <u>8.5-28.5</u> 1/100 ft |                                 |              |                    |              |              |
| Weather Conditions <u>partly sunny</u>                                |              |                                                                 |                                 |              |                    |              |              |
| Air Temperature <u>50 F</u>                                           |              |                                                                 |                                 |              |                    |              |              |
| Total Depth (TWD) Below Top of Casing <u>28.5</u> 1/100 ft            |              |                                                                 |                                 |              |                    |              |              |
| Depth to Groundwater (DGW) Below Top of Casing : <u>13.2</u> 1/100 ft |              |                                                                 |                                 |              |                    |              |              |
| Length of Water Column (LWC) = TWD - DGW = <u>28.5</u> 1/100 ft       |              |                                                                 |                                 |              |                    |              |              |
| 1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>4.65</u> gal          |              |                                                                 |                                 |              |                    |              |              |
| 3 Casing Volumes = <u>13.94</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                          |              |                                                                 |                                 |              |                    |              |              |
|                                                                       |              |                                                                 |                                 |              |                    |              |              |
| <b>FIELD ANALYSES</b>                                                 |              |                                                                 |                                 |              |                    |              |              |
| Flow Rate (ml/min)                                                    | <u>175</u>   | <u>175</u>                                                      | <u>175</u>                      | <u>175</u>   | <u>175</u>         | <u>175</u>   |              |
| Time (Military)                                                       | <u>1035</u>  | <u>1040</u>                                                     | <u>1045</u>                     | <u>1050</u>  | <u>1055</u>        | <u>1100</u>  | <u>1105</u>  |
| Depth to Groundwater Below Top of Casing (ft)                         | <u>13.75</u> | <u>14.00</u>                                                    | <u>14.06</u>                    | <u>14.20</u> | <u>14.34</u>       | <u>14.39</u> | <u>14.46</u> |
| Drawdown (ft)                                                         |              |                                                                 |                                 |              |                    |              |              |
| pH (S.U.)                                                             | <u>6.75</u>  | <u>6.82</u>                                                     | <u>6.83</u>                     | <u>6.81</u>  | <u>6.82</u>        | <u>6.81</u>  | <u>6.81</u>  |
| Sp. Cond. (mS/cm)                                                     | <u>6.405</u> | <u>6.447</u>                                                    | <u>6.421</u>                    | <u>6.408</u> | <u>6.410</u>       | <u>6.405</u> | <u>6.422</u> |
| Turbidity (NTUs)                                                      | <u>2.91</u>  | <u>2.91</u>                                                     | <u>2.92</u>                     | <u>1.88</u>  | <u>1.87</u>        | <u>1.64</u>  | <u>1.64</u>  |
| Dissolved Oxygen (mg/L)                                               | <u>1.30</u>  | <u>1.00</u>                                                     | <u>0.81</u>                     | <u>0.63</u>  | <u>0.62</u>        | <u>0.59</u>  | <u>0.54</u>  |
| Water Temperature (°C)                                                | <u>16.55</u> | <u>16.52</u>                                                    | <u>16.70</u>                    | <u>16.34</u> | <u>16.32</u>       | <u>16.50</u> | <u>16.53</u> |
| ORP (mV)                                                              | <u>-38.5</u> | <u>-49.4</u>                                                    | <u>-55.0</u>                    | <u>-68.9</u> | <u>-69.1</u>       | <u>-67.9</u> | <u>-73.2</u> |
|                                                                       |              |                                                                 |                                 |              |                    |              |              |
| 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 <u>purge start: 1030</u>                        |              |                                                                 |                                 |              |                    |              |              |
| <u>sample time: 1110 dup @ 0800</u>                                   |              |                                                                 |                                 |              |                    |              |              |

| Date (mo/day/yr) <u>10/3/2024</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | Casing Diameter <u>1</u> inches                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------|--------------------------------------|--------------|--------------------|---------------|--------------|--------------|-----------------|------------------|---|----------|--|-----------------|-----|---|--------------------------------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Field Personnel <u>Chris Finn</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | Casing Material <u>PVC</u>                                       |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   | Measuring Point Elevation <u>686.78</u> 1/100 ft                 |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AECOM Job # <u>60676146</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   | Height of Riser (above land surface) <u>-0.12</u> 1/100 ft       |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Well ID # <u>MW-13D</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   | Land Surface Elevation <u>686.9</u> 1/100 ft                     |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>        </u> Upgradient <u>x</u> <u>        </u> Downgradient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   | Screened Interval (below land surface) <u>19.5-23.5</u> 1/100 ft |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Weather Conditions <u>sun, breezy</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Air Temperature <u>60 F</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Depth (TWD) Below Top of Casing <u>23.5</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Depth to Groundwater (DGW) Below Top of Casing : <u>12.91</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Length of Water Column (LWC) = TWD - DGW = <u>23.5</u> 1/100 ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 Casing Volume (OCV) = LWC x <u>0.041</u> = <u>0.96</u> gal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Casing Volumes = <u>2.89</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>0.8</u> gal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Container</th><th>Analysis (Method)</th><th># Bottles</th><th>Preservative</th><th>Dup - MS/MSD</th></tr></thead><tbody><tr><td>VOA 40 mL glass</td><td>TCL VOCs (8260B)</td><td>3</td><td>HCL, 4°C</td><td></td></tr><tr><td>VOA 40 mL glass</td><td>TOC</td><td>2</td><td>H<sub>2</sub>SO<sub>4</sub>, 4°C</td><td>--</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> |                   |                                                                  |                                      | Container    | Analysis (Method)  | # Bottles     | Preservative | Dup - MS/MSD | VOA 40 mL glass | TCL VOCs (8260B) | 3 | HCL, 4°C |  | VOA 40 mL glass | TOC | 2 | H <sub>2</sub> SO <sub>4</sub> , 4°C | -- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Container                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Analysis (Method) | # Bottles                                                        | Preservative                         | Dup - MS/MSD |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOA 40 mL glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TCL VOCs (8260B)  | 3                                                                | HCL, 4°C                             |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOA 40 mL glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOC               | 2                                                                | H <sub>2</sub> SO <sub>4</sub> , 4°C | --           |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>FIELD ANALYSES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Flow Rate (ml/min)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>100</u>        | <u>100</u>                                                       | <u>100</u>                           | <u>100</u>   | <u>100</u>         |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Time (Military)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <u>1440</u>       | <u>1445</u>                                                      | <u>1450</u>                          | <u>1455</u>  | <u>1500</u>        | <u>1505</u>   |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Depth to Groundwater Below Top of Casing (ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>13.85</u>      | <u>13.96</u>                                                     | <u>14.23</u>                         | <u>14.51</u> | <u>14.52</u>       | <u>14.53</u>  |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Drawdown (ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pH (S.U.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>7.53</u>       | <u>7.50</u>                                                      | <u>7.45</u>                          | <u>7.44</u>  | <u>7.43</u>        | <u>7.43</u>   |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sp. Cond. (mS/cm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u>1.333</u>      | <u>1.323</u>                                                     | <u>1.322</u>                         | <u>1.324</u> | <u>1.325</u>       | <u>1.325</u>  |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Turbidity (NTUs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u>24.8</u>       | <u>18.0</u>                                                      | <u>10.6</u>                          | <u>9.45</u>  | <u>9.13</u>        | <u>9.75</u>   |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dissolved Oxygen (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u>1.88</u>       | <u>1.40</u>                                                      | <u>1.49</u>                          | <u>1.93</u>  | <u>1.96</u>        | <u>2.07</u>   |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water Temperature (°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <u>15.78</u>      | <u>16.37</u>                                                     | <u>16.80</u>                         | <u>17.20</u> | <u>18.03</u>       | <u>18.31</u>  |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ORP (mV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>-97.8</u>      | <u>-95.0</u>                                                     | <u>-97.8</u>                         | <u>-99.9</u> | <u>-102.4</u>      | <u>-102.4</u> |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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 <u>purge start: 1435</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>sample time: 1505</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                                                  |                                      |              |                    |               |              |              |                 |                  |   |          |  |                 |     |   |                                      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



|                                                                       |                                                                 |
|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| Date (mo/day/yr) <u>10/3/2024</u>                                     | Casing Diameter <u>1</u> inches                                 |
| Field Personnel <u>Chris Finn</u>                                     | Casing Material <u>PVC</u>                                      |
| Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>           | Measuring Point Elevation <u>686.65</u> 1/100 ft                |
| AECOM Job # <u>60676146</u>                                           | Height of Riser (above land surface) <u>-0.25</u> 1/100 ft      |
| Well ID # <u>MW-13S</u>                                               | Land Surface Elevation <u>686.9</u> 1/100 ft                    |
| <u>        </u> Upgradient <u>x</u> <u>        </u> Downgradient      | Screened Interval (below land surface) <u>8.5-16.5</u> 1/100 ft |
| Weather Conditions <u>sun</u>                                         |                                                                 |
| Air Temperature <u>60 F</u>                                           |                                                                 |
| Total Depth (TWD) Below Top of Casing <u>16.5</u> 1/100 ft            |                                                                 |
| Depth to Groundwater (DGW) Below Top of Casing : <u>7.46</u> 1/100 ft |                                                                 |
| Length of Water Column (LWC) = TWD - DGW = <u>16.5</u> 1/100 ft       |                                                                 |
| 1 Casing Volume (OCV) = LWC x <u>0.041</u> = <u>0.68</u> gal          |                                                                 |
| 3 Casing Volumes = <u>2.03</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>0.5</u> gal                          |                                                                 |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C | --           |
|                 | MNA               |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

|                                               | 100    | 100    | 100    | 100    | 100    | 100    |  |  |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--|--|
| Flow Rate (ml/min)                            | 1345   | 1350   | 1355   | 1400   | 1405   | 1410   |  |  |
| Time (Military)                               | 9.10   | 9.22   | 9.41   | 9.69   | 9.95   | 10.25  |  |  |
| Depth to Groundwater Below Top of Casing (ft) |        |        |        |        |        |        |  |  |
| Drawdown (ft)                                 | 7.32   | 7.30   | 7.27   | 7.23   | 7.21   | 7.19   |  |  |
| pH (S.U.)                                     | 1.491  | 1.492  | 1.499  | 1.508  | 1.520  | 1.530  |  |  |
| Sp. Cond. (mS/cm)                             | 35.2   | 19.0   | 12.8   | 7.40   | 7.03   | 13.1   |  |  |
| Turbidity (NTUs)                              | 1.41   | 1.03   | 0.87   | 0.78   | 0.67   | 0.63   |  |  |
| Dissolved Oxygen (mg/L)                       | 15.77  | 15.88  | 15.85  | 15.95  | 15.94  | 15.92  |  |  |
| Water Temperature (°C)                        | -127.3 | -132.6 | -137.1 | -141.1 | -144.0 | -145.0 |  |  |
| ORP (mV)                                      |        |        |        |        |        |        |  |  |

|                              |       |              |                                 |       |              |
|------------------------------|-------|--------------|---------------------------------|-------|--------------|
| 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 purge start: 1340  
sample time: 1410

|                                                  |                                            |          |                                        |        |  |          |  |
|--------------------------------------------------|--------------------------------------------|----------|----------------------------------------|--------|--|----------|--|
| Date (mo/day/yr)                                 | 10/3/2024                                  |          | Casing Diameter                        | 1      |  | inches   |  |
| Field Personnel                                  | Chris Finn                                 |          | Casing Material                        | PVC    |  |          |  |
| Site Name                                        | Former Scott Aviation Site - Lancaster, NY |          | Measuring Point Elevation              | 686.16 |  | 1/100 ft |  |
| AECOM Job #                                      | 60676146                                   |          | Height of Riser (above land surface)   | 2.47   |  | 1/100 ft |  |
| Well ID #                                        | MW-16D                                     |          | Land Surface Elevation                 | 685.69 |  | 1/100 ft |  |
|                                                  | Upgradient                                 | x        | Downgradient                           |        |  |          |  |
| Weather Conditions                               | sun                                        |          | Screened Interval (below land surface) | 20-24  |  | 1/100 ft |  |
| Air Temperature                                  | 50 F                                       |          |                                        |        |  |          |  |
| Total Depth (TWD) Below Top of Casing            | 24                                         | 1/100 ft |                                        |        |  |          |  |
| Depth to Groundwater (DGW) Below Top of Casing : | 13.14                                      | 1/100 ft |                                        |        |  |          |  |
| Length of Water Column (LWC) = TWD - DGW :       | 24                                         | 1/100 ft |                                        |        |  |          |  |
| 1 Casing Volume (OCV) = LWC x                    | 0.041                                      | =        | 0.98                                   | gal    |  |          |  |
| 3 Casing Volumes =                               | 2.95                                       |          | gal                                    |        |  |          |  |
| Method of Well Evacuation                        | Peristaltic Pump                           |          |                                        |        |  |          |  |
| Method of Sample Collector                       | Peristaltic Pump/Poly Tubing               |          |                                        |        |  |          |  |
| Total Volume of Water Removed                    | 0.5                                        |          | gal                                    |        |  |          |  |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C | --           |
|                 | MNA               |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

| FIELD ANALYSES                                |        |        |        |        |        |        |  |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--|
| Flow Rate (ml/min)                            | 50     | 75     | 75     | 75     | 75     | 75     |  |
| Time (Military)                               | 920    | 925    | 930    | 935    | 940    | 945    |  |
| Depth to Groundwater Below Top of Casing (ft) | 20.42  | 21.72  | 21.45  | 21.44  | 21.45  | 21.45  |  |
| Drawdown (ft)                                 |        |        |        |        |        |        |  |
| pH (S.U.)                                     | 6.95   | 6.98   | 6.99   | 7.01   | 7.01   | 7.01   |  |
| Sp. Cond. (mS/cm)                             | 2.685  | 2.679  | 2.671  | 2.603  | 2.526  | 2.506  |  |
| Turbidity (NTUs)                              | 150    | 163    | 175    | 216    | 226    | 225    |  |
| Dissolved Oxygen (mg/L)                       | 1.54   | 1.06   | 0.93   | 0.78   | 0.69   | 0.66   |  |
| Water Temperature (°C)                        | 12.88  | 12.98  | 13.05  | 13.26  | 13.83  | 13.96  |  |
| ORP (mV)                                      | -147.1 | -160.8 | -168.9 | -173.8 | -172.1 | -170.7 |  |

|                              |       |        |                                 |                              |        |
|------------------------------|-------|--------|---------------------------------|------------------------------|--------|
| Physical appearance at start | Color | Cloudy | Physical appearance at sampling | Color                        | Cloudy |
|                              | Odor  | None   |                                 | Odor                         | None   |
| Sheen/Free Product           | None  |        | Sheen/Free Product              | None, slight sheen in bucket |        |

COMMENTS/OBSERVATIONS    purge start: 0915  
 sample time: 0945

|                                                  |                                            |              |
|--------------------------------------------------|--------------------------------------------|--------------|
| Date (mo/day/yr)                                 | 10/9/2024                                  |              |
| Field Personnel                                  | Ann Marie Kropovitch                       |              |
| Site Name                                        | Former Scott Aviation Site - Lancaster, NY |              |
| AECOM Job #                                      | 60676146                                   |              |
| Well ID #                                        | MW-30                                      |              |
|                                                  | Upgradient                                 | Downgradient |
| Weather Conditions                               | clear sky                                  |              |
| Air Temperature                                  | 45 F                                       |              |
| Total Depth (TWD) Below Top of Casing            | 20                                         | 1/100 ft     |
| Depth to Groundwater (DGW) Below Top of Casing = | 5.12                                       | 1/100 ft     |
| Length of Water Column (LWC) = TWD - DGW =       | 14.88                                      | 1/100 ft     |
| 1 Casing Volume (OCV) = LWC x                    | 0.163 =                                    | 2.43 gal     |
| 3 Casing Volumes =                               | 7.28                                       | gal          |
| Method of Well Evacuation                        | Peristaltic Pump                           |              |
| Method of Sample Collection                      | Peristaltic Pump/Poly Tubing               |              |
| Total Volume of Water Removed                    | gal                                        |              |

|                                      |       |          |
|--------------------------------------|-------|----------|
| Casing Diameter                      | 2     | inches   |
| Casing Material                      | PVC   |          |
| Measuring Point Elevation            |       | 1/100 ft |
| Height of Riser (above land surface) | 0.00  | 1/100 ft |
| Land Surface Elevation               |       | 1/100 ft |
| Screened Interval (below land surfac | 10-20 | 1/100 ft |

[illegible]

## FIELD ANALYSES

Flow Rate (ml/min)

Time (Military)

Depth to Groundwater  
Below Top of Casing (ft)

Drawdown (ft)

pH (S.U.)

Sp. Cond. (mS/cm)

Turbidity (NTUs)

Dissolved Oxygen (mg/L)

Water Temperature (°C)

ORP (mV)

|       |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 150   | 150    | 150    | 150    | 150    | 150    | 150    | 150    |
| 840   | 845    | 850    | 855    | 900    | 905    | 910    | 915    |
| 5.12  | 9.29   | 9.63   | 9.89   | 10.23  | 10.44  | 10.79  | 11.03  |
|       |        |        |        |        |        |        |        |
| 7.94  | 7.64   | 7.61   | 7.59   | 7.58   | 7.56   | 7.55   | 7.54   |
| 0.795 | 0.748  | 0.715  | 0.694  | 0.686  | 0.682  | 0.680  | 0.68   |
| 10.7  | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| 5.32  | 1.31   | 1.03   | 0.86   | 0.50   | 0.70   | 0.62   | 0.60   |
| 16.57 | 17.13  | 17.21  | 17.35  | 17.40  | 17.38  | 17.50  | 17.55  |
| 6.1   | -123.5 | -137.0 | -145.9 | -147.3 | -147.6 | -149.0 | -152.6 |

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

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

COMMENTS/OBSERVATIONS sample time: 0925

Date (mo/day/yr) 10/7/2024  
Field Personnel Ann Marie Kropovitch  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # MW-36S  
           Upgradient            Downgradient

Weather Conditions partly cloudy/windy

Air Temperature 60 F

Total Depth (TWD) Below Top of Casing 17.7 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing : 7.79 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 9.91 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 1.62 gal

3 Casing Volumes = 4.85 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.0 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 689.82 1/100 ft

Height of Riser (above land surface) 2.72 1/100 ft

Land Surface Elevation 687.1 1/100 ft

Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |        |        |        |        |       |        |
|--------------------------------------------------|-------|-------|--------|--------|--------|--------|-------|--------|
| Flow Rate (ml/min)                               | 100   | 100   | 100    | 100    | 100    | 100    | 100   | 100    |
| Time (Military)                                  | 1355  | 1400  | 1405   | 1410   | 1415   | 1420   | 1425  | 0:00   |
| Depth to Groundwater<br>Below Top of Casing (ft) | 7.79  | 8.42  | 8.73   | 9.11   | 9.42   | 9.67   | 10.00 | 10.34  |
| Drawdown (ft)                                    |       |       |        |        |        |        |       |        |
| pH (S.U.)                                        | 8.32  | 7.69  | 7.46   | 7.45   | 7.45   | 7.41   | 7.38  | 7.38   |
| Sp. Cond. (mS/cm)                                | 1.288 | 1.291 | 1.283  | 1.281  | 1.283  | 1.285  | 1.282 | 1.266  |
| Turbidity (NTUs)                                 | 38.6  | 15.0  | 20.4   | 16.4   | 10.1   | 4.84   | 3.18  | 1.07   |
| Dissolved Oxygen (mg/L)                          | 6.68  | 2.30  | 0.94   | 0.88   | 0.87   | 0.78   | 0.77  | 0.63   |
| Water Temperature (°C)                           | 14.10 | 14.15 | 14.53  | 14.73  | 14.69  | 14.65  | 14.68 | 15.09  |
| ORP (mV)                                         | -18.0 | -89.6 | -120.1 | -124.6 | -126.7 | -127.9 | -131  | -134.8 |

Physical appearance at start Color Slightly Cloudy

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS Sample time: 1435

|                                                  |                                            |              |                                        |        |  |          |
|--------------------------------------------------|--------------------------------------------|--------------|----------------------------------------|--------|--|----------|
| Date (mo/day/yr)                                 | 10/8/2024                                  |              | Casing Diameter                        | 2      |  | inches   |
| Field Personnel                                  | Ann Marie Kropovitch                       |              | Casing Material                        | PVC    |  |          |
| Site Name                                        | Former Scott Aviation Site - Lancaster, NY |              | Measuring Point Elevation              | 690.05 |  | 1/100 ft |
| AECOM Job #                                      | 60676146                                   |              | Height of Riser (above land surface)   | 2.45   |  | 1/100 ft |
| Well ID #                                        | MW-37D                                     |              | Land Surface Elevation                 | 687.6  |  | 1/100 ft |
|                                                  | Upgradient                                 | Downgradient | Screened Interval (below land surface) | 15-20  |  | 1/100 ft |
| Weather Conditions                               | clear sky, slight breeze                   |              |                                        |        |  |          |
| Air Temperature                                  | 54 F                                       |              |                                        |        |  |          |
| Total Depth (TWD) Below Top of Casing            | 22.5                                       | 1/100 ft     |                                        |        |  |          |
| Depth to Groundwater (DGW) Below Top of Casing : | 6.84                                       | 1/100 ft     |                                        |        |  |          |
| Length of Water Column (LWC) = TWD - DGW :       | 15.66                                      | 1/100 ft     |                                        |        |  |          |
| 1 Casing Volume (OCV) = LWC x                    | 0.163                                      | =            | 2.55                                   | gal    |  |          |
| 3 Casing Volumes =                               | 7.66                                       | gal          |                                        |        |  |          |
| Method of Well Evacuation                        | Peristaltic Pump                           |              |                                        |        |  |          |
| Method of Sample Collector                       | Peristaltic Pump/Poly Tubing               |              |                                        |        |  |          |
| Total Volume of Water Removed                    |                                            |              | gal                                    |        |  |          |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

| FIELD ANALYSES                                |        |        |        |        |        |        |        |        |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Flow Rate (ml/min)                            | 125    | 125    | 125    | 125    | 125    | 125    | 125    | 125    |
| Time (Military)                               | 900    | 905    | 910    | 915    | 920    | 925    | 0:00   | 0:00   |
| Depth to Groundwater Below Top of Casing (ft) | 6.84   | 8.02   | 9.00   | 9.81   | 10.02  | 10.19  | 10.41  | 10.67  |
| Drawdown (ft)                                 |        |        |        |        |        |        |        |        |
| pH (S.U.)                                     | 7.34   | 7.31   | 7.31   | 7.32   | 7.32   | 7.33   | 7.36   | 7.39   |
| Sp. Cond. (mS/cm)                             | 1.155  | 1.129  | 1.120  | 1.096  | 1.086  | 1.064  | 1.032  | 0.985  |
| Turbidity (NTUs)                              | 0.00   | 0.00   | 0.02   | 1.52   | 0.00   | 3.86   | 0.00   | 0.00   |
| Dissolved Oxygen (mg/L)                       | 4.09   | 1.55   | 1.32   | 1.05   | 1.05   | 0.92   | 0.84   | 0.77   |
| Water Temperature (°C)                        | 12.54  | 12.44  | 12.39  | 12.31  | 12.30  | 12.30  | 12.22  | 12.17  |
| ORP (mV)                                      | -132.6 | -135.1 | -136.6 | -139.0 | -139.7 | -140.6 | -140.6 | -141.4 |

|                              |       |       |                                 |       |       |
|------------------------------|-------|-------|---------------------------------|-------|-------|
| 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    sample time: 0940

COMMENTS/OBSERVATIONS sample time: 1105

|                                                  |                                                   |              |                                      |        |  |          |  |
|--------------------------------------------------|---------------------------------------------------|--------------|--------------------------------------|--------|--|----------|--|
| Date (mo/day/yr)                                 | 10/8/2024                                         |              | Casing Diameter                      | 2      |  | inches   |  |
| Field Personnel                                  | Ann Marie Kropovitch                              |              | Casing Material                      | PVC    |  |          |  |
| Site Name                                        | <b>Former Scott Aviation Site - Lancaster, NY</b> |              | Measuring Point Elevation            | 689.72 |  | 1/100 ft |  |
| AECOM Job #                                      | <b>60676146</b>                                   |              | Height of Riser (above land surface) | 2.57   |  | 1/100 ft |  |
| Well ID #                                        | MW-39D                                            |              | Land Surface Elevation               | 687.4  |  | 1/100 ft |  |
|                                                  | Upgradient                                        | Downgradient | Screened Interval (below land surfac | 15-20  |  | 1/100 ft |  |
| Weather Conditions                               | clear sky, slight wind                            |              |                                      |        |  |          |  |
| Air Temperature                                  | 57 F                                              |              |                                      |        |  |          |  |
| Total Depth (TWD) Below Top of Casing            | 22.5                                              | 1/100 ft     |                                      |        |  |          |  |
| Depth to Groundwater (DGW) Below Top of Casing = | 6.34                                              | 1/100 ft     |                                      |        |  |          |  |
| Length of Water Column (LWC) = TWD - DGW =       | 16.16                                             | 1/100 ft     |                                      |        |  |          |  |
| 1 Casing Volume (OCV) = LWC x                    | 0.163                                             | =            | 2.63                                 | gal    |  |          |  |
| 3 Casing Volumes =                               | 7.90                                              | gal          |                                      |        |  |          |  |
| Method of Well Evacuation                        | Peristaltic Pump                                  |              |                                      |        |  |          |  |
| Method of Sample Collection                      | Peristaltic Pump/Poly Tubing                      |              |                                      |        |  |          |  |
| Total Volume of Water Remove                     |                                                   |              | gal                                  |        |  |          |  |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | 4°C                                  |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

| FIELD ANALYSES                                   |        |                    |                                 |        |        |        |        |
|--------------------------------------------------|--------|--------------------|---------------------------------|--------|--------|--------|--------|
| Flow Rate (ml/min)                               | 150    | 150                | 150                             | 150    | 150    | 150    | 150    |
| Time (Military)                                  | 1015   | 1020               | 1025                            | 1030   | 1035   | 1040   | 1050   |
| Depth to Groundwater<br>Below Top of Casing (ft) | 6.34   | 8.14               | 8.71                            | 8.95   | 9.38   | 9.90   | 10.18  |
| Drawdown (ft)                                    |        |                    |                                 |        |        |        |        |
| pH (S.U.)                                        | 7.34   | 7.33               | 7.35                            | 7.30   | 7.35   | 7.33   | 7.38   |
| Sp. Cond. (mS/cm)                                | 1.719  | 1.727              | 1.729                           | 1.731  | 1.732  | 1.733  | 1.732  |
| Turbidity (NTUs)                                 | 50.6   | 37.5               | 37.0                            | 35.8   | 37.2   | 39.5   | 40.2   |
| Dissolved Oxygen (mg/L)                          | 1.31   | 1.13               | 0.94                            | 0.79   | 0.68   | 0.62   | 0.61   |
| Water Temperature (°C)                           | 13.45  | 13.53              | 13.54                           | 13.52  | 13.50  | 13.42  | 13.35  |
| ORP (mV)                                         | -166.8 | -167.3             | -169.3                          | -172.2 | -174.3 | -171.6 | -179.7 |
| Physical appearance at start                     | Color  | Cloudy             | Physical appearance at sampling | Color  | Cloudy |        |        |
|                                                  | Odor   | None               |                                 | Odor   | None   |        |        |
| Sheen/Free Product                               | None   | Sheen/Free Product | None                            |        |        |        |        |

COMMENTS/OBSERVATIONS sample time: 1100

|                  |                                                   |                                      |           |          |
|------------------|---------------------------------------------------|--------------------------------------|-----------|----------|
| Date (mo/day/yr) | 10/4/2023                                         | Casing Diameter                      | 2         | inches   |
| Field Personnel  | C Finn                                            | Casing Material                      | PVC       |          |
| Site Name        | <b>Former Scott Aviation Site - Lancaster, NY</b> | Measuring Point Elevation            | 689.19    | 1/100 ft |
| AECOM Job #      | <b>60676146</b>                                   | Height of Riser (above land surface) | -0.3      | 1/100 ft |
| Well ID #        | MW-40D                                            | Land Surface Elevation               | 689.5     | 1/100 ft |
|                  | Upgradient                      Downgradient      | Screened Interval (below land surfac | 17.8-22.8 | 1/100 ft |

### Weather Conditions

Air Temperature

|                                       |      |          |
|---------------------------------------|------|----------|
| Total Depth (TWD) Below Top of Casing | 22.5 | 1/100 ft |
|---------------------------------------|------|----------|

Depth to Groundwater (DGW) Below Top of Casing = 4.68 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 17.82 1/100 ft

$$1 \text{ Casing Volume (OCV)} = \text{LWC} \times 0.163 = 2.90 \text{ gal}$$
3 Casing Volumes = 8.71 gal

|                           |                  |
|---------------------------|------------------|
| Method of Well Evacuation | Peristaltic Pump |
|---------------------------|------------------|

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|                              |                              |
|------------------------------|------------------------------|
| Method of Sample Collection: | Peristaltic Pump/Poly Tubing |
|------------------------------|------------------------------|

|                               |     |
|-------------------------------|-----|
| Total Volume of Water Removed | gal |
|-------------------------------|-----|

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MS |
|-----------------|-------------------|-----------|--------------------------------------|-------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |             |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |             |
| Various         | MNA Analyses      | 12        | Varies                               |             |
|                 |                   |           |                                      |             |
|                 |                   |           |                                      |             |
|                 |                   |           |                                      |             |
|                 |                   |           |                                      |             |
|                 |                   |           |                                      |             |

## FIELD ANALYSES

|                                                  |       |        |        |        |        |        |        |        |
|--------------------------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| Flow Rate (ml/min)                               | 150   | 150    | 125    | 125    | 125    | 125    | 125    | 125    |
| Time (Military)                                  | 1005  | 1010   | 1015   | 1020   | 1025   | 1030   | 1035   | 0:00   |
| Depth to Groundwater<br>Below Top of Casing (ft) | 6.51  | 7.03   | 7.57   | 8.95   | 9.77   | 10.50  | 11.15  | 11.85  |
| Drawdown (ft)                                    |       |        |        |        |        |        |        |        |
| pH (S.U.)                                        | 7.25  | 7.34   | 7.51   | 7.71   | 7.75   | 7.70   | 7.80   | 7.89   |
| Sp. Cond. (mS/cm)                                | 1.569 | 1.566  | 1.553  | 1.542  | 1.549  | 1.547  | 1.529  | 1.524  |
| Turbidity (NTUs)                                 | 129   | 124    | 101    | 107    | 121    | 230    | 283    | 183    |
| Dissolved Oxygen (mg/L)                          | 2.40  | 1.84   | 1.25   | 0.89   | 0.79   | 0.69   | 0.62   | 0.55   |
| Water Temperature (°C)                           | 14.80 | 14.98  | 15.13  | 15.46  | 15.54  | 15.59  | 15.1   | 15.86  |
| ORP (mV)                                         | -93.0 | -118.0 | -156.4 | -187.1 | -200.3 | -196.1 | -211.6 | -222.5 |

| Physical appearance at start | Color | Cloudy |
|------------------------------|-------|--------|
|------------------------------|-------|--------|

|      |      |
|------|------|
| Odor | None |
|------|------|

|                    |      |
|--------------------|------|
| Sheen/Free Product | None |
|--------------------|------|

Physical appearance at sampling CloudyNone

|                    |      |
|--------------------|------|
| Sheen/Free Product | None |
|--------------------|------|

|                       |                   |
|-----------------------|-------------------|
| COMMENTS/OBSERVATIONS | purge start: 1000 |
|                       | sample time: 1055 |



Date (mo/day/yr) 10/4/2024  
Field Personnel Chris Finn  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # MW-42S  
           Upgradient            Downgradient  
Weather Conditions Sun  
Air Temperature 60 F  
Total Depth (TWD) Below Top of Casing 14.3 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing = 1.4 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 12.9 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.163 = 2.10 gal  
3 Casing Volumes = 6.31 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed                                  gal

Casing Diameter 2 inches  
Casing Material PVC  
Measuring Point Elevation 689.08 1/100 ft  
Height of Riser (above land surface) -0.58 1/100 ft  
Land Surface Elevation 689.66 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| Various         | MNAs              | 12        | Various                              |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
| 1 L Plastic     | Gene-Trac         | 1         | none                                 |              |
| VOA 40 mL glass | VFA               | 2         | none                                 |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 100   | 100   | 100   | 100   | 100   | 100   |       |
| Time (Military)                                  | 1210  | 1215  | 1220  | 1225  | 1230  | 1235  | 1240  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 2.52  | 3.41  | 4.00  | 4.75  | 5.35  | 5.86  | 6.41  |
| Drawdown (ft)                                    |       |       |       |       |       |       |       |
| pH (S.U.)                                        | 6.41  | 6.38  | 6.32  | 6.26  | 6.22  | 6.20  | 6.22  |
| Sp. Cond. (mS/cm)                                | 1.794 | 1.822 | 1.793 | 1.746 | 1.705 | 1.690 | 1.721 |
| Turbidity (NTUs)                                 | 60.8  | 34.8  | 28.9  | 21.1  | 23.2  | 19.3  | 19.4  |
| Dissolved Oxygen (mg/L)                          | 1.44  | 0.88  | 0.66  | 0.51  | 0.40  | 0.36  | 0.33  |
| Water Temperature (°C)                           | 18.90 | 19.59 | 19.69 | 19.69 | 19.69 | 19.56 | 19.49 |
| ORP (mV)                                         | -75.9 | -79.8 | -83.0 | -79.1 | -76.4 | -75.2 | -76.5 |

Physical appearance at start Color Slightly Cloudy  
Odor Yes

Physical appearance at sampling Color Clear  
Odor Yes

Sheen/Free Product Yes

Sheen/Free Product None

COMMENTS/OBSERVATIONS purge start: 1205

sample time: 1245

Date (mo/day/yr)10/9/2024

Field PersonnelAnn Marie Kropovitch

Site NameFormer Scott Aviation Site - Lancaster, NY

AECOM Job #60676146

Well ID #MW-43S

Upgradient

Downgradient

Weather Conditionscloudy, windy

Air Temperature57 F

Total Depth (TWD) Below Top of Casing14.51/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 2.491/100 ft

Length of Water Column (LWC) = TWD - DGW = 12.011/100 ft

1 Casing Volume (OCV) = LWC x 0.163 0 1.96 gal

3 Casing Volumes = 5.87 gal

Method of Well EvacuationPeristaltic Pump

Method of Sample CollectionPeristaltic Pump/Poly Tubing

Total Volume of Water Remove gal

Casing Diameter2inches

Casing MaterialPVC

Measuring Point Elevation689.141/100 ft

Height of Riser (above land surface)-0.461/100 ft

Land Surface Elevation689.61/100 ft

Screened Interval (below land surfac5-151/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

FIELD ANALYSES

|                                               |       |        |                                 |        |        |        |        |
|-----------------------------------------------|-------|--------|---------------------------------|--------|--------|--------|--------|
| Flow Rate (ml/min)                            | 150   | 150    | 150                             | 150    | 150    | 150    | 150    |
| Time (Military)                               | 1215  | 1220   | 1225                            | 1230   | 1235   | 1240   | 1250   |
| Depth to Groundwater Below Top of Casing (ft) | 2.49  | 4.32   | 4.92                            | 4.96   | 5.45   | 5.80   | 6.72   |
| Drawdown (ft)                                 |       |        |                                 |        |        |        |        |
| pH (S.U.)                                     | 7.55  | 7.21   | 7.17                            | 7.12   | 7.08   | 7.07   | 6.92   |
| Sp. Cond. (mS/cm)                             | 1.379 | 1.404  | 1.120                           | 1.422  | 1.325  | 1.083  | 1.245  |
| Turbidity (NTUs)                              | 84.3  | 16.6   | 0.14                            | 0.06   | 0.06   | 0.06   | 0      |
| Dissolved Oxygen (mg/L)                       | 6.92  | 1.52   | 1.05                            | 0.80   | 0.56   | 0.55   | 0.49   |
| Water Temperature (°C)                        | 19.23 | 19.58  | 19.81                           | 20.08  | 20.41  | 20.41  | 20.26  |
| ORP (mV)                                      | -62.6 | -103.1 | -111.8                          | -127.1 | -136.7 | -135.1 | -130.9 |
| 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 sample time: 1305

Date (mo/day/yr) 10/4/2024  
Field Personnel C Finn  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # MW-44S  
           Upgradient            Downgradient  
Weather Conditions sun  
Air Temperature 60 F  
Total Depth (TWD) Below Top of Casing 15 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing = 3.55 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 11.45 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.163 = 1.87 gal  
3 Casing Volumes = 5.60 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed                                  gal

Casing Diameter 2 inches  
Casing Material PVC  
Measuring Point Elevation                                  1/100 ft  
Height of Riser (above land surface) 0.00 1/100 ft  
Land Surface Elevation                                  1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |        |        |        |       |       |       |  |  |
|--------------------------------------------------|--------|--------|--------|-------|-------|-------|--|--|
| Flow Rate (ml/min)                               | 150    | 150    | 150    | 150   | 150   | 150   |  |  |
| Time (Military)                                  | 1455   | 1500   | 1505   | 1510  | 1515  | 1520  |  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 5.61   | 5.73   | 5.91   | 6.14  | 6.59  | 6.62  |  |  |
| Drawdown (ft)                                    |        |        |        |       |       |       |  |  |
| pH (S.U.)                                        | 7.55   | 7.54   | 7.49   | 7.45  | 7.44  | 7.45  |  |  |
| Sp. Cond. (mS/cm)                                | 1.148  | 1.145  | 1.141  | 1.133 | 1.131 | 1.130 |  |  |
| Turbidity (NTUs)                                 | 15.1   | 14.2   | 14.5   | 8.81  | 4.95  | 8.57  |  |  |
| Dissolved Oxygen (mg/L)                          | 0.91   | 0.81   | 0.74   | 0.68  | 1.12  | 1.20  |  |  |
| Water Temperature (°C)                           | 15.18  | 15.35  | 15.51  | 15.86 | 15.87 | 15.87 |  |  |
| ORP (mV)                                         | -127.0 | -130.2 | -111.1 | -93.5 | -89.0 | -95.3 |  |  |

Physical appearance at start Color Cloudy  
Odor None

Physical appearance at sampling Color Clear  
Odor None

Sheen/Free Product None

Sheen/Free Product None

COMMENTS/OBSERVATIONS purge start: 1450

sample time: 1520

Date (mo/day/yr) 4/9/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP02-S  
                     Upgradient                      Downgradient  
Weather Conditions Sunny  
Air Temperature 28 °F  
Total Depth (TWD) Below Top of Casing 15 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing = 3.28 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 11.72 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.48 gal  
3 Casing Volumes = 1.43 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed 1.0 gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation 689.82 1/100 ft  
Height of Riser (above land surface) 2.52 1/100 ft  
Land Surface Elevation 687.3 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 150   | 150   | 150   | 150   | 150   | 150   |       |
| Time (Military)                                  | 0925  | 0930  | 0935  | 0940  | 0945  | 0950  | 0955  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 5.42  | 7.32  | 8.41  | 9.98  | 11.11 | 12.23 | 13.25 |
| Drawdown (ft)                                    | -2.14 | -1.90 | -1.09 | -1.57 | -1.13 | -1.12 | -1.02 |
| pH (S.U.)                                        | 7.52  | 7.30  | 7.25  | 7.32  | 7.28  | 7.26  | 7.25  |
| Sp. Cond. (mS/cm)                                | 0.974 | 0.969 | 0.946 | 0.937 | 0.953 | 0.977 | 0.978 |
| Turbidity (NTUs)                                 | 132   | 164   | 117   | 160   | 225   | 223   | 224   |
| Dissolved Oxygen (mg/L)                          | 2.86  | 1.32  | 1.08  | 1.01  | 1.61  | 1.65  | 1.62  |
| Water Temperature (°C)                           | 8.3   | 8.3   | 8.3   | 8.3   | 8.3   | 8.4   | 8.4   |
| ORP (mV)                                         | 11.2  | -32.0 | -47.7 | -57.3 | -59.3 | -55.9 | -53.1 |

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

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

COMMENTS/OBSERVATIONS Start purge at 0921.

Sampled at 0955.

|                                                           |        |                                           |       |                                 |  |          |       |
|-----------------------------------------------------------|--------|-------------------------------------------|-------|---------------------------------|--|----------|-------|
| Date (mo/day/yr)4/4/2025                                  |        | Casing Diameter1                          |       | 1                               |  | inches   |       |
| Field PersonnelC. Horrocks                                |        | Casing MaterialPVC                        |       |                                 |  |          |       |
| Site NameFormer Scott Aviation Site - Lancaster, NY       |        | Measuring Point Elevation687.71           |       |                                 |  | 1/100 ft |       |
| AECOM Job #60676146                                       |        | Height of Riser (above land surface)-0.09 |       |                                 |  | 1/100 ft |       |
| Well ID #A1-GP06-S                                        |        | Land Surface Elevation687.8               |       |                                 |  | 1/100 ft |       |
| UpgradientDowngradient                                    |        | Screened Interval (below land surfac5-15  |       |                                 |  | 1/100 ft |       |
| Weather ConditionsSunny                                   |        |                                           |       |                                 |  |          |       |
| Air Temperature46°F                                       |        |                                           |       |                                 |  |          |       |
| Total Depth (TWD) Below Top of Casing15.0                 |        | 1/100 ft                                  |       |                                 |  |          |       |
| Depth to Groundwater (DGW) Below Top of Casing =0.76      |        | 1/100 ft                                  |       |                                 |  |          |       |
| Length of Water Column (LWC) = TWD - DGW =14.2            |        | 1/100 ft                                  |       |                                 |  |          |       |
| 1 Casing Volume (OCV) = LWC x0.0408=0.58                  |        | gal                                       |       |                                 |  |          |       |
| 3 Casing Volumes =1.74                                    |        | gal                                       |       |                                 |  |          |       |
| Method of Well EvacuationPeristaltic Pump                 |        |                                           |       |                                 |  |          |       |
| Method of Sample CollectionPeristaltic Pump/Poly Tubing   |        |                                           |       |                                 |  |          |       |
| Total Volume of Water Remove0.5                           |        | gal                                       |       |                                 |  |          |       |
|                                                           |        |                                           |       |                                 |  |          |       |
| FIELD ANALYSES                                            |        |                                           |       |                                 |  |          |       |
| Flow Rate (ml/min)                                        | 150    | 150                                       | 150   |                                 |  |          |       |
| Time (Military)                                           | 1250   | 1255                                      | 1300  |                                 |  |          |       |
| Depth to Groundwater Below Top of Casing (ft)             | 4.87   | 9.28                                      | 12.27 |                                 |  |          |       |
| Drawdown (ft)                                             | -4.11  | -4.41                                     | -2.99 |                                 |  |          |       |
| pH (S.U.)                                                 | 8.25   | 7.80                                      | 7.85  |                                 |  |          |       |
| Sp. Cond. (mS/cm)                                         | 1.026  | 0.996                                     | 0.915 |                                 |  |          |       |
| Turbidity (NTUs)                                          | 36.7   | 35.5                                      | 20.4  |                                 |  |          |       |
| Dissolved Oxygen (mg/L)                                   | 2.42   | 1.33                                      | 1.10  |                                 |  |          |       |
| Water Temperature (°C)                                    | 9.5    | 9.8                                       | 10.1  |                                 |  |          |       |
| ORP (mV)                                                  | -228.4 | -93.0                                     | -98.7 |                                 |  |          |       |
| Physical appearance at start                              |        | Color                                     | Clear | Physical appearance at sampling |  | Color    | Clear |
|                                                           |        | Odor                                      | None  |                                 |  | Odor     | None  |
| Sheen/Free Product                                        |        | None                                      |       | Sheen/Free Product              |  |          |       |
| COMMENTS/OBSERVATIONS Started purge at 1247, dry at 1302. |        |                                           |       |                                 |  |          |       |
| Sampled VOC/TOC at 1405, MNA on 4/7/25 at 0900.           |        |                                           |       |                                 |  |          |       |

Date (mo/day/yr) 4/7/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP09-S  
                     Upgradient                      Downgradient  
Weather Conditions Partly Cloudy  
Air Temperature 40 °F  
Total Depth (TWD) Below Top of Casing 17.3 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing = 2.36 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 14.94 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.61 gal  
3 Casing Volumes = 1.83 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Remove 0.75 gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation                      1/100 ft  
Height of Riser (above land surface)                      1/100 ft  
Land Surface Elevation                      1/100 ft  
Screened Interval (below land surfac 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 150   | 150   | 150   | 150   | 150   | 150   |       |
| Time (Military)                                  | 1155  | 1200  | 1205  | 1210  | 1215  | 1220  | 1225  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 4.30  | 7.87  | 8.89  | 10.00 | 11.03 | 11.62 | 12.13 |
| Drawdown (ft)                                    | -1.94 | -3.57 | -1.02 | -1.11 | -1.03 | -0.59 | -0.51 |
| pH (S.U.)                                        | 7.55  | 7.24  | 7.19  | 7.06  | 7.02  | 7.04  | 7.05  |
| Sp. Cond. (mS/cm)                                | 1.058 | 0.999 | 0.995 | 0.951 | 0.962 | 0.960 | 0.959 |
| Turbidity (NTUs)                                 | 287   | 478   | 122   | 113   | 43.3  | 41.1  | 43.2  |
| Dissolved Oxygen (mg/L)                          | 5.22  | 1.28  | 1.01  | 1.59  | 3.39  | 3.26  | 3.31  |
| Water Temperature (°C)                           | 8.4   | 7.7   | 7.6   | 7.6   | 7.7   | 7.7   | 7.7   |
| ORP (mV)                                         | -22.2 | -61.0 | -72.4 | -67.6 | -60.6 | -52.6 | -50.3 |

Physical appearance at start Color CloudyOdor NoneSheen/Free Product NonePhysical appearance at sampling Color ClearOdor NoneSheen/Free Product NoneCOMMENTS/OBSERVATIONS Start purge at 1152Sampled at 1225.

Date (mo/day/yr) 4/4/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP10-S  
           Upgradient            Downgradient  
Weather Conditions Sunny  
Air Temperature 44 °F  
Total Depth (TWD) Below Top of Casing : 15 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing = 1.27 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 13.73 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.56 gal  
3 Casing Volumes = 1.68 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed 0.5 gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation 689.10 1/100 ft  
Height of Riser (above land surface) -0.10 1/100 ft  
Land Surface Elevation 689.2 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
| Various         | MNA Analyses      | 12        | Varies                               |              |
| VOA 40 mL glass | VFA               | 2         | none                                 |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |  |  |  |
|--------------------------------------------------|-------|-------|-------|-------|--|--|--|
| Flow Rate (ml/min)                               | 150   | 150   | 150   | 150   |  |  |  |
| Time (Military)                                  | 1105  | 1110  | 1115  | 1120  |  |  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 3.58  | 6.58  | 10.63 | 14.62 |  |  |  |
| Drawdown (ft)                                    | -3.58 | -3.00 | -4.05 | -3.99 |  |  |  |
| pH (S.U.)                                        | 7.55  | 7.32  | 7.25  | 7.25  |  |  |  |
| Sp. Cond. (mS/cm)                                | 2.047 | 2.033 | 1.792 | 1.689 |  |  |  |
| Turbidity (NTUs)                                 | 39.8  | 61.6  | 44.9  | 44.1  |  |  |  |
| Dissolved Oxygen (mg/L)                          | 6.27  | 2.04  | 1.26  | 1.30  |  |  |  |
| Water Temperature (°C)                           | 9.8   | 9.5   | 9.6   | 9.9   |  |  |  |
| ORP (mV)                                         | -2.0  | -22.2 | -26.4 | -27.4 |  |  |  |

Physical appearance at start Color ClearOdor NoneSheen/Free Product NonePhysical appearance at sampling Color ClearOdor NoneSheen/Free Product NoneCOMMENTS/OBSERVATIONS Started purge at 1102, dry at 1121.Sampled VFA at 1225, VOC at 1415, TOC/MNA on 4/7/25 at 0835.

Date (mo/day/yr) 4/8/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP14-S  
           Upgradient            Downgradient  
Weather Conditions Snow  
Air Temperature 23 °F  
Total Depth (TWD) Below Top of Casing 15 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing : 2.04 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 12.96 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.53 gal  
3 Casing Volumes = 1.59 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed 1.0 gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation 687.69 1/100 ft  
Height of Riser (above land surface) -1.74 1/100 ft  
Land Surface Elevation 689.4 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |  |  |
|--------------------------------------------------|-------|-------|-------|-------|-------|--|--|
| Flow Rate (ml/min)                               | 150   | 150   | 150   | 150   | 150   |  |  |
| Time (Military)                                  | 0950  | 0955  | 1000  | 1005  | 1010  |  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 3.30  | 4.12  | 4.75  | 8.42  | 11.37 |  |  |
| Drawdown (ft)                                    | -1.26 | -0.82 | -0.63 | -3.67 | -2.95 |  |  |
| pH (S.U.)                                        | 7.37  | 7.32  | 7.25  | 7.22  | 7.17  |  |  |
| Sp. Cond. (mS/cm)                                | 1.377 | 1.007 | 0.876 | 0.853 | 1.102 |  |  |
| Turbidity (NTUs)                                 | 303   | 381   | 212   | 464   | 392   |  |  |
| Dissolved Oxygen (mg/L)                          | 1.31  | 0.93  | 0.90  | 1.17  | 1.44  |  |  |
| Water Temperature (°C)                           | 8.0   | 8.6   | 8.6   | 8.8   | 9.3   |  |  |
| ORP (mV)                                         | 70.5  | -22.9 | -34.2 | -34.0 | -35.5 |  |  |

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

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

COMMENTS/OBSERVATIONS Start purge at 0946, WL meter reading side of tubing at 0955/1000.

Dry at 1012, sampled at 1315.



Date (mo/day/yr) 4/9/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP15-S  
           Upgradient            Downgradient  
Weather Conditions Sunny  
Air Temperature 25 °F  
Total Depth (TWD) Below Top of Casing 14.82 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing : 0.00 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 14.82 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.60 gal  
3 Casing Volumes = 1.81 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed 0.5 gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation 687.69 1/100 ft  
Height of Riser (above land surface) -0.31 1/100 ft  
Land Surface Elevation 688.0 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |  |  |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|--|--|
| Flow Rate (ml/min)                               | 150   | 150   | 150   | 150   | 150   | 150   |  |  |
| Time (Military)                                  | 0845  | 0850  | 0855  | 0900  | 0905  | 0910  |  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 3.87  | 5.98  | 9.00  | 11.12 | 12.90 | 14.13 |  |  |
| Drawdown (ft)                                    | -3.87 | -2.11 | -3.02 | -2.12 | -1.78 | -1.23 |  |  |
| pH (S.U.)                                        | 7.91  | 7.53  | 7.42  | 7.54  | 7.53  | 7.52  |  |  |
| Sp. Cond. (mS/cm)                                | 0.406 | 0.339 | 0.427 | 0.455 | 0.474 | 0.48  |  |  |
| Turbidity (NTUs)                                 | 485   | 459   | 206   | 182   | 247   | 280   |  |  |
| Dissolved Oxygen (mg/L)                          | 3.68  | 1.90  | 1.65  | 1.41  | 1.23  | 1.20  |  |  |
| Water Temperature (°C)                           | 8.0   | 7.4   | 7.4   | 7.3   | 7.4   | 7.4   |  |  |
| ORP (mV)                                         | 20.6  | 20.0  | 25.9  | 25.7  | 24.0  | 23.7  |  |  |

Physical appearance at start Color Cloudy  
Odor None

Physical appearance at sampling Color Cloudy  
Odor None

Sheen/Free Product None

Sheen/Free Product None

COMMENTS/OBSERVATIONS Start purge at 0842, dry at 0912

Sampled at 1110

Date (mo/day/yr) 4/9/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # A1-GP16-S  
                     Upgradient                      Downgradient  
Weather Conditions Sunny  
Air Temperature 31 °F  
Total Depth (TWD) Below Top of Casing 17.52 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing : 2.81 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 14.71 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.0408 = 0.60 gal  
3 Casing Volumes = 1.80 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed 1.5 gal

Casing Diameter 1 inches  
Casing Material PVC  
Measuring Point Elevation 687.69 1/100 ft  
Height of Riser (above land surface) -0.31 1/100 ft  
Land Surface Elevation 688.0 1/100 ft  
Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 150   | 150   | 150   | 150   | 150   | 150   | 150   |
| Time (Military)                                  | 1015  | 1020  | 1025  | 1030  | 1035  | 1040  | 1050  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 5.80  | 5.92  | 6.07  | 6.20  | 6.23  | 6.25  | 6.27  |
| Drawdown (ft)                                    | -2.99 | -0.12 | -0.15 | -0.13 | -0.03 | -0.02 | -0.01 |
| pH (S.U.)                                        | 7.39  | 7.35  | 7.30  | 7.29  | 7.24  | 7.24  | 7.19  |
| Sp. Cond. (mS/cm)                                | 1.077 | 1.059 | 1.062 | 1.059 | 1.056 | 1.048 | 1.052 |
| Turbidity (NTUs)                                 | 180   | 179   | 78.3  | 72.2  | 69.0  | 49.3  | 48.3  |
| Dissolved Oxygen (mg/L)                          | 5.92  | 2.66  | 1.37  | 1.04  | 0.88  | 0.83  | 0.76  |
| Water Temperature (°C)                           | 7.2   | 6.3   | 6.3   | 6.2   | 6.6   | 6.7   | 6.9   |
| ORP (mV)                                         | -9.0  | -11.9 | -13.8 | -16.5 | -20.0 | -22.0 | -24.6 |

Physical appearance at start Color CloudyOdor NoneSheen/Free Product NonePhysical appearance at sampling Color ClearOdor NoneSheen/Free Product None

COMMENTS/OBSERVATIONS Start purge at 1011  
Sample at 1050

|                                                |                                            |              |                                        |        |  |          |
|------------------------------------------------|--------------------------------------------|--------------|----------------------------------------|--------|--|----------|
| Date (mo/day/yr)                               | 4/7/2025                                   |              | Casing Diameter                        | 0.75   |  | inches   |
| Field Personnel                                | C. Horrocks                                |              | Casing Material                        | PVC    |  |          |
| Site Name                                      | Former Scott Aviation Site - Lancaster, NY |              | Measuring Point Elevation              | 690.37 |  | 1/100 ft |
| AECOM Job #                                    | 60676146                                   |              | Height of Riser (above land surface)   | 2.87   |  | 1/100 ft |
| Well ID #                                      | A1GP-18-S                                  |              | Land Surface Elevation                 | 687.5  |  | 1/100 ft |
|                                                | Upgradient                                 | Downgradient | Screened Interval (below land surface) | 5-15   |  | 1/100 ft |
| Weather Conditions                             | Partly Cloudy                              |              |                                        |        |  |          |
| Air Temperature                                | 37                                         |              | °F                                     |        |  |          |
| Total Depth (TWD) Below Top of Casing          | 18                                         |              | 1/100 ft                               |        |  |          |
| Depth to Groundwater (DGW) Below Top of Casing | 2.93                                       |              | 1/100 ft                               |        |  |          |
| Length of Water Column (LWC) = TWD - DGW       | 15.07                                      |              | 1/100 ft                               |        |  |          |
| 1 Casing Volume (OCV) = LWC x                  | 0.0408                                     |              | =                                      | 0.61   |  | gal      |
| 3 Casing Volumes =                             | 1.84                                       |              | gal                                    |        |  |          |
| Method of Well Evacuation                      | Peristaltic Pump                           |              |                                        |        |  |          |
| Method of Sample Collection                    | Peristaltic Pump/Poly Tubing               |              |                                        |        |  |          |
| Total Volume of Water Removed                  | 1.5                                        |              | gal                                    |        |  |          |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
| Various         | MNA Analyses      | 12        | Varies                               |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

FIELD ANALYSES

|                                               | 150   | 150   | 150   | 150   | 150   | 150   | 150   |  |
|-----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--|
| Flow Rate (ml/min)                            | 150   | 150   | 150   | 150   | 150   | 150   | 150   |  |
| Time (Military)                               | 0930  | 0935  | 0940  | 0945  | 0950  | 0955  | 1000  |  |
| Depth to Groundwater Below Top of Casing (ft) | 5.27  | 7.12  | 7.12  | 7.12  | 7.12  | 7.12  | 7.12  |  |
| Drawdown (ft)                                 | -2.34 | -1.85 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |  |
| pH (S.U.)                                     | 7.83  | 7.53  | 7.49  | 7.51  | 7.88  | 7.82  | 7.83  |  |
| Sp. Cond. (mS/cm)                             | 0.730 | 0.672 | 0.579 | 0.570 | 0.568 | 0.543 | 0.543 |  |
| Turbidity (NTUs)                              | 750   | 700   | 640   | 600   | 450   | 480   | 460   |  |
| Dissolved Oxygen (mg/L)                       | 4.28  | 1.69  | 1.28  | 1.14  | 1.06  | 0.99  | 0.98  |  |
| Water Temperature (°C)                        | 7.6   | 7.6   | 8.1   | 8.2   | 8.3   | 8.3   | 8.4   |  |
| ORP (mV)                                      | -41.8 | -72.4 | -83.9 | -88.4 | -87.3 | -83.9 | -81.8 |  |

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

COMMENTS/OBSERVATIONS

Start purge at 0927

Sampled at 1000

|                                                  |                                            |                                      |       |          |
|--------------------------------------------------|--------------------------------------------|--------------------------------------|-------|----------|
| Date (mo/day/yr)                                 | 4/8/2025                                   | Casing Diameter                      | 2     | inches   |
| Field Personnel                                  | C. Horrocks                                | Casing Material                      | PVC   |          |
| Site Name                                        | Former Scott Aviation Site - Lancaster, NY | Measuring Point Elevation            |       | 1/100 ft |
| AECOM Job #                                      | 60676146                                   | Height of Riser (above land surface) | 0.00  | 1/100 ft |
| Well ID #                                        | MW-30                                      | Land Surface Elevation               |       | 1/100 ft |
|                                                  | Upgradient Downgradient                    | Screened Interval (below land surfac | 10-20 | 1/100 ft |
| Weather Conditions                               | Cloudy                                     |                                      |       |          |
| Air Temperature                                  | 25 °F                                      |                                      |       |          |
| Total Depth (TWD) Below Top of Casing            | 20                                         |                                      |       | 1/100 ft |
| Depth to Groundwater (DGW) Below Top of Casing = | 2.99                                       |                                      |       | 1/100 ft |
| Length of Water Column (LWC) = TWD - DGW =       | 17.01                                      |                                      |       | 1/100 ft |
| 1 Casing Volume (OCV) = LWC x 0.163 =            | 2.77                                       |                                      |       | gal      |
| 3 Casing Volumes =                               | 8.32                                       |                                      |       | gal      |
| Method of Well Evacuation                        | Peristaltic Pump                           |                                      |       |          |
| Method of Sample Collection                      | Peristaltic Pump/Poly Tubing               |                                      |       |          |
| Total Volume of Water Remove                     | 2.0                                        |                                      |       | gal      |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
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FIELD ANALYSES

|                                               |       |       |       |       |       |        |  |  |
|-----------------------------------------------|-------|-------|-------|-------|-------|--------|--|--|
| Flow Rate (ml/min)                            | 200   | 200   | 200   | 200   | 200   | 200    |  |  |
| Time (Military)                               | 1220  | 1225  | 1230  | 1235  | 1240  | 1245   |  |  |
| Depth to Groundwater Below Top of Casing (ft) | 4.48  | 5.71  | 7.18  | 8.16  | 9.23  | 9.52   |  |  |
| Drawdown (ft)                                 | -1.49 | -1.23 | -1.47 | -0.98 | -1.07 | -0.29  |  |  |
| pH (S.U.)                                     | 7.48  | 7.51  | 7.58  | 7.62  | 7.58  | 7.60   |  |  |
| Sp. Cond. (mS/cm)                             | 0.496 | 0.496 | 0.499 | 0.502 | 0.503 | 0.501  |  |  |
| Turbidity (NTUs)                              | 2.12  | 0.56  | 1.93  | 1.37  | 1.27  | 1.26   |  |  |
| Dissolved Oxygen (mg/L)                       | 1.04  | 0.83  | 0.74  | 0.71  | 0.70  | 0.72   |  |  |
| Water Temperature (°C)                        | 11.6  | 11.5  | 11.4  | 11.4  | 11.6  | 11.7   |  |  |
| ORP (mV)                                      | -48.9 | -71.1 | -84.9 | -91.5 | -96.8 | -100.1 |  |  |

|                              |             |              |                                 |             |              |
|------------------------------|-------------|--------------|---------------------------------|-------------|--------------|
| 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 Start purge at 1216

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Sampled at 1245

Date (mo/day/yr) 4/8/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # MW-35S

           Upgradient            Downgradient  
Weather Conditions Snow

Air Temperature 23 °F

Total Depth (TWD) Below Top of Casing 14.01 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing : 0.72 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 13.29 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 2.17 gal

3 Casing Volumes = 6.50 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.0 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 688.56 1/100 ft

Height of Riser (above land surface) -0.54 1/100 ft

Land Surface Elevation 689.1 1/100 ft

Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             | Dup          |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C | --           |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
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|                 |                   |           |                                      |              |
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## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |  |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--|
| Flow Rate (ml/min)                               | 200   | 200   | 200   | 200   | 200   | 200   | 200   |  |
| Time (Military)                                  | 0850  | 0855  | 0900  | 0905  | 0910  | 0915  | 0920  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 1.63  | 2.55  | 2.97  | 3.67  | 4.41  | 4.81  | 5.04  |  |
| Drawdown (ft)                                    | -0.91 | -0.92 | -0.42 | -0.70 | -0.74 | -0.40 | -0.23 |  |
| pH (S.U.)                                        | 7.33  | 7.27  | 7.23  | 7.23  | 7.30  | 7.29  | 7.29  |  |
| Sp. Cond. (mS/cm)                                | 0.556 | 0.558 | 0.557 | 0.556 | 0.556 | 0.555 | 0.554 |  |
| Turbidity (NTUs)                                 | 49.6  | 46.0  | 38.5  | 41.3  | 42.5  | 43.9  | 39.2  |  |
| Dissolved Oxygen (mg/L)                          | 5.89  | 5.63  | 5.61  | 5.56  | 5.56  | 5.62  | 5.62  |  |
| Water Temperature (°C)                           | 7.5   | 7.5   | 7.5   | 7.5   | 7.50  | 7.5   | 7.6   |  |
| ORP (mV)                                         | 57.7  | 62.7  | 64.7  | 68.2  | 71.5  | 73.7  | 76.0  |  |

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Start purge at 0846

Sampled at 0920

Date (mo/day/yr) 4/7/2025  
 Field Personnel C. Horrocks  
 Site Name Former Scott Aviation Site - Lancaster, NY  
 AECOM Job # 60676146  
 Well ID # MW-36S  
           Upgradient            Downgradient  
 Weather Conditions Sunny  
 Air Temperature 43 °F  
 Total Depth (TWD) Below Top of Casing 17.7 1/100 ft  
 Depth to Groundwater (DGW) Below Top of Casing : 2.79 1/100 ft  
 Length of Water Column (LWC) = TWD - DGW = 14.91 1/100 ft  
 1 Casing Volume (OCV) = LWC x 0.163 = 2.43 gal  
 3 Casing Volumes = 7.29 gal  
 Method of Well Evacuation Peristaltic Pump  
 Method of Sample Collection Peristaltic Pump/Poly Tubing  
 Total Volume of Water Removed 2.0 gal

Casing Diameter 2 inches  
 Casing Material PVC  
 Measuring Point Elevation 689.82 1/100 ft  
 Height of Riser (above land surface) 2.72 1/100 ft  
 Land Surface Elevation 687.1 1/100 ft  
 Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
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|                 |                   |           |                                      |              |
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|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                               |       |       |       |       |       |       |       |  |
|-----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--|
| Flow Rate (ml/min)                            | 200   | 200   | 200   | 200   | 200   | 200   | 200   |  |
| Time (Military)                               | 1250  | 1255  | 1300  | 1305  | 1310  | 1315  | 1320  |  |
| Depth to Groundwater Below Top of Casing (ft) | 4.83  | 6.02  | 7.20  | 8.15  | 8.31  | 8.31  | 8.31  |  |
| Drawdown (ft)                                 | -2.04 | -1.19 | -1.18 | -0.95 | -0.16 | 0.00  | 0.00  |  |
| pH (S.U.)                                     | 7.45  | 7.43  | 7.41  | 7.37  | 7.35  | 7.32  | 7.38  |  |
| Sp. Cond. (mS/cm)                             | 1.212 | 1.212 | 1.215 | 1.218 | 1.218 | 1.225 | 1.225 |  |
| Turbidity (NTUs)                              | 177   | 209   | 196   | 146   | 52.1  | 42.3  | 35.4  |  |
| Dissolved Oxygen (mg/L)                       | 1.09  | 0.96  | 0.88  | 0.83  | 0.82  | 0.89  | 0.84  |  |
| Water Temperature (°C)                        | 8.0   | 8.1   | 7.9   | 7.9   | 7.9   | 7.8   | 7.8   |  |
| ORP (mV)                                      | -7.1  | -22.5 | -38.5 | -50.9 | -60.2 | -63.7 | -67.5 |  |

Physical appearance at start Color Cloudy  
 Odor None

Physical appearance at sampling Color Clear  
 Odor None

Sheen/Free Product None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Start purge at 1246

Sampled at 1320

Date (mo/day/yr) 4/7/2025  
Field Personnel C. Horrocks  
Site Name Former Scott Aviation Site - Lancaster, NY  
AECOM Job # 60676146  
Well ID # MW-37D  
                 Upgradient                  Downgradient  
Weather Conditions Cloudy  
Air Temperature 38 °F  
Total Depth (TWD) Below Top of Casing 22.5 1/100 ft  
Depth to Groundwater (DGW) Below Top of Casing : 4.13 1/100 ft  
Length of Water Column (LWC) = TWD - DGW = 18.37 1/100 ft  
1 Casing Volume (OCV) = LWC x 0.163 = 2.99 gal  
3 Casing Volumes = 8.98 gal  
Method of Well Evacuation Peristaltic Pump  
Method of Sample Collection Peristaltic Pump/Poly Tubing  
Total Volume of Water Removed 2.0 gal

Casing Diameter 2 inches  
Casing Material PVC  
Measuring Point Elevation 690.05 1/100 ft  
Height of Riser (above land surface) 2.45 1/100 ft  
Land Surface Elevation 687.6 1/100 ft  
Screened Interval (below land surface) 15-20 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 200   | 200   | 200   | 200   | 200   | 200   | 200   | 200   |
| Time (Military)                                  | 1025  | 1030  | 1035  | 1040  | 1045  | 1050  | 1055  | 1100  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 5.28  | 6.37  | 6.71  | 6.79  | 6.79  | 6.79  | 6.79  | 6.79  |
| Drawdown (ft)                                    | -1.15 | -1.09 | -0.34 | -0.08 | 0.00  | 0.00  | 0.00  | 0.00  |
| pH (S.U.)                                        | 8.90  | 8.93  | 8.93  | 8.64  | 7.82  | 7.74  | 7.76  | 7.74  |
| Sp. Cond. (mS/cm)                                | 0.706 | 0.705 | 0.707 | 0.761 | 0.848 | 0.843 | 0.835 | 0.832 |
| Turbidity (NTUs)                                 | 128   | 64.3  | 54.7  | 36.5  | 37.2  | 34.1  | 35.6  | 37.3  |
| Dissolved Oxygen (mg/L)                          | 1.34  | 1.01  | 0.91  | 0.85  | 0.81  | 0.78  | 0.77  | 0.76  |
| Water Temperature (°C)                           | 8.7   | 8.5   | 8.6   | 8.8   | 9.0   | 9.2   | 9.2   | 9.3   |
| ORP (mV)                                         | -10.5 | -22.7 | -31.5 | -44.4 | -62.1 | -70.4 | -76.8 | -78.9 |

Physical appearance at start Color Slightly CloudyOdor \Sheen/Free Product NonePhysical appearance at sampling Color ClearOdor NoneSheen/Free Product NoneCOMMENTS/OBSERVATIONS Start purge at 1021Sampled at 1100

|                                                                       |                                                            |
|-----------------------------------------------------------------------|------------------------------------------------------------|
| Date (mo/day/yr) <u>4/4/2025</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>689.66</u> 1/100 ft           |
| AECOM Job # <u>60676146</u>                                           | Height of Riser (above land surface) <u>2.72</u> 1/100 ft  |
| Well ID # <u>MW-38D</u>                                               | Land Surface Elevation <u>687.5</u> 1/100 ft               |
| <u>        </u> Upgradient <u>        </u> Downgradient               | Screened Interval (below land surfac <u>16-21</u> 1/100 ft |
| Weather Conditions <u>Sunny</u>                                       |                                                            |
| Air Temperature <u>48</u> °F                                          |                                                            |
| Total Depth (TWD) Below Top of Casing <u>20.9</u> 1/100 ft            |                                                            |
| Depth to Groundwater (DGW) Below Top of Casing = <u>4.33</u> 1/100 ft |                                                            |
| Length of Water Column (LWC) = TWD - DGW = <u>16.57</u> 1/100 ft      |                                                            |
| 1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>2.70</u> gal          |                                                            |
| 3 Casing Volumes = <u>8.10</u> gal                                    |                                                            |
| Method of Well Evacuation <u>Peristaltic Pump</u>                     |                                                            |
| Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>       |                                                            |
| Total Volume of Water Remove <u>2.5</u> gal                           |                                                            |

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
| Various         | MNA Analyses      | 12        | Varies                               |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |                    |       |                                 |       |                    |       |       |
|--------------------------------------------------|--------------------|-------|---------------------------------|-------|--------------------|-------|-------|
| Flow Rate (ml/min)                               | 200                | 200   | 200                             | 200   | 200                | 200   | 200   |
| Time (Military)                                  | 1315               | 1320  | 1325                            | 1330  | 1335               | 1340  | 1345  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 5.51               | 7.28  | 9.50                            | 11.34 | 13.40              | 14.87 | 15.73 |
| Drawdown (ft)                                    | -1.18              | -1.77 | -2.22                           | -1.84 | -2.06              | -1.47 | -0.86 |
| pH (S.U.)                                        | 8.14               | 8.10  | 8.07                            | 8.01  | 8.00               | 8.04  | 8.02  |
| Sp. Cond. (mS/cm)                                | 0.709              | 0.707 | 0.711                           | 0.709 | 0.712              | 0.708 | 0.709 |
| Turbidity (NTUs)                                 | 54.4               | 27.5  | 29.3                            | 20.0  | 17.0               | 15.3  | 15.4  |
| Dissolved Oxygen (mg/L)                          | 1.57               | 0.96  | 0.85                            | 0.82  | 0.78               | 0.79  | 0.79  |
| Water Temperature (°C)                           | 9.9                | 9.6   | 9.6                             | 9.8   | 9.8                | 10.3  | 10.3  |
| ORP (mV)                                         | -33.3              | -43.2 | -52.5                           | -56.5 | -61.4              | -63.1 | -64.4 |
| 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 Start purge at 1311

Sampled at 1345



Date (mo/day/yr) 4/7/2025  
 Field Personnel C. Horrocks  
 Site Name Former Scott Aviation Site - Lancaster, NY  
 AECOM Job # 60676146  
 Well ID # MW-39D  
           Upgradient            Downgradient  
 Weather Conditions Partly Cloudy  
 Air Temperature 40 °F  
 Total Depth (TWD) Below Top of Casing 22.5 1/100 ft  
 Depth to Groundwater (DGW) Below Top of Casing = 3.73 1/100 ft  
 Length of Water Column (LWC) = TWD - DGW = 18.77 1/100 ft  
 1 Casing Volume (OCV) = LWC x 0.163 = 3.06 gal  
 3 Casing Volumes = 9.18 gal  
 Method of Well Evacuation Peristaltic Pump  
 Method of Sample Collection Peristaltic Pump/Poly Tubing  
 Total Volume of Water Removed 2.0 gal

Casing Diameter 2 inches  
 Casing Material PVC  
 Measuring Point Elevation 689.72 1/100 ft  
 Height of Riser (above land surface) 2.57 1/100 ft  
 Land Surface Elevation 687.4 1/100 ft  
 Screened Interval (below land surface) 15-20 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | 4°C                                  |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 200   | 200   | 200   | 200   | 200   | 200   | 200   |
| Time (Military)                                  | 1110  | 1115  | 1120  | 1125  | 1130  | 1135  | 1140  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 3.81  | 5.43  | 6.29  | 7.33  | 8.12  | 8.83  | 8.83  |
| Drawdown (ft)                                    | -0.08 | -1.62 | -0.86 | -1.04 | -0.79 | -0.71 | 0.00  |
| pH (S.U.)                                        | 6.84  | 6.95  | 7.05  | 7.05  | 7.10  | 7.08  | 7.10  |
| Sp. Cond. (mS/cm)                                | 1.624 | 1.557 | 1.545 | 1.525 | 1.486 | 1.445 | 1.400 |
| Turbidity (NTUs)                                 | 705   | 402   | 278   | 267   | 271   | 265   | 267   |
| Dissolved Oxygen (mg/L)                          | 3.92  | 1.10  | 0.86  | 0.77  | 0.75  | 0.72  | 0.72  |
| Water Temperature (°C)                           | 8.4   | 8.7   | 8.7   | 8.8   | 8.8   | 8.9   | 8.9   |
| ORP (mV)                                         | 41.7  | 3.1   | -21.2 | -36.4 | -46.5 | -52.0 | -54.7 |

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

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

COMMENTS/OBSERVATIONS Start purge at 1109

Sampled at 1140

Date (mo/day/yr) 4/4/2025  
 Field Personnel C. Horrocks  
 Site Name Former Scott Aviation Site - Lancaster, NY  
 AECOM Job # 60676146  
 Well ID # MW-40D  
           Upgradient            Downgradient

Weather Conditions Sunny

Air Temperature 44 °F

Total Depth (TWD) Below Top of Casing 22.5 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 3.20 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 19.3 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 3.15 gal

3 Casing Volumes = 9.44 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.0 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 689.19 1/100 ft

Height of Riser (above land surface) -0.3 1/100 ft

Land Surface Elevation 689.5 1/100 ft

Screened Interval (below land surface) 17.8-22.8 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
| Various         | MNA Analyses      | 12        | Varies                               |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                               |       |        |        |        |        |        |        |
|-----------------------------------------------|-------|--------|--------|--------|--------|--------|--------|
| Flow Rate (ml/min)                            | 200   | 200    | 200    | 200    | 200    | 200    |        |
| Time (Military)                               | 1130  | 1135   | 1140   | 1145   | 1150   | 1155   | 1200   |
| Depth to Groundwater Below Top of Casing (ft) | 4.47  | 6.10   | 7.55   | 9.22   | 11.11  | 12.60  | 13.75  |
| Drawdown (ft)                                 | -1.27 | -1.63  | -1.45  | -1.67  | -1.89  | -1.49  | -1.15  |
| pH (S.U.)                                     | 8.45  | 8.47   | 8.45   | 8.53   | 8.59   | 8.67   | 8.62   |
| Sp. Cond. (mS/cm)                             | 1.188 | 1.183  | 1.182  | 1.181  | 1.181  | 1.181  | 1.183  |
| Turbidity (NTUs)                              | 130   | 93.7   | 90.4   | 89.6   | 88.7   | 83.2   | 81.7   |
| Dissolved Oxygen (mg/L)                       | 1.54  | 0.94   | 0.83   | 0.77   | 0.75   | 0.74   | 0.75   |
| Water Temperature (°C)                        | 10.4  | 10.1   | 10.0   | 10.2   | 10.4   | 10.6   | 10.7   |
| ORP (mV)                                      | -69.8 | -130.1 | -148.6 | -160.8 | -168.1 | -163.8 | -158.7 |

Physical appearance at start Color Cloudy

Odor None

Sheen/Free Product None

Physical appearance at sampling Cloudy

None

Sheen/Free Product None

COMMENTS/OBSERVATIONS Start purge at 1126

Sampled at 1200

Date (mo/day/yr) 4/4/2025

Field Personnel C. Horrocks

Site Name Former Scott Aviation Site - Lancaster, NY

AECOM Job # 60676146

Well ID # MW-42S

           Upgradient            Downgradient

Weather Conditions Sunny

Air Temperature 42 °F

Total Depth (TWD) Below Top of Casing 14.3 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 1.50 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 12.8 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 2.09 gal

3 Casing Volumes = 6.26 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.5 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 689.08 1/100 ft

Height of Riser (above land surface) -0.58 1/100 ft

Land Surface Elevation 689.66 1/100 ft

Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| Various         | MNAs              | 12        | Various                              |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
| 1 L Plastic     | Gene-Trac         | 1         | none                                 |              |
| VOA 40 mL glass | VFA               | 2         | none                                 |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 200   | 200   | 200   | 200   | 200   | 200   | 200   |
| Time (Military)                                  | 1000  | 1005  | 1010  | 1015  | 1020  | 1025  | 1030  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 3.16  | 4.31  | 5.89  | 6.91  | 7.36  | 7.87  | 8.38  |
| Drawdown (ft)                                    | -1.66 | -1.15 | -1.58 | -1.02 | -0.45 | -0.51 | -0.43 |
| pH (S.U.)                                        | 6.94  | 6.95  | 6.99  | 7.11  | 7.07  | 7.09  | 7.11  |
| Sp. Cond. (mS/cm)                                | 2.732 | 2.729 | 2.714 | 2.717 | 2.726 | 2.742 | 2.745 |
| Turbidity (NTUs)                                 | 22.0  | 85.0  | 82.3  | 45.9  | 35.0  | 31.4  | 30.3  |
| Dissolved Oxygen (mg/L)                          | 1.47  | 1.03  | 0.89  | 0.86  | 0.83  | 0.8   | 0.8   |
| Water Temperature (°C)                           | 9.4   | 9.3   | 9.2   | 9.2   | 9.3   | 9.4   | 9.5   |
| ORP (mV)                                         | -17.0 | -30.0 | -36.7 | -41.5 | -44.2 | -47.0 | -49.1 |

Physical appearance at start Color Cloudy

Odor Yes

Sheen/Free Product Yes

Physical appearance at sampling Color Clear

Odor Yes

Sheen/Free Product None

COMMENTS/OBSERVATIONS Start purge at 0956

Sampled for all at 1035

Date (mo/day/yr) 4/8/2025

Field Personnel C. Horrocks

Site Name Former Scott Aviation Site - Lancaster, NY

AECOM Job # 60676146

Well ID # MW-43S

☐ Upgradient ☐ Downgradient

Weather Conditions Snow/Wind

Air Temperature 23 °F

Total Depth (TWD) Below Top of Casing 14.5 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 1.87 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 12.63 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 0 2.06 gal

3 Casing Volumes = 6.18 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.0 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 689.14 1/100 ft

Height of Riser (above land surface) -0.46 1/100 ft

Land Surface Elevation 689.6 1/100 ft

Screened Interval (below land surface) 5-15 1/100 ft

| Container       | Analysis (Method) | # Bottles | Preservative                         | Dup - MS/MSD |
|-----------------|-------------------|-----------|--------------------------------------|--------------|
| VOA 40 mL glass | TCL VOCs (8260B)  | 3         | HCL, 4°C                             |              |
| VOA 40 mL glass | TOC               | 2         | H <sub>2</sub> SO <sub>4</sub> , 4°C |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |
|                 |                   |           |                                      |              |

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Flow Rate (ml/min)                               | 200   | 200   | 200   | 200   | 200   | 200   | 200   |
| Time (Military)                                  | 1030  | 1035  | 1040  | 1045  | 1050  | 1055  | 1100  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 2.61  | 3.48  | 4.62  | 5.00  | 5.03  | 5.04  | 5.05  |
| Drawdown (ft)                                    | -0.74 | -0.87 | -1.14 | -0.38 | -0.03 | -0.01 | -0.01 |
| pH (S.U.)                                        | 7.21  | 7.10  | 7.18  | 7.12  | 7.15  | 7.20  | 7.18  |
| Sp. Cond. (mS/cm)                                | 1.063 | 1.088 | 1.083 | 1.081 | 1.053 | 1.045 | 1.046 |
| Turbidity (NTUs)                                 | 22.9  | 10.3  | 12.30 | 19.30 | 13.50 | 14.70 | 15.1  |
| Dissolved Oxygen (mg/L)                          | 2.51  | 0.98  | 0.82  | 0.75  | 0.70  | 0.72  | 0.72  |
| Water Temperature (°C)                           | 9.2   | 9.8   | 9.8   | 9.8   | 9.8   | 9.5   | 9.5   |
| ORP (mV)                                         | -31.0 | -60.9 | -74.6 | -81.4 | -89.6 | 94.4  | -98.2 |

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS Start purge at 1027

Sample at 1100

|                  |                                                   |
|------------------|---------------------------------------------------|
| Date (mo/day/yr) | 4/8/2025                                          |
| Field Personnel  | C. Horrocks                                       |
| Site Name        | <b>Former Scott Aviation Site - Lancaster, NY</b> |
| AECOM Job #      | <b>60676146</b>                                   |
| Well ID #        | MW-44S                                            |
|                  | Upgradient                                        |
|                  | Downgradient                                      |

|                                      |      |          |
|--------------------------------------|------|----------|
| Casing Diameter                      | 2    | inches   |
| Casing Material                      | PVC  |          |
| Measuring Point Elevation            |      | 1/100 ft |
| Height of Riser (above land surface) | 0.00 | 1/100 ft |
| Land Surface Elevation               |      | 1/100 ft |
| Screened Interval (below land surfac | 5-15 | 1/100 ft |

|                                                  |                              |          |
|--------------------------------------------------|------------------------------|----------|
| Weather Conditions                               | Cloudy                       |          |
| Air Temperature                                  | 24                           | °F       |
| Total Depth (TWD) Below Top of Casing            | 15                           | 1/100 ft |
| Depth to Groundwater (DGW) Below Top of Casing = | 0.53                         | 1/100 ft |
| Length of Water Column (LWC) = TWD - DGW =       | 14.47                        | 1/100 ft |
| 1 Casing Volume (OCV) = LWC x 0.163 =            | 2.36                         | gal      |
| 3 Casing Volumes =                               | 7.08                         | gal      |
| Method of Well Evacuation                        | Peristaltic Pump             |          |
| Method of Sample Collection                      | Peristaltic Pump/Poly Tubing |          |
| Total Volume of Water Removed                    | 2.0                          | gal      |

[illegible]

## FIELD ANALYSES

|                                                  |       |       |       |       |       |       |       |  |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--|
| Flow Rate (ml/min)                               | 200   | 200   | 200   | 200   | 200   | 200   | 200   |  |
| Time (Military)                                  | 1120  | 1125  | 1130  | 1135  | 1140  | 1145  | 1150  |  |
| Depth to Groundwater<br>Below Top of Casing (ft) | 1.21  | 3.01  | 4.06  | 5.13  | 5.87  | 6.22  | 6.63  |  |
| Drawdown (ft)                                    | -0.68 | -1.80 | -1.05 | -1.07 | -0.74 | -0.35 | -0.41 |  |
| pH (S.U.)                                        | 7.52  | 7.45  | 7.31  | 7.42  | 7.44  | 7.43  | 7.43  |  |
| Sp. Cond. (mS/cm)                                | 0.987 | 0.990 | 0.990 | 0.990 | 0.990 | 0.990 | 0.990 |  |
| Turbidity (NTUs)                                 | 128   | 64.1  | 61.1  | 44.2  | 42.9  | 45.2  | 43.9  |  |
| Dissolved Oxygen (mg/L)                          | 1.75  | 0.95  | 0.91  | 0.91  | 0.97  | 0.98  | 0.95  |  |
| Water Temperature (°C)                           | 7.7   | 7.5   | 7.4   | 7.4   | 7.4   | 7.4   | 7.3   |  |
| ORP (mV)                                         | -17.5 | -18.7 | -18.6 | -18.0 | -17.2 | -17.8 | -17.2 |  |

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

|                                 |                    |       |
|---------------------------------|--------------------|-------|
| Physical appearance at sampling | Color              | Clear |
|                                 | Odor               | None  |
|                                 | Green/Free Product | None  |

| COMMENTS/OBSERVATIONS | Green/Red Product | None | Green/Red Product | None |
|-----------------------|-------------------|------|-------------------|------|
| Start purge at 1116   |                   |      |                   |      |
| Sampled at 1150       |                   |      |                   |      |

## Appendix D Analytical Laboratory Data Packages

## Gene-Trac® Certificate of Analysis

**Customer:** Dino Zack

**Batch Reference:** S-10739

**Email:** dino.zack@aecom.com

**Report Date:** 18-Oct-24

**Phone:** (716) 866-8222

**Certificate Number:** CAG-1380

**Company:** AECOM Technical Services, Inc.

**Test Location(s):** Knoxville and Guelph

**Project Name:** Area 1 BCP

**Customer Reference:** 60676146-1

**Method Reference:** SOP-002, SOP-108, SOP-116, SOP-126

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 (*Dehalococcoides* and Total Prokaryotes testing) were performed at SiREM Knoxville, the remainder of testing was performed at SiREM Guelph.

There are changes to our report format; this is due to improvements in our data reporting system. In addition, each report now includes qPCR quantification of total prokaryotes. This value is a useful measure of total microbial biomass and is now used to calculate the percentage of the test target (e.g., % Dhc).



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

**Test Results, Test Certificate CAG-1380**

| Target (Test ID)*                           | MW-42S                     |                          |
|---------------------------------------------|----------------------------|--------------------------|
|                                             | Gene Copies/L <sup>1</sup> | Percent (%) <sup>2</sup> |
| <i>Dehalococcoides (DHC)</i>                | 4.10 E+07                  | 0.266                    |
| Run Date                                    | 14-Oct-24                  |                          |
| <i>vcrA Reductase (FGA-VCRA)</i>            | 2.60 E+07                  | 0.169                    |
| Run Date                                    | 17-Oct-24                  |                          |
| <i>bvcA Reductase (FGA-BVCA)</i>            | 2.10 E+05                  | 0.00136                  |
| Run Date                                    | 17-Oct-24                  |                          |
| <i>tceA Reductase (FGA-TCEA)</i>            | 1.22 E+07                  | 0.0790                   |
| Run Date                                    | 17-Oct-24                  |                          |
| <i>Dehalobacter (DHB)</i>                   | 6.65 E+06                  | 0.0432                   |
| Run Date                                    | 17-Oct-24                  |                          |
| <i>Total Prokaryotes (PROK)<sup>3</sup></i> | 1.54 E+10                  | 100                      |
| Run Date                                    | 14-Oct-24                  |                          |

\* 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-1380

|                                       |             |
|---------------------------------------|-------------|
| Customer Sample ID                    | MW-42S      |
| Date Sampled <sup>(4)</sup>           | 04-Oct-24   |
| Matrix                                | Groundwater |
| Date Received <sup>(4)</sup>          | 08-Oct-24   |
| Sample Temperature                    | 5.9 °C      |
| Filtration Date <sup>(4)</sup>        | 08-Oct-24   |
| Volume Used for DNA Extraction        | 100 mL      |
| DNA Extraction Date                   | 11-Oct-24   |
| DNA Extraction Control <sup>(5)</sup> | 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-1380

| 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                |          |
| <b><i>Dehalococcoides (DHC)</i></b>     | 1.42 E+07            | 1.23 E+07 | 1.54 E+09             | 1.35 E+09 | 0                   | 6.55 E+02 U | 0                             | 6.55 E+02 U              | Passed   |
| Run Date                                | 14-Oct-24            |           | 14-Oct-24             |           | 14-Oct-24           |             | 14-Oct-24                     |                          |          |
| <b><i>vcrA Reductase (FGA-VCRA)</i></b> | 1.27 E+07            | 1.79 E+07 | 1.48 E+09             | 1.36 E+09 | 0                   | 6.55 E+02 U | 0                             | 6.55 E+02 U              | Passed   |
| Run Date                                | 17-Oct-24            |           | 17-Oct-24             |           | 17-Oct-24           |             | 17-Oct-24                     |                          |          |
| <b><i>bvcA Reductase (FGA-BVCA)</i></b> | 1.44 E+07            | 1.80 E+07 | 1.59 E+09             | 1.58 E+09 | 0                   | 6.55 E+02 U | 0                             | 6.55 E+02 U              | Passed   |
| Run Date                                | 17-Oct-24            |           | 17-Oct-24             |           | 17-Oct-24           |             | 17-Oct-24                     |                          |          |
| <b><i>tceA Reductase (FGA-TCEA)</i></b> | 1.24 E+07            | 1.71 E+07 | 1.39 E+09             | 1.09 E+09 | 0                   | 6.55 E+02 U | 0                             | 6.55 E+02 U              | Passed   |
| Run Date                                | 17-Oct-24            |           | 17-Oct-24             |           | 17-Oct-24           |             | 17-Oct-24                     |                          |          |
| <b><i>Dehalobacter (DHB)</i></b>        | 1.38 E+07            | 1.39 E+07 | 1.30 E+09             | 1.36 E+09 | 0                   | 6.55 E+02 U | 0                             | 6.55 E+02 U              | Passed   |
| Run Date                                | 17-Oct-24            |           | 17-Oct-24             |           | 17-Oct-24           |             | 17-Oct-24                     |                          |          |
| <b><i>Total Prokaryotes (PROK)</i></b>  | 1.43 E+07            | 1.39 E+07 | 1.69 E+09             | 1.57 E+09 | 0                   | 6.55 E+02 U | 0                             | 3.29 E+03 <sup>(6)</sup> | Passed   |
| Run Date                                | 14-Oct-24            |           | 14-Oct-24             |           | 14-Oct-24           |             | 14-Oct-24                     |                          |          |

**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 14 days of days of reception or filtration.

5. DNA is extracted from a standardized bacterial culture sample daily and Universal qPCR is performed using standard methods. A recovery greater than 25% of the expected value is deemed acceptable.

6. 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.

7. 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.

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Dino Zack  
AECOM  
50 Lakefront Boulevard  
Suite 111  
Buffalo, New York 14202  
Generated 10/21/2024 4:01:42 PM

## JOB DESCRIPTION

Scott Figgie Area 1 BCP

## JOB NUMBER

480-224028-1

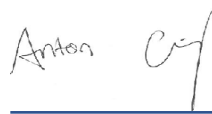
# Eurofins Buffalo

## Job Notes

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## Authorization



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# Definitions/Glossary

Client: AECOM

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| E         | Result exceeded calibration range.                                                                             |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| 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                                                                                                                    |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                                                                                              |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                                           |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.                            |
| 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 Area 1 BCP

Job ID: 480-224028-1

**Job ID: 480-224028-1**

**Eurofins Buffalo**

## Job Narrative 480-224028-1

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 10/4/2024 4:13 PM, 10/7/2024 4:10 PM, 10/9/2024 4:00 PM and 10/9/2024 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.6°C, 5.0°C, 11.3°C and 14.6°C.

### GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-42S (480-224028-3), A1-GP06-S (480-224085-5) and A1-GP10-S (480-224085-6). 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-40D (480-224028-1) and MW-38D (480-224085-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727413 recovered above the upper control limit for Vinyl Chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: Duplicate (480-224028-6).

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-727413. The following sample was affected: Duplicate (480-224028-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-727413 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. Duplicate (480-224028-6)

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727413 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: Duplicate (480-224028-6).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: AL-GP16-S (480-224126-1) and MW-39D (480-224126-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727583 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are impacted: AL-GP16-S (480-224126-1), MW-39D (480-224126-2), MW-37D (480-224126-3) and AL-GP15-S (480-224126-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727583 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: AL-GP16-S (480-224126-1), MW-39D (480-224126-2), MW-37D (480-224126-3) and AL-GP15-S (480-224126-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-727754 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: CB-1 (480-224180-1), CB-3 (480-224180-3), CB-4 (480-224180-4), CB-E

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## Case Narrative

Client: AECOM  
Project: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

### Job ID: 480-224028-1 (Continued)

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(480-224180-5) and TP-5 (480-224180-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-727754 recovered outside control limits for the following analytes: Vinyl chloride, Chloroethane, and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported: CB-1 (480-224180-1), CB-3 (480-224180-3) and TP-5 (480-224180-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-727754 recovered outside control limits for the following analytes: Vinyl chloride and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported: CB-4 (480-224180-4) and CB-E (480-224180-5).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-727754 recovered outside control limits for the following analytes: Chloroethane. These analytes were biased high in the LCS and were not detected above the RL in the associated samples; therefore, the data have been reported: CB-4 (480-224180-4) and CB-E (480-224180-5).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: A1-GP02-S (480-224184-2). 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-43 (480-224184-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: A1-GP02-S (480-224184-2) and A1-GP09-S (480-224184-5).

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-40D (480-224028-1), MW-42S (480-224028-3), MW-38D (480-224085-1), A1-GP18-S (480-224085-4), A1-GP06-S (480-224085-5) and A1-GP10-S (480-224085-6). 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-40D (480-224028-1) and MW-42S (480-224028-3). Elevated reporting limits (RLs) are provided.

Method 310.2: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): MW-38D (480-224085-1), A1-GP18-S (480-224085-4), A1-GP06-S (480-224085-5), A1-GP10-S (480-224085-6), (480-224163-B-4), (480-224163-B-4 DU) and (480-224163-B-4 MS).

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-40D (480-224028-1), MW-42S (480-224028-3), MW-38D (480-224085-1), A1-GP18-S (480-224085-4), A1-GP06-S (480-224085-5) and A1-GP10-S (480-224085-6).

Method 3500\_FE\_D - Dissolved: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 480-727700 and analytical batch 480-727518 were outside control limits: A1-GP18-S (480-224085-4). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 353.2\_Nitrite: The following samples were analyzed outside of analytical holding time due to login error: MW-40D (480-224028-1) and MW-42S (480-224028-3).

Method 353.2\_Nitrite: The following samples were analyzed outside of analytical holding time due to instrument error in analysis: MW-40D (480-224028-1) and MW-42S (480-224028-3).

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

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-40D

Lab Sample ID: 480-224028-1

Date Collected: 10/04/24 10:55

Matrix: Water

Date Received: 10/04/24 16:13

## 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     |           | 40  | 33  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 40  | 8.4 | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,1,2-Trichloroethane                 | ND     |           | 40  | 9.2 | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 40  | 12  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,1-Dichloroethane                    | ND     |           | 40  | 15  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,1-Dichloroethene                    | ND     |           | 40  | 12  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,2,4-Trichlorobenzene                | ND     |           | 40  | 16  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 40  | 16  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,2-Dichlorobenzene                   | ND     |           | 40  | 32  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,2-Dichloroethane                    | ND     |           | 40  | 8.4 | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,2-Dichloropropane                   | ND     |           | 40  | 29  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,3-Dichlorobenzene                   | ND     |           | 40  | 31  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,4-Dichlorobenzene                   | ND     |           | 40  | 34  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 2-Butanone (MEK)                      | ND     |           | 400 | 53  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 2-Hexanone                            | ND     |           | 200 | 50  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 200 | 84  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Acetone                               | ND     |           | 400 | 120 | ug/L |   |          | 10/08/24 05:43 | 40      |
| Benzene                               | ND     |           | 40  | 16  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Bromodichloromethane                  | ND     |           | 40  | 16  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Bromoform                             | ND     |           | 40  | 10  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Bromomethane                          | ND     |           | 40  | 28  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Carbon disulfide                      | ND     |           | 40  | 7.6 | ug/L |   |          | 10/08/24 05:43 | 40      |
| Carbon tetrachloride                  | ND     |           | 40  | 11  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Chlorobenzene                         | ND     |           | 40  | 30  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Dibromochloromethane                  | ND     |           | 40  | 13  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Chloroethane                          | ND     |           | 40  | 13  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Chloroform                            | ND     |           | 40  | 14  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Chloromethane                         | ND     |           | 40  | 14  | ug/L |   |          | 10/08/24 05:43 | 40      |
| cis-1,2-Dichloroethene                | ND     |           | 40  | 32  | ug/L |   |          | 10/08/24 05:43 | 40      |
| cis-1,3-Dichloropropene               | ND     |           | 40  | 14  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Cyclohexane                           | ND     |           | 40  | 7.2 | ug/L |   |          | 10/08/24 05:43 | 40      |
| Dichlorodifluoromethane               | ND     |           | 40  | 27  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Ethylbenzene                          | ND     |           | 40  | 30  | ug/L |   |          | 10/08/24 05:43 | 40      |
| 1,2-Dibromoethane                     | ND     |           | 40  | 29  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Isopropylbenzene                      | ND     |           | 40  | 32  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Methyl acetate                        | ND     |           | 100 | 52  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Methyl tert-butyl ether               | ND     |           | 40  | 6.4 | ug/L |   |          | 10/08/24 05:43 | 40      |
| Methylcyclohexane                     | ND     |           | 40  | 6.4 | ug/L |   |          | 10/08/24 05:43 | 40      |
| Methylene Chloride                    | ND     |           | 40  | 18  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Styrene                               | ND     |           | 40  | 29  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Tetrachloroethene                     | ND     |           | 40  | 14  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Toluene                               | ND     |           | 40  | 20  | ug/L |   |          | 10/08/24 05:43 | 40      |
| trans-1,2-Dichloroethene              | ND     |           | 40  | 36  | ug/L |   |          | 10/08/24 05:43 | 40      |
| trans-1,3-Dichloropropene             | ND     |           | 40  | 15  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Trichloroethene                       | ND     |           | 40  | 18  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Trichlorofluoromethane                | ND     |           | 40  | 35  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Vinyl chloride                        | ND     |           | 40  | 36  | ug/L |   |          | 10/08/24 05:43 | 40      |
| Xylenes, Total                        | ND     |           | 80  | 26  | ug/L |   |          | 10/08/24 05:43 | 40      |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-40D**

**Lab Sample ID: 480-224028-1**

**Date Collected: 10/04/24 10:55**

**Matrix: Water**

**Date Received: 10/04/24 16:13**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 10/08/24 05:43 | 40      |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 10/08/24 05:43 | 40      |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 10/08/24 05:43 | 40      |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 10/08/24 05:43 | 40      |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 43000  |           | 10000 | 5000 | ug/L |   |          | 10/15/24 14:24 | 1       |
| Ethane         | 1.5    | J         | 7.5   | 1.5  | ug/L |   |          | 10/08/24 12:25 | 1       |
| Ethene         | ND     |           | 7.0   | 1.5  | ug/L |   |          | 10/08/24 12:25 | 1       |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 21000  |           | 440 | 110 | ug/L |   |          | 10/08/24 15:37 | 110     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | ND     |           | 10.0  | 1.7   | mg/L |   |          | 10/09/24 02:38 | 5       |
| Alkalinity, Total (EPA 310.2)      | 652    |           | 100   | 40.0  | mg/L |   |          | 10/08/24 12:54 | 10      |
| Nitrate as N (EPA 353.2)           | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 10/09/24 11:11 | 1       |
| Nitrite as N (EPA 353.2)           | 0.032  | J H       | 0.050 | 0.020 | mg/L |   |          | 10/09/24 11:11 | 1       |
| Total Organic Carbon (SW846 9060A) | 61.4   |           | 1.0   | 0.43  | mg/L |   |          | 10/08/24 00:31 | 1       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 10/09/24 12:56 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 0.18   | HF        | 0.10 | 0.075 | mg/L |   |          | 10/08/24 13:35 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-224028-2

Date Collected: 10/04/24 07:30

Matrix: Water

Date Received: 10/04/24 16:13

## 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 |   |          | 10/08/24 06:07 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/08/24 06:07 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/08/24 06:07 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/08/24 06:07 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/08/24 06:07 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/08/24 06:07 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/08/24 06:07 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/08/24 06:07 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/08/24 06:07 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/08/24 06:07 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 06:07 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 06:07 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/08/24 06:07 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: Trip Blank**  
**Date Collected: 10/04/24 07:30**  
**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-2**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 10/08/24 06:07 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 10/08/24 06:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 10/08/24 06:07 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 123 |          | 10/08/24 06:07 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-42S

Lab Sample ID: 480-224028-3

Date Collected: 10/04/24 12:45

Matrix: Water

Date Received: 10/04/24 16:13

## 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 |   |          | 10/08/24 06:32 | 200     |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 200  | 42  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,1,2-Trichloroethane                 | ND     |           | 200  | 46  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 130    | J         | 200  | 62  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,1-Dichloroethane                    | 290    |           | 200  | 76  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,1-Dichloroethene                    | ND     |           | 200  | 58  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,2,4-Trichlorobenzene                | ND     |           | 200  | 82  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 200  | 78  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,2-Dichlorobenzene                   | ND     |           | 200  | 160 | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,2-Dichloroethane                    | ND     |           | 200  | 42  | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,2-Dichloropropane                   | ND     |           | 200  | 140 | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,3-Dichlorobenzene                   | ND     |           | 200  | 160 | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,4-Dichlorobenzene                   | ND     |           | 200  | 170 | ug/L |   |          | 10/08/24 06:32 | 200     |
| 2-Butanone (MEK)                      | ND     |           | 2000 | 260 | ug/L |   |          | 10/08/24 06:32 | 200     |
| 2-Hexanone                            | ND     |           | 1000 | 250 | ug/L |   |          | 10/08/24 06:32 | 200     |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 1000 | 420 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Acetone                               | ND     |           | 2000 | 600 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Benzene                               | ND     |           | 200  | 82  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Bromodichloromethane                  | ND     |           | 200  | 78  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Bromoform                             | ND     |           | 200  | 52  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Bromomethane                          | ND     |           | 200  | 140 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Carbon disulfide                      | ND     |           | 200  | 38  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Carbon tetrachloride                  | ND     |           | 200  | 54  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Chlorobenzene                         | ND     |           | 200  | 150 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Dibromochloromethane                  | ND     |           | 200  | 64  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Chloroethane                          | 5500   |           | 200  | 64  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Chloroform                            | ND     |           | 200  | 68  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Chloromethane                         | ND     |           | 200  | 70  | ug/L |   |          | 10/08/24 06:32 | 200     |
| cis-1,2-Dichloroethene                | 260    |           | 200  | 160 | ug/L |   |          | 10/08/24 06:32 | 200     |
| cis-1,3-Dichloropropene               | ND     |           | 200  | 72  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Cyclohexane                           | ND     |           | 200  | 36  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Dichlorodifluoromethane               | ND     |           | 200  | 140 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Ethylbenzene                          | ND     |           | 200  | 150 | ug/L |   |          | 10/08/24 06:32 | 200     |
| 1,2-Dibromoethane                     | ND     |           | 200  | 150 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Isopropylbenzene                      | ND     |           | 200  | 160 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Methyl acetate                        | ND     |           | 500  | 260 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Methyl tert-butyl ether               | ND     |           | 200  | 32  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Methylcyclohexane                     | ND     |           | 200  | 32  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Methylene Chloride                    | ND     |           | 200  | 88  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Styrene                               | ND     |           | 200  | 150 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Tetrachloroethene                     | ND     |           | 200  | 72  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Toluene                               | 560    |           | 200  | 100 | ug/L |   |          | 10/08/24 06:32 | 200     |
| trans-1,2-Dichloroethene              | ND     |           | 200  | 180 | ug/L |   |          | 10/08/24 06:32 | 200     |
| trans-1,3-Dichloropropene             | ND     |           | 200  | 74  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Trichloroethene                       | ND     |           | 200  | 92  | ug/L |   |          | 10/08/24 06:32 | 200     |
| Trichlorofluoromethane                | ND     |           | 200  | 180 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Vinyl chloride                        | 550    |           | 200  | 180 | ug/L |   |          | 10/08/24 06:32 | 200     |
| Xylenes, Total                        | ND     |           | 400  | 130 | ug/L |   |          | 10/08/24 06:32 | 200     |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-42S**

**Lab Sample ID: 480-224028-3**

**Date Collected: 10/04/24 12:45**

**Matrix: Water**

**Date Received: 10/04/24 16:13**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 10/08/24 06:32 | 200     |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 10/08/24 06:32 | 200     |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 73 - 120 |          | 10/08/24 06:32 | 200     |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 123 |          | 10/08/24 06:32 | 200     |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 170000 |           | 10000 | 5000 | ug/L |   |          | 10/15/24 14:33 | 1       |
| Ethane         | ND     |           | 830   | 170  | ug/L |   |          | 10/08/24 12:44 | 110     |
| Ethene         | 1100   |           | 770   | 170  | ug/L |   |          | 10/08/24 12:44 | 110     |
| Methane        | 17000  |           | 440   | 110  | ug/L |   |          | 10/08/24 12:44 | 110     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | ND     |           | 10.0  | 1.7   | mg/L |   |          | 10/09/24 02:52 | 5       |
| Alkalinity, Total (EPA 310.2)      | 650    |           | 100   | 40.0  | mg/L |   |          | 10/08/24 12:54 | 10      |
| Nitrate as N (EPA 353.2)           | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 10/09/24 11:11 | 1       |
| Nitrite as N (EPA 353.2)           | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 10/09/24 11:11 | 1       |
| Total Organic Carbon (SW846 9060A) | 537    | B         | 10.0  | 4.3   | mg/L |   |          | 10/12/24 03:24 | 10      |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 10/09/24 12:56 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 15.4   | HF        | 1.0 | 0.75 | mg/L |   |          | 10/08/24 14:04 | 10      |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-224028-4

Date Collected: 10/04/24 09:30

Matrix: Water

Date Received: 10/04/24 16:13

## 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 |   |          | 10/08/24 06:57 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/08/24 06:57 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/08/24 06:57 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/08/24 06:57 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/08/24 06:57 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/08/24 06:57 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/08/24 06:57 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/08/24 06:57 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/08/24 06:57 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/08/24 06:57 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 06:57 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 06:57 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/08/24 06:57 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: Rinse Blank**  
**Date Collected: 10/04/24 09:30**  
**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-4**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 102       |           | 80 - 120 |          | 10/08/24 06:57 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 77 - 120 |          | 10/08/24 06:57 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 10/08/24 06:57 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 123 |          | 10/08/24 06:57 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-44S

Lab Sample ID: 480-224028-5

Date Collected: 10/04/24 15:20

Matrix: Water

Date Received: 10/04/24 16:13

## 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 |   |          | 10/08/24 07:22 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/08/24 07:22 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/08/24 07:22 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/08/24 07:22 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/08/24 07:22 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/08/24 07:22 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/08/24 07:22 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/08/24 07:22 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/08/24 07:22 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/08/24 07:22 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 07:22 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 07:22 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/08/24 07:22 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-44S**  
**Date Collected: 10/04/24 15:20**  
**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-5**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 10/08/24 07:22 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 10/08/24 07:22 | 1       |
| 4-Bromofluorobenzene (Surr)  | 110       |           | 73 - 120 |          | 10/08/24 07:22 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 123 |          | 10/08/24 07:22 | 1       |

**General Chemistry**

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | ND     |           | 1.0 | 0.43 | mg/L |   |          | 10/10/24 01:09 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: Duplicate

Lab Sample ID: 480-224028-6

Date Collected: 10/04/24 08:00

Matrix: Water

Date Received: 10/04/24 16:13

## 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 |   |          | 10/08/24 21:03 | 1       |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 2-Butanone (MEK)                      | ND     | *+        | 10  | 1.3  | ug/L |   |          | 10/08/24 21:03 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/08/24 21:03 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/08/24 21:03 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/08/24 21:03 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Chloromethane                         | ND     | *+        | 1.0 | 0.35 | ug/L |   |          | 10/08/24 21:03 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/08/24 21:03 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/08/24 21:03 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/08/24 21:03 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/08/24 21:03 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 21:03 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 21:03 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/08/24 21:03 | 1       |

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Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: Duplicate

Lab Sample ID: 480-224028-6

Date Collected: 10/04/24 08:00

Matrix: Water

Date Received: 10/04/24 16:13

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 10/08/24 21:03 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 10/08/24 21:03 | 1       |
| 4-Bromofluorobenzene (Surr)  | 109       |           | 73 - 120 |          | 10/08/24 21:03 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 123 |          | 10/08/24 21:03 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-38D

Lab Sample ID: 480-224085-1

Date Collected: 10/07/24 11:05

Matrix: Water

Date Received: 10/07/24 16:10

## 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 |   |          | 10/08/24 21:22 | 4       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 4.0 | 0.84 | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,1,2-Trichloroethane                 | ND     |           | 4.0 | 0.92 | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 4.0 | 1.2  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,1-Dichloroethane                    | ND     |           | 4.0 | 1.5  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,1-Dichloroethene                    | ND     |           | 4.0 | 1.2  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,2,4-Trichlorobenzene                | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,2-Dichlorobenzene                   | ND     |           | 4.0 | 3.2  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,2-Dichloroethane                    | ND     |           | 4.0 | 0.84 | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,2-Dichloropropane                   | ND     |           | 4.0 | 2.9  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,3-Dichlorobenzene                   | ND     |           | 4.0 | 3.1  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,4-Dichlorobenzene                   | ND     |           | 4.0 | 3.4  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 2-Butanone (MEK)                      | ND     |           | 40  | 5.3  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 2-Hexanone                            | ND     |           | 20  | 5.0  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 20  | 8.4  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Acetone                               | ND     |           | 40  | 12   | ug/L |   |          | 10/08/24 21:22 | 4       |
| Benzene                               | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Bromodichloromethane                  | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Bromoform                             | ND     |           | 4.0 | 1.0  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Bromomethane                          | ND     |           | 4.0 | 2.8  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Carbon disulfide                      | ND     |           | 4.0 | 0.76 | ug/L |   |          | 10/08/24 21:22 | 4       |
| Carbon tetrachloride                  | ND     |           | 4.0 | 1.1  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Chlorobenzene                         | ND     |           | 4.0 | 3.0  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Dibromochloromethane                  | ND     |           | 4.0 | 1.3  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Chloroethane                          | ND     |           | 4.0 | 1.3  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Chloroform                            | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Chloromethane                         | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/08/24 21:22 | 4       |
| cis-1,2-Dichloroethene                | ND     |           | 4.0 | 3.2  | ug/L |   |          | 10/08/24 21:22 | 4       |
| cis-1,3-Dichloropropene               | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Cyclohexane                           | ND     |           | 4.0 | 0.72 | ug/L |   |          | 10/08/24 21:22 | 4       |
| Dichlorodifluoromethane               | ND     |           | 4.0 | 2.7  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Ethylbenzene                          | ND     |           | 4.0 | 3.0  | ug/L |   |          | 10/08/24 21:22 | 4       |
| 1,2-Dibromoethane                     | ND     |           | 4.0 | 2.9  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Isopropylbenzene                      | ND     |           | 4.0 | 3.2  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Methyl acetate                        | ND     |           | 10  | 5.2  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Methyl tert-butyl ether               | ND     |           | 4.0 | 0.64 | ug/L |   |          | 10/08/24 21:22 | 4       |
| Methylcyclohexane                     | ND     |           | 4.0 | 0.64 | ug/L |   |          | 10/08/24 21:22 | 4       |
| Methylene Chloride                    | ND     |           | 4.0 | 1.8  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Styrene                               | ND     |           | 4.0 | 2.9  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Tetrachloroethene                     | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Toluene                               | ND     |           | 4.0 | 2.0  | ug/L |   |          | 10/08/24 21:22 | 4       |
| trans-1,2-Dichloroethene              | ND     |           | 4.0 | 3.6  | ug/L |   |          | 10/08/24 21:22 | 4       |
| trans-1,3-Dichloropropene             | ND     |           | 4.0 | 1.5  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Trichloroethene                       | ND     |           | 4.0 | 1.8  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Trichlorofluoromethane                | ND     |           | 4.0 | 3.5  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Vinyl chloride                        | ND     |           | 4.0 | 3.6  | ug/L |   |          | 10/08/24 21:22 | 4       |
| Xylenes, Total                        | ND     |           | 8.0 | 2.6  | ug/L |   |          | 10/08/24 21:22 | 4       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-38D**

**Lab Sample ID: 480-224085-1**

**Date Collected: 10/07/24 11:05**

**Matrix: Water**

**Date Received: 10/07/24 16:10**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 91        |           | 80 - 120 |          | 10/08/24 21:22 | 4       |
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 77 - 120 |          | 10/08/24 21:22 | 4       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 10/08/24 21:22 | 4       |
| Dibromofluoromethane (Surr)  | 92        |           | 75 - 123 |          | 10/08/24 21:22 | 4       |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 25000  |           | 10000 | 5000 | ug/L |   |          | 10/15/24 14:42 | 1       |
| Ethane         | ND     |           | 170   | 33   | ug/L |   |          | 10/08/24 14:21 | 22      |
| Ethene         | ND     |           | 150   | 33   | ug/L |   |          | 10/08/24 14:21 | 22      |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 26000  |           | 880 | 220 | ug/L |   |          | 10/09/24 09:15 | 220     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | ND     |           | 10.0  | 1.7   | mg/L |   |          | 10/08/24 19:23 | 5       |
| Alkalinity, Total (EPA 310.2)      | 673    |           | 100   | 40.0  | mg/L |   |          | 10/10/24 11:49 | 10      |
| Nitrate as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:01 | 1       |
| Nitrite as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:01 | 1       |
| Total Organic Carbon (SW846 9060A) | 15.4   |           | 1.0   | 0.43  | mg/L |   |          | 10/10/24 17:47 | 1       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 10/09/24 12:56 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | ND     | HF        | 0.10 | 0.075 | mg/L |   |          | 10/08/24 13:36 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-36S

Lab Sample ID: 480-224085-2

Date Collected: 10/07/24 14:35

Matrix: Water

Date Received: 10/07/24 16:10

## 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 |   |          | 10/08/24 21:44 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/08/24 21:44 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/08/24 21:44 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/08/24 21:44 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/08/24 21:44 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/08/24 21:44 | 1       |
| cis-1,2-Dichloroethene                | 1.5    |           | 1.0 | 0.81 | ug/L |   |          | 10/08/24 21:44 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/08/24 21:44 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/08/24 21:44 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/08/24 21:44 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 21:44 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 21:44 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/08/24 21:44 | 1       |

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Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-36S

Lab Sample ID: 480-224085-2

Date Collected: 10/07/24 14:35

Matrix: Water

Date Received: 10/07/24 16:10

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 92        |           | 80 - 120 |          | 10/08/24 21:44 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 77 - 120 |          | 10/08/24 21:44 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 10/08/24 21:44 | 1       |
| Dibromofluoromethane (Surr)  | 88        |           | 75 - 123 |          | 10/08/24 21:44 | 1       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 4.2    |           | 1.0 | 0.43 | mg/L |   |          | 10/10/24 18:15 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: TRIP BLANK-0100724

Lab Sample ID: 480-224085-3

Date Collected: 10/07/24 07:30

Matrix: Water

Date Received: 10/07/24 16:10

## 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 |   |          | 10/08/24 22:06 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/08/24 22:06 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/08/24 22:06 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/08/24 22:06 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/08/24 22:06 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/08/24 22:06 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/08/24 22:06 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/08/24 22:06 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/08/24 22:06 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/08/24 22:06 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 22:06 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 22:06 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/08/24 22:06 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: TRIP BLANK-0100724**  
**Date Collected: 10/07/24 07:30**  
**Date Received: 10/07/24 16:10**

**Lab Sample ID: 480-224085-3**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 92        |           | 80 - 120 |          | 10/08/24 22:06 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 77 - 120 |          | 10/08/24 22:06 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 73 - 120 |          | 10/08/24 22:06 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 75 - 123 |          | 10/08/24 22:06 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP18-S

Lab Sample ID: 480-224085-4

Date Collected: 10/07/24 12:30

Matrix: Water

Date Received: 10/07/24 16:10

## 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 |   |          | 10/08/24 22:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/08/24 22:29 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/08/24 22:29 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/08/24 22:29 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/08/24 22:29 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/08/24 22:29 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/08/24 22:29 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/08/24 22:29 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/08/24 22:29 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/08/24 22:29 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 22:29 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/08/24 22:29 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/08/24 22:29 | 1       |

Euofins Buffalo

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: A1-GP18-S**

**Lab Sample ID: 480-224085-4**

**Date Collected: 10/07/24 12:30**

**Matrix: Water**

**Date Received: 10/07/24 16:10**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 89        |           | 80 - 120 |          | 10/08/24 22:29 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 77 - 120 |          | 10/08/24 22:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 10/08/24 22:29 | 1       |
| Dibromofluoromethane (Surr)  | 93        |           | 75 - 123 |          | 10/08/24 22:29 | 1       |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 31000  |           | 10000 | 5000 | ug/L |   |          | 10/15/24 14:52 | 1       |
| Ethane         | ND     |           | 170   | 33   | ug/L |   |          | 10/08/24 14:40 | 22      |
| Ethene         | ND     |           | 150   | 33   | ug/L |   |          | 10/08/24 14:40 | 22      |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 9500   |           | 880 | 220 | ug/L |   |          | 10/09/24 09:34 | 220     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | 5.0    |           | 4.0   | 0.70  | mg/L |   |          | 10/08/24 19:38 | 2       |
| Alkalinity, Total (EPA 310.2)      | 460    |           | 50.0  | 20.0  | mg/L |   |          | 10/10/24 10:34 | 5       |
| Nitrate as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:01 | 1       |
| Nitrite as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:01 | 1       |
| Total Organic Carbon (SW846 9060A) | 2.1    |           | 1.0   | 0.43  | mg/L |   |          | 10/10/24 18:43 | 1       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 10/09/24 12:56 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | ND     | HF F1     | 0.10 | 0.075 | mg/L |   |          | 10/08/24 13:37 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP06-S

Lab Sample ID: 480-224085-5

Date Collected: 10/07/24 09:00

Matrix: Water

Date Received: 10/07/24 16:10

## 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     |           | 25  | 21  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 25  | 5.3 | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,1,2-Trichloroethane                 | ND     |           | 25  | 5.8 | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 25  | 7.8 | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,1-Dichloroethane                    | 13     | J         | 25  | 9.5 | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,1-Dichloroethene                    | ND     |           | 25  | 7.3 | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,2,4-Trichlorobenzene                | ND     |           | 25  | 10  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 25  | 9.8 | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,2-Dichlorobenzene                   | ND     |           | 25  | 20  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,2-Dichloroethane                    | ND     |           | 25  | 5.3 | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,2-Dichloropropane                   | ND     |           | 25  | 18  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,3-Dichlorobenzene                   | ND     |           | 25  | 20  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,4-Dichlorobenzene                   | ND     |           | 25  | 21  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 2-Butanone (MEK)                      | ND     |           | 250 | 33  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 2-Hexanone                            | ND     |           | 130 | 31  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 130 | 53  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Acetone                               | ND     |           | 250 | 75  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Benzene                               | ND     |           | 25  | 10  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Bromodichloromethane                  | ND     |           | 25  | 9.8 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Bromoform                             | ND     |           | 25  | 6.5 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Bromomethane                          | ND     |           | 25  | 17  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Carbon disulfide                      | ND     |           | 25  | 4.8 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Carbon tetrachloride                  | ND     |           | 25  | 6.8 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Chlorobenzene                         | ND     |           | 25  | 19  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Dibromochloromethane                  | ND     |           | 25  | 8.0 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Chloroethane                          | 780    |           | 25  | 8.0 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Chloroform                            | ND     |           | 25  | 8.5 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Chloromethane                         | ND     |           | 25  | 8.8 | ug/L |   |          | 10/08/24 22:51 | 25      |
| cis-1,2-Dichloroethene                | ND     |           | 25  | 20  | ug/L |   |          | 10/08/24 22:51 | 25      |
| cis-1,3-Dichloropropene               | ND     |           | 25  | 9.0 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Cyclohexane                           | ND     |           | 25  | 4.5 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Dichlorodifluoromethane               | ND     |           | 25  | 17  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Ethylbenzene                          | ND     |           | 25  | 19  | ug/L |   |          | 10/08/24 22:51 | 25      |
| 1,2-Dibromoethane                     | ND     |           | 25  | 18  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Isopropylbenzene                      | ND     |           | 25  | 20  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Methyl acetate                        | ND     |           | 63  | 33  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Methyl tert-butyl ether               | ND     |           | 25  | 4.0 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Methylcyclohexane                     | ND     |           | 25  | 4.0 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Methylene Chloride                    | ND     |           | 25  | 11  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Styrene                               | ND     |           | 25  | 18  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Tetrachloroethene                     | ND     |           | 25  | 9.0 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Toluene                               | ND     |           | 25  | 13  | ug/L |   |          | 10/08/24 22:51 | 25      |
| trans-1,2-Dichloroethene              | ND     |           | 25  | 23  | ug/L |   |          | 10/08/24 22:51 | 25      |
| trans-1,3-Dichloropropene             | ND     |           | 25  | 9.3 | ug/L |   |          | 10/08/24 22:51 | 25      |
| Trichloroethene                       | ND     |           | 25  | 12  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Trichlorofluoromethane                | ND     |           | 25  | 22  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Vinyl chloride                        | ND     |           | 25  | 23  | ug/L |   |          | 10/08/24 22:51 | 25      |
| Xylenes, Total                        | ND     |           | 50  | 17  | ug/L |   |          | 10/08/24 22:51 | 25      |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP06-S

Lab Sample ID: 480-224085-5

Date Collected: 10/07/24 09:00

Matrix: Water

Date Received: 10/07/24 16:10

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 93        |           | 80 - 120 |          | 10/08/24 22:51 | 25      |
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 77 - 120 |          | 10/08/24 22:51 | 25      |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 10/08/24 22:51 | 25      |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 123 |          | 10/08/24 22:51 | 25      |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 45000  |           | 10000 | 5000 | ug/L |   |          | 10/15/24 15:01 | 1       |
| Ethane         | ND     |           | 170   | 33   | ug/L |   |          | 10/08/24 14:59 | 22      |
| Ethene         | ND     |           | 150   | 33   | ug/L |   |          | 10/08/24 14:59 | 22      |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 16000  |           | 880 | 220 | ug/L |   |          | 10/09/24 09:53 | 220     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | 3.1    | J         | 10.0  | 1.7   | mg/L |   |          | 10/08/24 19:52 | 5       |
| Alkalinity, Total (EPA 310.2)      | 498    |           | 100   | 40.0  | mg/L |   |          | 10/10/24 11:49 | 10      |
| Nitrate as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:01 | 1       |
| Nitrite as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:01 | 1       |
| Total Organic Carbon (SW846 9060A) | 42.0   |           | 1.0   | 0.43  | mg/L |   |          | 10/10/24 21:57 | 1       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 10/09/24 12:56 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 0.091  | J HF      | 0.10 | 0.075 | mg/L |   |          | 10/08/24 13:37 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP10-S

Lab Sample ID: 480-224085-6

Date Collected: 10/07/24 09:27

Matrix: Water

Date Received: 10/07/24 16:10

## 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              |           | 800  | 660  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,1,2,2-Tetrachloroethane             | ND              |           | 800  | 170  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,1,2-Trichloroethane                 | ND              |           | 800  | 180  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND              |           | 800  | 250  | ug/L |   |          | 10/08/24 23:14 | 800     |
| <b>1,1-Dichloroethane</b>             | <b>1000</b>     |           | 800  | 300  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,1-Dichloroethene                    | ND              |           | 800  | 230  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,2,4-Trichlorobenzene                | ND              |           | 800  | 330  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,2-Dibromo-3-Chloropropane           | ND              |           | 800  | 310  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,2-Dichlorobenzene                   | ND              |           | 800  | 630  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,2-Dichloroethane                    | ND              |           | 800  | 170  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,2-Dichloropropane                   | ND              |           | 800  | 580  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,3-Dichlorobenzene                   | ND              |           | 800  | 620  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,4-Dichlorobenzene                   | ND              |           | 800  | 670  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 2-Butanone (MEK)                      | ND              |           | 8000 | 1100 | ug/L |   |          | 10/08/24 23:14 | 800     |
| 2-Hexanone                            | ND              |           | 4000 | 990  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 4-Methyl-2-pentanone (MIBK)           | ND              |           | 4000 | 1700 | ug/L |   |          | 10/08/24 23:14 | 800     |
| Acetone                               | ND              |           | 8000 | 2400 | ug/L |   |          | 10/08/24 23:14 | 800     |
| Benzene                               | ND              |           | 800  | 330  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Bromodichloromethane                  | ND              |           | 800  | 310  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Bromoform                             | ND              |           | 800  | 210  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Bromomethane                          | ND              |           | 800  | 550  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Carbon disulfide                      | ND              |           | 800  | 150  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Carbon tetrachloride                  | ND              |           | 800  | 220  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Chlorobenzene                         | ND              |           | 800  | 600  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Dibromochloromethane                  | ND              |           | 800  | 260  | ug/L |   |          | 10/08/24 23:14 | 800     |
| <b>Chloroethane</b>                   | <b>36000 F1</b> |           | 800  | 260  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Chloroform                            | ND              |           | 800  | 270  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Chloromethane                         | ND              |           | 800  | 280  | ug/L |   |          | 10/08/24 23:14 | 800     |
| cis-1,2-Dichloroethene                | ND              |           | 800  | 650  | ug/L |   |          | 10/08/24 23:14 | 800     |
| cis-1,3-Dichloropropene               | ND              |           | 800  | 290  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Cyclohexane                           | ND              |           | 800  | 140  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Dichlorodifluoromethane               | ND              |           | 800  | 540  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Ethylbenzene                          | ND              |           | 800  | 590  | ug/L |   |          | 10/08/24 23:14 | 800     |
| 1,2-Dibromoethane                     | ND              |           | 800  | 580  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Isopropylbenzene                      | ND              |           | 800  | 630  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Methyl acetate                        | ND              |           | 2000 | 1000 | ug/L |   |          | 10/08/24 23:14 | 800     |
| Methyl tert-butyl ether               | ND              |           | 800  | 130  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Methylcyclohexane                     | ND              |           | 800  | 130  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Methylene Chloride                    | ND              |           | 800  | 350  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Styrene                               | ND              |           | 800  | 580  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Tetrachloroethene                     | ND              |           | 800  | 290  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Toluene                               | ND              |           | 800  | 410  | ug/L |   |          | 10/08/24 23:14 | 800     |
| trans-1,2-Dichloroethene              | ND              |           | 800  | 720  | ug/L |   |          | 10/08/24 23:14 | 800     |
| trans-1,3-Dichloropropene             | ND              |           | 800  | 300  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Trichloroethene                       | ND              |           | 800  | 370  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Trichlorofluoromethane                | ND              |           | 800  | 700  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Vinyl chloride                        | ND              |           | 800  | 720  | ug/L |   |          | 10/08/24 23:14 | 800     |
| Xylenes, Total                        | ND              |           | 1600 | 530  | ug/L |   |          | 10/08/24 23:14 | 800     |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP10-S

Lab Sample ID: 480-224085-6

Date Collected: 10/07/24 09:27

Matrix: Water

Date Received: 10/07/24 16:10

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 90        |           | 80 - 120 |          | 10/08/24 23:14 | 800     |
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 77 - 120 |          | 10/08/24 23:14 | 800     |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 10/08/24 23:14 | 800     |
| Dibromofluoromethane (Surr)  | 95        |           | 75 - 123 |          | 10/08/24 23:14 | 800     |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 120000 |           | 10000 | 5000 | ug/L |   |          | 10/15/24 15:10 | 1       |
| Ethane         | ND     |           | 170   | 33   | ug/L |   |          | 10/08/24 15:18 | 22      |
| Ethene         | 53     | J         | 150   | 33   | ug/L |   |          | 10/08/24 15:18 | 22      |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 11000  |           | 880 | 220 | ug/L |   |          | 10/09/24 10:11 | 220     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | 2.1    | J         | 10.0  | 1.7   | mg/L |   |          | 10/08/24 20:07 | 5       |
| Alkalinity, Total (EPA 310.2)      | 779    |           | 100   | 40.0  | mg/L |   |          | 10/10/24 11:49 | 10      |
| Nitrate as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:02 | 1       |
| Nitrite as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 10/08/24 20:02 | 1       |
| Total Organic Carbon (SW846 9060A) | 165    |           | 2.0   | 0.87  | mg/L |   |          | 10/11/24 20:51 | 2       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 10/09/24 12:56 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 0.72   | HF        | 0.10 | 0.075 | mg/L |   |          | 10/08/24 13:37 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: AL-GP16-S

Lab Sample ID: 480-224126-1

Date Collected: 10/08/24 12:40

Matrix: Water

Date Received: 10/09/24 17:15

## 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 |   |          | 10/09/24 19:31 | 4       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 4.0 | 0.84 | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,1,2-Trichloroethane                 | ND     |           | 4.0 | 0.92 | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 4.0 | 1.2  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,1-Dichloroethane                    | ND     |           | 4.0 | 1.5  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,1-Dichloroethene                    | ND     |           | 4.0 | 1.2  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,2,4-Trichlorobenzene                | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,2-Dichlorobenzene                   | ND     |           | 4.0 | 3.2  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,2-Dichloroethane                    | ND     |           | 4.0 | 0.84 | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,2-Dichloropropane                   | ND     |           | 4.0 | 2.9  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,3-Dichlorobenzene                   | ND     |           | 4.0 | 3.1  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,4-Dichlorobenzene                   | ND     |           | 4.0 | 3.4  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 2-Butanone (MEK)                      | ND     |           | 40  | 5.3  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 2-Hexanone                            | ND     |           | 20  | 5.0  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 20  | 8.4  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Acetone                               | ND     |           | 40  | 12   | ug/L |   |          | 10/09/24 19:31 | 4       |
| Benzene                               | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Bromodichloromethane                  | ND     |           | 4.0 | 1.6  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Bromoform                             | ND     |           | 4.0 | 1.0  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Bromomethane                          | ND     |           | 4.0 | 2.8  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Carbon disulfide                      | ND     |           | 4.0 | 0.76 | ug/L |   |          | 10/09/24 19:31 | 4       |
| Carbon tetrachloride                  | ND     |           | 4.0 | 1.1  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Chlorobenzene                         | ND     |           | 4.0 | 3.0  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Dibromochloromethane                  | ND     |           | 4.0 | 1.3  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Chloroethane                          | ND     |           | 4.0 | 1.3  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Chloroform                            | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Chloromethane                         | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/09/24 19:31 | 4       |
| cis-1,2-Dichloroethene                | 31     |           | 4.0 | 3.2  | ug/L |   |          | 10/09/24 19:31 | 4       |
| cis-1,3-Dichloropropene               | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Cyclohexane                           | ND     |           | 4.0 | 0.72 | ug/L |   |          | 10/09/24 19:31 | 4       |
| Dichlorodifluoromethane               | ND     |           | 4.0 | 2.7  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Ethylbenzene                          | ND     |           | 4.0 | 3.0  | ug/L |   |          | 10/09/24 19:31 | 4       |
| 1,2-Dibromoethane                     | ND     |           | 4.0 | 2.9  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Isopropylbenzene                      | ND     |           | 4.0 | 3.2  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Methyl acetate                        | ND     |           | 10  | 5.2  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Methyl tert-butyl ether               | ND     |           | 4.0 | 0.64 | ug/L |   |          | 10/09/24 19:31 | 4       |
| Methylcyclohexane                     | ND     |           | 4.0 | 0.64 | ug/L |   |          | 10/09/24 19:31 | 4       |
| Methylene Chloride                    | ND     |           | 4.0 | 1.8  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Styrene                               | ND     |           | 4.0 | 2.9  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Tetrachloroethene                     | ND     |           | 4.0 | 1.4  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Toluene                               | ND     |           | 4.0 | 2.0  | ug/L |   |          | 10/09/24 19:31 | 4       |
| trans-1,2-Dichloroethene              | ND     |           | 4.0 | 3.6  | ug/L |   |          | 10/09/24 19:31 | 4       |
| trans-1,3-Dichloropropene             | ND     |           | 4.0 | 1.5  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Trichloroethene                       | ND     |           | 4.0 | 1.8  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Trichlorofluoromethane                | ND     |           | 4.0 | 3.5  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Vinyl chloride                        | ND     |           | 4.0 | 3.6  | ug/L |   |          | 10/09/24 19:31 | 4       |
| Xylenes, Total                        | ND     |           | 8.0 | 2.6  | ug/L |   |          | 10/09/24 19:31 | 4       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: AL-GP16-S**  
**Date Collected: 10/08/24 12:40**  
**Date Received: 10/09/24 17:15**

**Lab Sample ID: 480-224126-1**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 10/09/24 19:31 | 4       |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 77 - 120 |          | 10/09/24 19:31 | 4       |
| 4-Bromofluorobenzene (Surr)  | 107       |           | 73 - 120 |          | 10/09/24 19:31 | 4       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 10/09/24 19:31 | 4       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 7.2    | B         | 1.0 | 0.43 | mg/L |   |          | 10/10/24 23:06 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-39D

Lab Sample ID: 480-224126-2

Date Collected: 10/08/24 11:00

Matrix: Water

Date Received: 10/09/24 17:15

## 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     |           | 8.0 | 6.6 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 8.0 | 1.7 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,1,2-Trichloroethane                 | ND     |           | 8.0 | 1.8 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 8.0 | 2.5 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,1-Dichloroethane                    | ND     |           | 8.0 | 3.0 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,1-Dichloroethene                    | ND     |           | 8.0 | 2.3 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,2,4-Trichlorobenzene                | ND     |           | 8.0 | 3.3 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 8.0 | 3.1 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,2-Dichlorobenzene                   | ND     |           | 8.0 | 6.3 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,2-Dichloroethane                    | ND     |           | 8.0 | 1.7 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,2-Dichloropropane                   | ND     |           | 8.0 | 5.8 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,3-Dichlorobenzene                   | ND     |           | 8.0 | 6.2 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,4-Dichlorobenzene                   | ND     |           | 8.0 | 6.7 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 2-Butanone (MEK)                      | ND     |           | 80  | 11  | ug/L |   |          | 10/09/24 19:56 | 8       |
| 2-Hexanone                            | ND     |           | 40  | 9.9 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 40  | 17  | ug/L |   |          | 10/09/24 19:56 | 8       |
| Acetone                               | ND     |           | 80  | 24  | ug/L |   |          | 10/09/24 19:56 | 8       |
| Benzene                               | ND     |           | 8.0 | 3.3 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Bromodichloromethane                  | ND     |           | 8.0 | 3.1 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Bromoform                             | ND     |           | 8.0 | 2.1 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Bromomethane                          | ND     |           | 8.0 | 5.5 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Carbon disulfide                      | ND     |           | 8.0 | 1.5 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Carbon tetrachloride                  | ND     |           | 8.0 | 2.2 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Chlorobenzene                         | ND     |           | 8.0 | 6.0 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Dibromochloromethane                  | ND     |           | 8.0 | 2.6 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Chloroethane                          | ND     |           | 8.0 | 2.6 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Chloroform                            | ND     |           | 8.0 | 2.7 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Chloromethane                         | ND     |           | 8.0 | 2.8 | ug/L |   |          | 10/09/24 19:56 | 8       |
| cis-1,2-Dichloroethene                | ND     |           | 8.0 | 6.5 | ug/L |   |          | 10/09/24 19:56 | 8       |
| cis-1,3-Dichloropropene               | ND     |           | 8.0 | 2.9 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Cyclohexane                           | ND     |           | 8.0 | 1.4 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Dichlorodifluoromethane               | ND     |           | 8.0 | 5.4 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Ethylbenzene                          | ND     |           | 8.0 | 5.9 | ug/L |   |          | 10/09/24 19:56 | 8       |
| 1,2-Dibromoethane                     | ND     |           | 8.0 | 5.8 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Isopropylbenzene                      | ND     |           | 8.0 | 6.3 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Methyl acetate                        | ND     |           | 20  | 10  | ug/L |   |          | 10/09/24 19:56 | 8       |
| Methyl tert-butyl ether               | ND     |           | 8.0 | 1.3 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Methylcyclohexane                     | ND     |           | 8.0 | 1.3 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Methylene Chloride                    | ND     |           | 8.0 | 3.5 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Styrene                               | ND     |           | 8.0 | 5.8 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Tetrachloroethene                     | ND     |           | 8.0 | 2.9 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Toluene                               | ND     |           | 8.0 | 4.1 | ug/L |   |          | 10/09/24 19:56 | 8       |
| trans-1,2-Dichloroethene              | ND     |           | 8.0 | 7.2 | ug/L |   |          | 10/09/24 19:56 | 8       |
| trans-1,3-Dichloropropene             | ND     |           | 8.0 | 3.0 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Trichloroethene                       | ND     |           | 8.0 | 3.7 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Trichlorofluoromethane                | ND     |           | 8.0 | 7.0 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Vinyl chloride                        | ND     |           | 8.0 | 7.2 | ug/L |   |          | 10/09/24 19:56 | 8       |
| Xylenes, Total                        | ND     |           | 16  | 5.3 | ug/L |   |          | 10/09/24 19:56 | 8       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-39D**  
**Date Collected: 10/08/24 11:00**  
**Date Received: 10/09/24 17:15**

**Lab Sample ID: 480-224126-2**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 10/09/24 19:56 | 8       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 10/09/24 19:56 | 8       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 10/09/24 19:56 | 8       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 123 |          | 10/09/24 19:56 | 8       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 21.1   | B         | 1.0 | 0.43 | mg/L |   |          | 10/11/24 02:27 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-37D

Lab Sample ID: 480-224126-3

Date Collected: 10/08/24 09:40

Matrix: Water

Date Received: 10/09/24 17:15

## 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 |   |          | 10/09/24 20:21 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/09/24 20:21 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/09/24 20:21 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/09/24 20:21 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/09/24 20:21 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/09/24 20:21 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/09/24 20:21 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/09/24 20:21 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/09/24 20:21 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/09/24 20:21 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/09/24 20:21 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/09/24 20:21 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/09/24 20:21 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-37D**  
**Date Collected: 10/08/24 09:40**  
**Date Received: 10/09/24 17:15**

**Lab Sample ID: 480-224126-3**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 101       |           | 80 - 120 |          | 10/09/24 20:21 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 10/09/24 20:21 | 1       |
| 4-Bromofluorobenzene (Surr)  | 110       |           | 73 - 120 |          | 10/09/24 20:21 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 10/09/24 20:21 | 1       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 3.0    | B         | 1.0 | 0.43 | mg/L |   |          | 10/11/24 02:57 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: AL-GP15-S

Lab Sample ID: 480-224126-4

Date Collected: 10/08/24 14:00

Matrix: Water

Date Received: 10/09/24 17:15

## 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 |   |          | 10/09/24 20:46 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/09/24 20:46 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/09/24 20:46 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/09/24 20:46 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/09/24 20:46 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/09/24 20:46 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/09/24 20:46 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/09/24 20:46 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/09/24 20:46 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/09/24 20:46 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/09/24 20:46 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/09/24 20:46 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/09/24 20:46 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: AL-GP15-S

Lab Sample ID: 480-224126-4

Date Collected: 10/08/24 14:00

Matrix: Water

Date Received: 10/09/24 17:15

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 10/09/24 20:46 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 77 - 120 |          | 10/09/24 20:46 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 10/09/24 20:46 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 10/09/24 20:46 | 1       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 8.4    | B         | 1.0 | 0.43 | mg/L |   |          | 10/11/24 03:25 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: CB-1

Lab Sample ID: 480-224180-1

Date Collected: 10/09/24 07:30

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/10/24 20:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/10/24 20:04 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/10/24 20:04 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/10/24 20:04 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/10/24 20:04 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Chloroethane                          | ND     | +         | 1.0 | 0.32 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Chloromethane                         | ND     | +         | 1.0 | 0.35 | ug/L |   |          | 10/10/24 20:04 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/10/24 20:04 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/10/24 20:04 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/10/24 20:04 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/10/24 20:04 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/10/24 20:04 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Vinyl chloride                        | ND     | +         | 1.0 | 0.90 | ug/L |   |          | 10/10/24 20:04 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/10/24 20:04 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: CB-1**  
**Date Collected: 10/09/24 07:30**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-1**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 10/10/24 20:04 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 106       |           | 77 - 120 |          | 10/10/24 20:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 73 - 120 |          | 10/10/24 20:04 | 1       |
| Dibromofluoromethane (Surr)  | 111       |           | 75 - 123 |          | 10/10/24 20:04 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: CB-2

Lab Sample ID: 480-224180-2

Date Collected: 10/09/24 08:00

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/14/24 15:27 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,1-Dichloroethane                    | 10     |           | 1.0 | 0.38 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/14/24 15:27 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/14/24 15:27 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/14/24 15:27 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/14/24 15:27 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Chloroethane                          | 9.8    |           | 1.0 | 0.32 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/14/24 15:27 | 1       |
| cis-1,2-Dichloroethene                | 1.8    |           | 1.0 | 0.81 | ug/L |   |          | 10/14/24 15:27 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/14/24 15:27 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/14/24 15:27 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/14/24 15:27 | 1       |
| trans-1,2-Dichloroethene              | 2.4    |           | 1.0 | 0.90 | ug/L |   |          | 10/14/24 15:27 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Trichloroethene                       | 0.94 J |           | 1.0 | 0.46 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/14/24 15:27 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/14/24 15:27 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: CB-2**  
**Date Collected: 10/09/24 08:00**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-2**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 10/14/24 15:27 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 77 - 120 |          | 10/14/24 15:27 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 73 - 120 |          | 10/14/24 15:27 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 123 |          | 10/14/24 15:27 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: CB-3

Lab Sample ID: 480-224180-3

Date Collected: 10/09/24 07:10

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/10/24 19:19 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/10/24 19:19 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/10/24 19:19 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/10/24 19:19 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/10/24 19:19 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Chloroethane                          | ND     | +         | 1.0 | 0.32 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Chloromethane                         | ND     | +         | 1.0 | 0.35 | ug/L |   |          | 10/10/24 19:19 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/10/24 19:19 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/10/24 19:19 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/10/24 19:19 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Methylcyclohexane                     | 0.64   | J         | 1.0 | 0.16 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/10/24 19:19 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/10/24 19:19 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Vinyl chloride                        | ND     | +         | 1.0 | 0.90 | ug/L |   |          | 10/10/24 19:19 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/10/24 19:19 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: CB-3**  
**Date Collected: 10/09/24 07:10**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-3**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 10/10/24 19:19 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 77 - 120 |          | 10/10/24 19:19 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 73 - 120 |          | 10/10/24 19:19 | 1       |
| Dibromofluoromethane (Surr)  | 114       |           | 75 - 123 |          | 10/10/24 19:19 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: CB-4

Lab Sample ID: 480-224180-4

Date Collected: 10/09/24 08:20

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/10/24 18:57 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,1-Dichloroethane                    | 1.0    |           | 1.0 | 0.38 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/10/24 18:57 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/10/24 18:57 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/10/24 18:57 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/10/24 18:57 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Chloroethane                          | 0.66   | J**       | 1.0 | 0.32 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Chloromethane                         | ND     | **        | 1.0 | 0.35 | ug/L |   |          | 10/10/24 18:57 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/10/24 18:57 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/10/24 18:57 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/10/24 18:57 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/10/24 18:57 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/10/24 18:57 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Vinyl chloride                        | ND     | **        | 1.0 | 0.90 | ug/L |   |          | 10/10/24 18:57 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/10/24 18:57 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: CB-4**  
**Date Collected: 10/09/24 08:20**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-4**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 97        |           | 80 - 120 |          | 10/10/24 18:57 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 106       |           | 77 - 120 |          | 10/10/24 18:57 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 73 - 120 |          | 10/10/24 18:57 | 1       |
| Dibromofluoromethane (Surr)  | 113       |           | 75 - 123 |          | 10/10/24 18:57 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: CB-E

Lab Sample ID: 480-224180-5

Date Collected: 10/09/24 08:10

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/10/24 18:34 | 1       |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/10/24 18:34 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/10/24 18:34 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/10/24 18:34 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/10/24 18:34 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Chloroethane                          | 0.45   | J**       | 1.0 | 0.32 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Chloromethane                         | ND     | **        | 1.0 | 0.35 | ug/L |   |          | 10/10/24 18:34 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/10/24 18:34 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/10/24 18:34 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/10/24 18:34 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/10/24 18:34 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/10/24 18:34 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Vinyl chloride                        | ND     | **        | 1.0 | 0.90 | ug/L |   |          | 10/10/24 18:34 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/10/24 18:34 | 1       |

Eurofins Buffalo

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: CB-E**  
**Date Collected: 10/09/24 08:10**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-5**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 10/10/24 18:34 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 77 - 120 |          | 10/10/24 18:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 73 - 120 |          | 10/10/24 18:34 | 1       |
| Dibromofluoromethane (Surr)  | 116       |           | 75 - 123 |          | 10/10/24 18:34 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: TP-5

Lab Sample ID: 480-224180-6

Date Collected: 10/09/24 07:40

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/10/24 18:12 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 3.9    |           | 1.0 | 0.31 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,1-Dichloroethane                    | 1.2    |           | 1.0 | 0.38 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,1-Dichloroethene                    | 0.62   | J         | 1.0 | 0.29 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/10/24 18:12 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/10/24 18:12 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/10/24 18:12 | 1       |
| Acetone                               | 4.6    | J         | 10  | 3.0  | ug/L |   |          | 10/10/24 18:12 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Chloroethane                          | ND     | *+        | 1.0 | 0.32 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Chloroform                            | 0.45   | J         | 1.0 | 0.34 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Chloromethane                         | ND     | *+        | 1.0 | 0.35 | ug/L |   |          | 10/10/24 18:12 | 1       |
| cis-1,2-Dichloroethene                | 1.1    |           | 1.0 | 0.81 | ug/L |   |          | 10/10/24 18:12 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/10/24 18:12 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/10/24 18:12 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Methylcyclohexane                     | 0.74   | J         | 1.0 | 0.16 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/10/24 18:12 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/10/24 18:12 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Trichloroethene                       | 0.67   | J         | 1.0 | 0.46 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Vinyl chloride                        | ND     | *+        | 1.0 | 0.90 | ug/L |   |          | 10/10/24 18:12 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/10/24 18:12 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: TP-5**  
**Date Collected: 10/09/24 07:40**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-6**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 10/10/24 18:12 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 10/10/24 18:12 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 73 - 120 |          | 10/10/24 18:12 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 10/10/24 18:12 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: TP-6

Lab Sample ID: 480-224180-7

Date Collected: 10/09/24 07:20

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/11/24 14:57 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/11/24 14:57 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/11/24 14:57 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/11/24 14:57 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/11/24 14:57 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/11/24 14:57 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/11/24 14:57 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/11/24 14:57 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/11/24 14:57 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/11/24 14:57 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 14:57 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 14:57 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/11/24 14:57 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: TP-6**  
**Date Collected: 10/09/24 07:20**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-7**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 97        |           | 80 - 120 |          | 10/11/24 14:57 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 77 - 120 |          | 10/11/24 14:57 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 73 - 120 |          | 10/11/24 14:57 | 1       |
| Dibromofluoromethane (Surr)  | 111       |           | 75 - 123 |          | 10/11/24 14:57 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP14-S

Lab Sample ID: 480-224184-1

Date Collected: 10/09/24 13:25

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/11/24 15:20 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND         |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,1,2-Trichloroethane                 | ND         |           | 1.0 | 0.23 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND         |           | 1.0 | 0.31 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,1-Dichloroethane                    | ND         |           | 1.0 | 0.38 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,1-Dichloroethene                    | ND         |           | 1.0 | 0.29 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,2,4-Trichlorobenzene                | ND         |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND         |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,2-Dichlorobenzene                   | ND         |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,2-Dichloroethane                    | ND         |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,2-Dichloropropane                   | ND         |           | 1.0 | 0.72 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,3-Dichlorobenzene                   | ND         |           | 1.0 | 0.78 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,4-Dichlorobenzene                   | ND         |           | 1.0 | 0.84 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 2-Butanone (MEK)                      | ND         |           | 10  | 1.3  | ug/L |   |          | 10/11/24 15:20 | 1       |
| 2-Hexanone                            | ND         |           | 5.0 | 1.2  | ug/L |   |          | 10/11/24 15:20 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND         |           | 5.0 | 2.1  | ug/L |   |          | 10/11/24 15:20 | 1       |
| Acetone                               | ND         |           | 10  | 3.0  | ug/L |   |          | 10/11/24 15:20 | 1       |
| <b>Benzene</b>                        | <b>2.1</b> |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Bromodichloromethane                  | ND         |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Bromoform                             | ND         |           | 1.0 | 0.26 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Bromomethane                          | ND         |           | 1.0 | 0.69 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Carbon disulfide                      | ND         |           | 1.0 | 0.19 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Carbon tetrachloride                  | ND         |           | 1.0 | 0.27 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Chlorobenzene                         | ND         |           | 1.0 | 0.75 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Dibromochloromethane                  | ND         |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Chloroethane                          | ND         |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Chloroform                            | ND         |           | 1.0 | 0.34 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Chloromethane                         | ND         |           | 1.0 | 0.35 | ug/L |   |          | 10/11/24 15:20 | 1       |
| cis-1,2-Dichloroethene                | ND         |           | 1.0 | 0.81 | ug/L |   |          | 10/11/24 15:20 | 1       |
| cis-1,3-Dichloropropene               | ND         |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Cyclohexane                           | ND         |           | 1.0 | 0.18 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Dichlorodifluoromethane               | ND         |           | 1.0 | 0.68 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Ethylbenzene                          | ND         |           | 1.0 | 0.74 | ug/L |   |          | 10/11/24 15:20 | 1       |
| 1,2-Dibromoethane                     | ND         |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Isopropylbenzene                      | ND         |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Methyl acetate                        | ND         |           | 2.5 | 1.3  | ug/L |   |          | 10/11/24 15:20 | 1       |
| Methyl tert-butyl ether               | ND         |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Methylcyclohexane                     | ND         |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Methylene Chloride                    | ND         |           | 1.0 | 0.44 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Styrene                               | ND         |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Tetrachloroethene                     | ND         |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Toluene                               | ND         |           | 1.0 | 0.51 | ug/L |   |          | 10/11/24 15:20 | 1       |
| trans-1,2-Dichloroethene              | ND         |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 15:20 | 1       |
| trans-1,3-Dichloropropene             | ND         |           | 1.0 | 0.37 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Trichloroethene                       | ND         |           | 1.0 | 0.46 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Trichlorofluoromethane                | ND         |           | 1.0 | 0.88 | ug/L |   |          | 10/11/24 15:20 | 1       |
| <b>Vinyl chloride</b>                 | <b>1.3</b> |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 15:20 | 1       |
| Xylenes, Total                        | ND         |           | 2.0 | 0.66 | ug/L |   |          | 10/11/24 15:20 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: A1-GP14-S**  
**Date Collected: 10/09/24 13:25**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224184-1**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 10/11/24 15:20 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 10/11/24 15:20 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 73 - 120 |          | 10/11/24 15:20 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 10/11/24 15:20 | 1       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 5.3    | B         | 1.0 | 0.43 | mg/L |   |          | 10/12/24 09:38 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP02-S

Lab Sample ID: 480-224184-2

Date Collected: 10/09/24 14:00

Matrix: Water

Date Received: 10/09/24 16:00

## 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          |           | 50  | 41  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 50  | 11  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,1,2-Trichloroethane                 | ND          |           | 50  | 12  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 50  | 16  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,1-Dichloroethane                    | ND          |           | 50  | 19  | ug/L |   |          | 10/11/24 15:42 | 50      |
| <b>1,1-Dichloroethene</b>             | <b>30</b>   | <b>J</b>  | 50  | 15  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,2,4-Trichlorobenzene                | ND          |           | 50  | 21  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 50  | 20  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,2-Dichlorobenzene                   | ND          |           | 50  | 40  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,2-Dichloroethane                    | ND          |           | 50  | 11  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,2-Dichloropropane                   | ND          |           | 50  | 36  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,3-Dichlorobenzene                   | ND          |           | 50  | 39  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,4-Dichlorobenzene                   | ND          |           | 50  | 42  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 2-Butanone (MEK)                      | ND          |           | 500 | 66  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 2-Hexanone                            | ND          |           | 250 | 62  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 250 | 110 | ug/L |   |          | 10/11/24 15:42 | 50      |
| Acetone                               | ND          |           | 500 | 150 | ug/L |   |          | 10/11/24 15:42 | 50      |
| Benzene                               | ND          |           | 50  | 21  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Bromodichloromethane                  | ND          |           | 50  | 20  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Bromoform                             | ND          |           | 50  | 13  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Bromomethane                          | ND          |           | 50  | 35  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Carbon disulfide                      | ND          |           | 50  | 9.5 | ug/L |   |          | 10/11/24 15:42 | 50      |
| Carbon tetrachloride                  | ND          |           | 50  | 14  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Chlorobenzene                         | ND          |           | 50  | 38  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Dibromochloromethane                  | ND          |           | 50  | 16  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Chloroethane                          | ND          |           | 50  | 16  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Chloroform                            | ND          |           | 50  | 17  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Chloromethane                         | ND          |           | 50  | 18  | ug/L |   |          | 10/11/24 15:42 | 50      |
| <b>cis-1,2-Dichloroethene</b>         | <b>7300</b> | <b>E</b>  | 50  | 41  | ug/L |   |          | 10/11/24 15:42 | 50      |
| cis-1,3-Dichloropropene               | ND          |           | 50  | 18  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Cyclohexane                           | ND          |           | 50  | 9.0 | ug/L |   |          | 10/11/24 15:42 | 50      |
| Dichlorodifluoromethane               | ND          |           | 50  | 34  | ug/L |   |          | 10/11/24 15:42 | 50      |
| <b>Ethylbenzene</b>                   | <b>38</b>   | <b>J</b>  | 50  | 37  | ug/L |   |          | 10/11/24 15:42 | 50      |
| 1,2-Dibromoethane                     | ND          |           | 50  | 37  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Isopropylbenzene                      | ND          |           | 50  | 40  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Methyl acetate                        | ND          |           | 130 | 65  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Methyl tert-butyl ether               | ND          |           | 50  | 8.0 | ug/L |   |          | 10/11/24 15:42 | 50      |
| Methylcyclohexane                     | ND          |           | 50  | 8.0 | ug/L |   |          | 10/11/24 15:42 | 50      |
| Methylene Chloride                    | ND          |           | 50  | 22  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Styrene                               | ND          |           | 50  | 37  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Tetrachloroethene                     | ND          |           | 50  | 18  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Toluene                               | ND          |           | 50  | 26  | ug/L |   |          | 10/11/24 15:42 | 50      |
| trans-1,2-Dichloroethene              | ND          |           | 50  | 45  | ug/L |   |          | 10/11/24 15:42 | 50      |
| trans-1,3-Dichloropropene             | ND          |           | 50  | 19  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Trichloroethene                       | ND          |           | 50  | 23  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Trichlorofluoromethane                | ND          |           | 50  | 44  | ug/L |   |          | 10/11/24 15:42 | 50      |
| <b>Vinyl chloride</b>                 | <b>3900</b> |           | 50  | 45  | ug/L |   |          | 10/11/24 15:42 | 50      |
| Xylenes, Total                        | ND          |           | 100 | 33  | ug/L |   |          | 10/11/24 15:42 | 50      |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP02-S

Lab Sample ID: 480-224184-2

Date Collected: 10/09/24 14:00

Matrix: Water

Date Received: 10/09/24 16:00

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 10/11/24 15:42 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 10/11/24 15:42 | 50      |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 73 - 120 |          | 10/11/24 15:42 | 50      |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 123 |          | 10/11/24 15:42 | 50      |

## 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     |           | 100  | 82  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 100  | 21  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,1,2-Trichloroethane                 | ND     |           | 100  | 23  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 100  | 31  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,1-Dichloroethane                    | ND     |           | 100  | 38  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,1-Dichloroethene                    | ND     |           | 100  | 29  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,2,4-Trichlorobenzene                | ND     |           | 100  | 41  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 100  | 39  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,2-Dichlorobenzene                   | ND     |           | 100  | 79  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,2-Dichloroethane                    | ND     |           | 100  | 21  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,2-Dichloropropane                   | ND     |           | 100  | 72  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,3-Dichlorobenzene                   | ND     |           | 100  | 78  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,4-Dichlorobenzene                   | ND     |           | 100  | 84  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 2-Butanone (MEK)                      | ND     |           | 1000 | 130 | ug/L |   |          | 10/15/24 14:33 | 100     |
| 2-Hexanone                            | ND     |           | 500  | 120 | ug/L |   |          | 10/15/24 14:33 | 100     |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 500  | 210 | ug/L |   |          | 10/15/24 14:33 | 100     |
| Acetone                               | ND     |           | 1000 | 300 | ug/L |   |          | 10/15/24 14:33 | 100     |
| Benzene                               | ND     |           | 100  | 41  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Bromodichloromethane                  | ND     |           | 100  | 39  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Bromoform                             | ND     |           | 100  | 26  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Bromomethane                          | ND     |           | 100  | 69  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Carbon disulfide                      | ND     |           | 100  | 19  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Carbon tetrachloride                  | ND     |           | 100  | 27  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Chlorobenzene                         | ND     |           | 100  | 75  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Dibromochloromethane                  | ND     |           | 100  | 32  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Chloroethane                          | ND     |           | 100  | 32  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Chloroform                            | ND     |           | 100  | 34  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Chloromethane                         | ND     |           | 100  | 35  | ug/L |   |          | 10/15/24 14:33 | 100     |
| cis-1,2-Dichloroethene                | 9200   |           | 100  | 81  | ug/L |   |          | 10/15/24 14:33 | 100     |
| cis-1,3-Dichloropropene               | ND     |           | 100  | 36  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Cyclohexane                           | ND     |           | 100  | 18  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Dichlorodifluoromethane               | ND     |           | 100  | 68  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Ethylbenzene                          | ND     |           | 100  | 74  | ug/L |   |          | 10/15/24 14:33 | 100     |
| 1,2-Dibromoethane                     | ND     |           | 100  | 73  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Isopropylbenzene                      | ND     |           | 100  | 79  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Methyl acetate                        | ND     |           | 250  | 130 | ug/L |   |          | 10/15/24 14:33 | 100     |
| Methyl tert-butyl ether               | ND     |           | 100  | 16  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Methylcyclohexane                     | ND     |           | 100  | 16  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Methylene Chloride                    | ND     |           | 100  | 44  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Styrene                               | ND     |           | 100  | 73  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Tetrachloroethene                     | ND     |           | 100  | 36  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Toluene                               | ND     |           | 100  | 51  | ug/L |   |          | 10/15/24 14:33 | 100     |
| trans-1,2-Dichloroethene              | ND     |           | 100  | 90  | ug/L |   |          | 10/15/24 14:33 | 100     |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP02-S

Lab Sample ID: 480-224184-2

Date Collected: 10/09/24 14:00

Matrix: Water

Date Received: 10/09/24 16:00

## 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     |           | 100 | 37  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Trichloroethene           | ND     |           | 100 | 46  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Trichlorofluoromethane    | ND     |           | 100 | 88  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Vinyl chloride            | 4200   |           | 100 | 90  | ug/L |   |          | 10/15/24 14:33 | 100     |
| Xylenes, Total            | ND     |           | 200 | 66  | ug/L |   |          | 10/15/24 14:33 | 100     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 10/15/24 14:33 | 100     |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 10/15/24 14:33 | 100     |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 10/15/24 14:33 | 100     |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 123 |          | 10/15/24 14:33 | 100     |

## 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 |   |          | 10/12/24 19:54 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-30

Lab Sample ID: 480-224184-3

Date Collected: 10/09/24 09:25

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/11/24 16:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 10/11/24 16:04 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/11/24 16:04 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/11/24 16:04 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 10/11/24 16:04 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/11/24 16:04 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/11/24 16:04 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/11/24 16:04 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/11/24 16:04 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/11/24 16:04 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 16:04 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 16:04 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/11/24 16:04 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-30**  
**Date Collected: 10/09/24 09:25**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224184-3**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 10/11/24 16:04 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 10/11/24 16:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 73 - 120 |          | 10/11/24 16:04 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 123 |          | 10/11/24 16:04 | 1       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 1.9    |           | 1.0 | 0.43 | mg/L |   |          | 10/12/24 23:07 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: MW-43

Lab Sample ID: 480-224184-4

Date Collected: 10/09/24 13:05

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/11/24 16:27 | 2       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 2.0 | 0.42 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.0 | 0.46 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 2.0 | 0.62 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,1-Dichloroethane                    | ND     |           | 2.0 | 0.76 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,1-Dichloroethene                    | ND     |           | 2.0 | 0.58 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,2,4-Trichlorobenzene                | ND     |           | 2.0 | 0.82 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 2.0 | 0.78 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,2-Dichlorobenzene                   | ND     |           | 2.0 | 1.6  | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,2-Dichloroethane                    | ND     |           | 2.0 | 0.42 | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,2-Dichloropropane                   | ND     |           | 2.0 | 1.4  | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,3-Dichlorobenzene                   | ND     |           | 2.0 | 1.6  | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,4-Dichlorobenzene                   | ND     |           | 2.0 | 1.7  | ug/L |   |          | 10/11/24 16:27 | 2       |
| 2-Butanone (MEK)                      | ND     |           | 20  | 2.6  | ug/L |   |          | 10/11/24 16:27 | 2       |
| 2-Hexanone                            | ND     |           | 10  | 2.5  | ug/L |   |          | 10/11/24 16:27 | 2       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 4.2  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Acetone                               | ND     |           | 20  | 6.0  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Benzene                               | 1.6    | J         | 2.0 | 0.82 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Bromodichloromethane                  | ND     |           | 2.0 | 0.78 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Bromoform                             | ND     |           | 2.0 | 0.52 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Bromomethane                          | ND     |           | 2.0 | 1.4  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Carbon disulfide                      | ND     |           | 2.0 | 0.38 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Carbon tetrachloride                  | ND     |           | 2.0 | 0.54 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Chlorobenzene                         | ND     |           | 2.0 | 1.5  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Dibromochloromethane                  | ND     |           | 2.0 | 0.64 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Chloroethane                          | ND     |           | 2.0 | 0.64 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Chloroform                            | ND     |           | 2.0 | 0.68 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Chloromethane                         | ND     |           | 2.0 | 0.70 | ug/L |   |          | 10/11/24 16:27 | 2       |
| cis-1,2-Dichloroethene                | ND     |           | 2.0 | 1.6  | ug/L |   |          | 10/11/24 16:27 | 2       |
| cis-1,3-Dichloropropene               | ND     |           | 2.0 | 0.72 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Cyclohexane                           | ND     |           | 2.0 | 0.36 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Dichlorodifluoromethane               | ND     |           | 2.0 | 1.4  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Ethylbenzene                          | ND     |           | 2.0 | 1.5  | ug/L |   |          | 10/11/24 16:27 | 2       |
| 1,2-Dibromoethane                     | ND     |           | 2.0 | 1.5  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Isopropylbenzene                      | ND     |           | 2.0 | 1.6  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Methyl acetate                        | ND     |           | 5.0 | 2.6  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Methyl tert-butyl ether               | ND     |           | 2.0 | 0.32 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Methylcyclohexane                     | 1.4    | J         | 2.0 | 0.32 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Methylene Chloride                    | ND     |           | 2.0 | 0.88 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Styrene                               | ND     |           | 2.0 | 1.5  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Tetrachloroethene                     | ND     |           | 2.0 | 0.72 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Toluene                               | ND     |           | 2.0 | 1.0  | ug/L |   |          | 10/11/24 16:27 | 2       |
| trans-1,2-Dichloroethene              | ND     |           | 2.0 | 1.8  | ug/L |   |          | 10/11/24 16:27 | 2       |
| trans-1,3-Dichloropropene             | ND     |           | 2.0 | 0.74 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Trichloroethene                       | ND     |           | 2.0 | 0.92 | ug/L |   |          | 10/11/24 16:27 | 2       |
| Trichlorofluoromethane                | ND     |           | 2.0 | 1.8  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Vinyl chloride                        | ND     |           | 2.0 | 1.8  | ug/L |   |          | 10/11/24 16:27 | 2       |
| Xylenes, Total                        | ND     |           | 4.0 | 1.3  | ug/L |   |          | 10/11/24 16:27 | 2       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-43**  
**Date Collected: 10/09/24 13:05**  
**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224184-4**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 10/11/24 16:27 | 2       |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 77 - 120 |          | 10/11/24 16:27 | 2       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 73 - 120 |          | 10/11/24 16:27 | 2       |
| Dibromofluoromethane (Surr)  | 103       |           | 75 - 123 |          | 10/11/24 16:27 | 2       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 8.6    |           | 1.0 | 0.43 | mg/L |   |          | 10/12/24 23:35 | 1       |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP09-S

Lab Sample ID: 480-224184-5

Date Collected: 10/09/24 09:50

Matrix: Water

Date Received: 10/09/24 16:00

## 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 |   |          | 10/11/24 16:49 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 2-Butanone (MEK)                      | 13     |           | 10  | 1.3  | ug/L |   |          | 10/11/24 16:49 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 10/11/24 16:49 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 10/11/24 16:49 | 1       |
| Acetone                               | 18     |           | 10  | 3.0  | ug/L |   |          | 10/11/24 16:49 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 10/11/24 16:49 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 10/11/24 16:49 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 10/11/24 16:49 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 10/11/24 16:49 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 10/11/24 16:49 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 16:49 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 10/11/24 16:49 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 10/11/24 16:49 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

Client Sample ID: A1-GP09-S

Lab Sample ID: 480-224184-5

Date Collected: 10/09/24 09:50

Matrix: Water

Date Received: 10/09/24 16:00

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 10/11/24 16:49 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 77 - 120 |          | 10/11/24 16:49 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 73 - 120 |          | 10/11/24 16:49 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 123 |          | 10/11/24 16:49 | 1       |

| General Chemistry                  |        |           |     |      |      |   |          |                |         |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 18.2   |           | 1.0 | 0.43 | mg/L |   |          | 10/13/24 00:03 | 1       |

# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-40D**

**Date Collected: 10/04/24 10:55**

**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 40              | 727327       | ERS     | EET BUF | 10/08/24 05:43       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 209688       | RMG     | EET BUR | 10/15/24 14:24       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 727440       | MAN     | EET BUF | 10/08/24 12:25       |
| Total/NA  | Analysis   | RSK-175      | DL  | 110             | 727440       | MAN     | EET BUF | 10/08/24 15:37       |
| Total/NA  | Analysis   | 300.0        |     | 5               | 727480       | AF      | EET BUF | 10/09/24 02:38       |
| Total/NA  | Analysis   | 310.2        |     | 10              | 727517       | CG      | EET BUF | 10/08/24 12:54       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727625       | KB      | EET BUF | 10/09/24 11:11       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727638       | KB      | EET BUF | 10/09/24 11:11       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 727560       | AF      | EET BUF | 10/08/24 00:31       |
| Dissolved | Filtration | Filtration   |     |                 | 727700       | CG      | EET BUF | 10/08/24 13:11       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 727518       | CG      | EET BUF | 10/08/24 13:35       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 727702       | AM      | EET BUF | 10/09/24 12:56       |

**Client Sample ID: Trip Blank**

**Date Collected: 10/04/24 07:30**

**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727327       | ERS     | EET BUF | 10/08/24 06:07       |

**Client Sample ID: MW-42S**

**Date Collected: 10/04/24 12:45**

**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 200             | 727327       | ERS     | EET BUF | 10/08/24 06:32       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 209688       | RMG     | EET BUR | 10/15/24 14:33       |
| Total/NA  | Analysis   | RSK-175      |     | 110             | 727440       | MAN     | EET BUF | 10/08/24 12:44       |
| Total/NA  | Analysis   | 300.0        |     | 5               | 727480       | AF      | EET BUF | 10/09/24 02:52       |
| Total/NA  | Analysis   | 310.2        |     | 10              | 727517       | CG      | EET BUF | 10/08/24 12:54       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727625       | KB      | EET BUF | 10/09/24 11:11       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727638       | KB      | EET BUF | 10/09/24 11:11       |
| Total/NA  | Analysis   | 9060A        |     | 10              | 728153       | AF      | EET BUF | 10/12/24 03:24       |
| Dissolved | Filtration | Filtration   |     |                 | 727700       | CG      | EET BUF | 10/08/24 13:11       |
| Dissolved | Analysis   | SM 3500 FE D |     | 10              | 727518       | CG      | EET BUF | 10/08/24 14:04       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 727702       | AM      | EET BUF | 10/09/24 12:56       |

**Client Sample ID: Rinse Blank**

**Date Collected: 10/04/24 09:30**

**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727327       | ERS     | EET BUF | 10/08/24 06:57       |

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# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: MW-44S**

**Date Collected: 10/04/24 15:20**

**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727327       | ERS     | EET BUF | 10/08/24 07:22       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 727899       | AF      | EET BUF | 10/10/24 01:09       |

**Client Sample ID: Duplicate**

**Date Collected: 10/04/24 08:00**

**Date Received: 10/04/24 16:13**

**Lab Sample ID: 480-224028-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727413       | ERS     | EET BUF | 10/08/24 21:03       |

**Client Sample ID: MW-38D**

**Date Collected: 10/07/24 11:05**

**Date Received: 10/07/24 16:10**

**Lab Sample ID: 480-224085-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 4               | 727426       | AD      | EET BUF | 10/08/24 21:22       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 209688       | RMG     | EET BUR | 10/15/24 14:42       |
| Total/NA  | Analysis   | RSK-175      |     | 22              | 727440       | MAN     | EET BUF | 10/08/24 14:21       |
| Total/NA  | Analysis   | RSK-175      | DL  | 220             | 727552       | MAN     | EET BUF | 10/09/24 09:15       |
| Total/NA  | Analysis   | 300.0        |     | 5               | 727484       | AF      | EET BUF | 10/08/24 19:23       |
| Total/NA  | Analysis   | 310.2        |     | 10              | 727882       | CG      | EET BUF | 10/10/24 11:49       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727625       | KB      | EET BUF | 10/08/24 20:01       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727638       | KB      | EET BUF | 10/08/24 20:01       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 727899       | AF      | EET BUF | 10/10/24 17:47       |
| Dissolved | Filtration | Filtration   |     |                 | 727700       | CG      | EET BUF | 10/08/24 13:11       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 727518       | CG      | EET BUF | 10/08/24 13:36       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 727702       | AM      | EET BUF | 10/09/24 12:56       |

**Client Sample ID: MW-36S**

**Date Collected: 10/07/24 14:35**

**Date Received: 10/07/24 16:10**

**Lab Sample ID: 480-224085-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727426       | AD      | EET BUF | 10/08/24 21:44       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 727899       | AF      | EET BUF | 10/10/24 18:15       |

**Client Sample ID: TRIP BLANK-0100724**

**Date Collected: 10/07/24 07:30**

**Date Received: 10/07/24 16:10**

**Lab Sample ID: 480-224085-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727426       | AD      | EET BUF | 10/08/24 22:06       |

Eurofins Buffalo

# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: A1-GP18-S**

**Lab Sample ID: 480-224085-4**

**Date Collected: 10/07/24 12:30**

**Matrix: Water**

**Date Received: 10/07/24 16:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727426       | AD      | EET BUF | 10/08/24 22:29       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 209688       | RMG     | EET BUR | 10/15/24 14:52       |
| Total/NA  | Analysis   | RSK-175      |     | 22              | 727440       | MAN     | EET BUF | 10/08/24 14:40       |
| Total/NA  | Analysis   | RSK-175      | DL  | 220             | 727552       | MAN     | EET BUF | 10/09/24 09:34       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 727484       | AF      | EET BUF | 10/08/24 19:38       |
| Total/NA  | Analysis   | 310.2        |     | 5               | 727882       | CG      | EET BUF | 10/10/24 10:34       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727625       | KB      | EET BUF | 10/08/24 20:01       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727638       | KB      | EET BUF | 10/08/24 20:01       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 727899       | AF      | EET BUF | 10/10/24 18:43       |
| Dissolved | Filtration | Filtration   |     |                 | 727700       | CG      | EET BUF | 10/08/24 13:11       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 727518       | CG      | EET BUF | 10/08/24 13:37       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 727702       | AM      | EET BUF | 10/09/24 12:56       |

**Client Sample ID: A1-GP06-S**

**Lab Sample ID: 480-224085-5**

**Date Collected: 10/07/24 09:00**

**Matrix: Water**

**Date Received: 10/07/24 16:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 25              | 727426       | AD      | EET BUF | 10/08/24 22:51       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 209688       | RMG     | EET BUR | 10/15/24 15:01       |
| Total/NA  | Analysis   | RSK-175      |     | 22              | 727440       | MAN     | EET BUF | 10/08/24 14:59       |
| Total/NA  | Analysis   | RSK-175      | DL  | 220             | 727552       | MAN     | EET BUF | 10/09/24 09:53       |
| Total/NA  | Analysis   | 300.0        |     | 5               | 727484       | AF      | EET BUF | 10/08/24 19:52       |
| Total/NA  | Analysis   | 310.2        |     | 10              | 727882       | CG      | EET BUF | 10/10/24 11:49       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727625       | KB      | EET BUF | 10/08/24 20:01       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727638       | KB      | EET BUF | 10/08/24 20:01       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 727899       | AF      | EET BUF | 10/10/24 21:57       |
| Dissolved | Filtration | Filtration   |     |                 | 727700       | CG      | EET BUF | 10/08/24 13:11       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 727518       | CG      | EET BUF | 10/08/24 13:37       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 727702       | AM      | EET BUF | 10/09/24 12:56       |

**Client Sample ID: A1-GP10-S**

**Lab Sample ID: 480-224085-6**

**Date Collected: 10/07/24 09:27**

**Matrix: Water**

**Date Received: 10/07/24 16:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 800             | 727426       | AD      | EET BUF | 10/08/24 23:14       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 209688       | RMG     | EET BUR | 10/15/24 15:10       |
| Total/NA  | Analysis   | RSK-175      |     | 22              | 727440       | MAN     | EET BUF | 10/08/24 15:18       |
| Total/NA  | Analysis   | RSK-175      | DL  | 220             | 727552       | MAN     | EET BUF | 10/09/24 10:11       |
| Total/NA  | Analysis   | 300.0        |     | 5               | 727484       | AF      | EET BUF | 10/08/24 20:07       |
| Total/NA  | Analysis   | 310.2        |     | 10              | 727882       | CG      | EET BUF | 10/10/24 11:49       |

Eurofins Buffalo

# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: A1-GP10-S**

**Lab Sample ID: 480-224085-6**

**Date Collected: 10/07/24 09:27**

**Matrix: Water**

**Date Received: 10/07/24 16:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 353.2        |     | 1               | 727625       | KB      | EET BUF | 10/08/24 20:02       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 727638       | KB      | EET BUF | 10/08/24 20:02       |
| Total/NA  | Analysis   | 9060A        |     | 2               | 728154       | AF      | EET BUF | 10/11/24 20:51       |
| Dissolved | Filtration | Filtration   |     |                 | 727700       | CG      | EET BUF | 10/08/24 13:11       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 727518       | CG      | EET BUF | 10/08/24 13:37       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 727702       | AM      | EET BUF | 10/09/24 12:56       |

**Client Sample ID: AL-GP16-S**

**Lab Sample ID: 480-224126-1**

**Date Collected: 10/08/24 12:40**

**Matrix: Water**

**Date Received: 10/09/24 17:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 4               | 727583       | ERS     | EET BUF | 10/09/24 19:31       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728153       | AF      | EET BUF | 10/10/24 23:06       |

**Client Sample ID: MW-39D**

**Lab Sample ID: 480-224126-2**

**Date Collected: 10/08/24 11:00**

**Matrix: Water**

**Date Received: 10/09/24 17:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 8               | 727583       | ERS     | EET BUF | 10/09/24 19:56       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728153       | AF      | EET BUF | 10/11/24 02:27       |

**Client Sample ID: MW-37D**

**Lab Sample ID: 480-224126-3**

**Date Collected: 10/08/24 09:40**

**Matrix: Water**

**Date Received: 10/09/24 17:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727583       | ERS     | EET BUF | 10/09/24 20:21       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728153       | AF      | EET BUF | 10/11/24 02:57       |

**Client Sample ID: AL-GP15-S**

**Lab Sample ID: 480-224126-4**

**Date Collected: 10/08/24 14:00**

**Matrix: Water**

**Date Received: 10/09/24 17:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727583       | ERS     | EET BUF | 10/09/24 20:46       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728153       | AF      | EET BUF | 10/11/24 03:25       |

**Client Sample ID: CB-1**

**Lab Sample ID: 480-224180-1**

**Date Collected: 10/09/24 07:30**

**Matrix: Water**

**Date Received: 10/09/24 16:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727754       | ZN      | EET BUF | 10/10/24 20:04       |

Eurofins Buffalo

# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: CB-2**

**Date Collected: 10/09/24 08:00**

**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 728157       | ZN      | EET BUF | 10/14/24 15:27       |

**Client Sample ID: CB-3**

**Date Collected: 10/09/24 07:10**

**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727754       | ZN      | EET BUF | 10/10/24 19:19       |

**Client Sample ID: CB-4**

**Date Collected: 10/09/24 08:20**

**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727754       | ZN      | EET BUF | 10/10/24 18:57       |

**Client Sample ID: CB-E**

**Date Collected: 10/09/24 08:10**

**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727754       | ZN      | EET BUF | 10/10/24 18:34       |

**Client Sample ID: TP-5**

**Date Collected: 10/09/24 07:40**

**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727754       | ZN      | EET BUF | 10/10/24 18:12       |

**Client Sample ID: TP-6**

**Date Collected: 10/09/24 07:20**

**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224180-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727925       | LCH     | EET BUF | 10/11/24 14:57       |

**Client Sample ID: A1-GP14-S**

**Date Collected: 10/09/24 13:25**

**Date Received: 10/09/24 16:00**

**Lab Sample ID: 480-224184-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727925       | LCH     | EET BUF | 10/11/24 15:20       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728153       | AF      | EET BUF | 10/12/24 09:38       |

Eurofins Buffalo

# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

**Client Sample ID: A1-GP02-S**

**Lab Sample ID: 480-224184-2**

**Date Collected: 10/09/24 14:00**

**Matrix: Water**

**Date Received: 10/09/24 16:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        | DL  | 100             | 728333       | AXK     | EET BUF | 10/15/24 14:33       |
| Total/NA  | Analysis   | 8260C        |     | 50              | 727925       | LCH     | EET BUF | 10/11/24 15:42       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728154       | AF      | EET BUF | 10/12/24 19:54       |

**Client Sample ID: MW-30**

**Lab Sample ID: 480-224184-3**

**Date Collected: 10/09/24 09:25**

**Matrix: Water**

**Date Received: 10/09/24 16:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727925       | LCH     | EET BUF | 10/11/24 16:04       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728154       | AF      | EET BUF | 10/12/24 23:07       |

**Client Sample ID: MW-43**

**Lab Sample ID: 480-224184-4**

**Date Collected: 10/09/24 13:05**

**Matrix: Water**

**Date Received: 10/09/24 16:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 2               | 727925       | LCH     | EET BUF | 10/11/24 16:27       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728154       | AF      | EET BUF | 10/12/24 23:35       |

**Client Sample ID: A1-GP09-S**

**Lab Sample ID: 480-224184-5**

**Date Collected: 10/09/24 09:50**

**Matrix: Water**

**Date Received: 10/09/24 16:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 727925       | LCH     | EET BUF | 10/11/24 16:49       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 728154       | AF      | EET BUF | 10/13/24 00:03       |

## 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 Area 1 BCP

Job ID: 480-224028-1

## 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                 | 03-31-25        |

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      |
|-----------------|-------------|--------|--------------|
| 300.0           |             | Water  | Sulfate      |
| 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           | 12-31-24        |
| New Hampshire                     | NELAP                 | 2006                  | 12-18-24        |
| New Jersey                        | NELAP                 | VT972                 | 06-30-25        |
| New York                          | NELAP                 | 10391                 | 03-31-25        |
| Pennsylvania                      | NELAP                 | 68-00489              | 04-30-25        |
| Rhode Island                      | State                 | LAO00298              | 12-31-24        |
| US Fish & Wildlife                | US Federal Programs   | 058448                | 08-01-25        |
| USDA                              | US Federal Programs   | P330-17-00272         | 12-19-26        |
| Vermont                           | State                 | VT4000                | 02-10-25        |
| Virginia                          | NELAP                 | 460209                | 12-14-24        |
| Wisconsin                         | State                 | 399140830             | 03-31-25        |

## Method Summary

Client: AECOM

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

| 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

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-224028-1

| Lab Sample ID | Client Sample ID   | Matrix | Collected      | Received       |
|---------------|--------------------|--------|----------------|----------------|
| 480-224028-1  | MW-40D             | Water  | 10/04/24 10:55 | 10/04/24 16:13 |
| 480-224028-2  | Trip Blank         | Water  | 10/04/24 07:30 | 10/04/24 16:13 |
| 480-224028-3  | MW-42S             | Water  | 10/04/24 12:45 | 10/04/24 16:13 |
| 480-224028-4  | Rinse Blank        | Water  | 10/04/24 09:30 | 10/04/24 16:13 |
| 480-224028-5  | MW-44S             | Water  | 10/04/24 15:20 | 10/04/24 16:13 |
| 480-224028-6  | Duplicate          | Water  | 10/04/24 08:00 | 10/04/24 16:13 |
| 480-224085-1  | MW-38D             | Water  | 10/07/24 11:05 | 10/07/24 16:10 |
| 480-224085-2  | MW-36S             | Water  | 10/07/24 14:35 | 10/07/24 16:10 |
| 480-224085-3  | TRIP BLANK-0100724 | Water  | 10/07/24 07:30 | 10/07/24 16:10 |
| 480-224085-4  | A1-GP18-S          | Water  | 10/07/24 12:30 | 10/07/24 16:10 |
| 480-224085-5  | A1-GP06-S          | Water  | 10/07/24 09:00 | 10/07/24 16:10 |
| 480-224085-6  | A1-GP10-S          | Water  | 10/07/24 09:27 | 10/07/24 16:10 |
| 480-224126-1  | AL-GP16-S          | Water  | 10/08/24 12:40 | 10/09/24 17:15 |
| 480-224126-2  | MW-39D             | Water  | 10/08/24 11:00 | 10/09/24 17:15 |
| 480-224126-3  | MW-37D             | Water  | 10/08/24 09:40 | 10/09/24 17:15 |
| 480-224126-4  | AL-GP15-S          | Water  | 10/08/24 14:00 | 10/09/24 17:15 |
| 480-224180-1  | CB-1               | Water  | 10/09/24 07:30 | 10/09/24 16:00 |
| 480-224180-2  | CB-2               | Water  | 10/09/24 08:00 | 10/09/24 16:00 |
| 480-224180-3  | CB-3               | Water  | 10/09/24 07:10 | 10/09/24 16:00 |
| 480-224180-4  | CB-4               | Water  | 10/09/24 08:20 | 10/09/24 16:00 |
| 480-224180-5  | CB-E               | Water  | 10/09/24 08:10 | 10/09/24 16:00 |
| 480-224180-6  | TP-5               | Water  | 10/09/24 07:40 | 10/09/24 16:00 |
| 480-224180-7  | TP-6               | Water  | 10/09/24 07:20 | 10/09/24 16:00 |
| 480-224184-1  | A1-GP14-S          | Water  | 10/09/24 13:25 | 10/09/24 16:00 |
| 480-224184-2  | A1-GP02-S          | Water  | 10/09/24 14:00 | 10/09/24 16:00 |
| 480-224184-3  | MW-30              | Water  | 10/09/24 09:25 | 10/09/24 16:00 |
| 480-224184-4  | MW-43              | Water  | 10/09/24 13:05 | 10/09/24 16:00 |
| 480-224184-5  | A1-GP09-S          | Water  | 10/09/24 09:50 | 10/09/24 16:00 |

## Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-224028-1

**Login Number: 224028**

**List Source: Eurofins Buffalo**

**List Number: 1**

**Creator: Stapleton, Kaitlyn**

| 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   | Yes: Received same day of collection; chilling process has begun |
| Cooler Temperature is recorded.                                                  | True   | 14.6 IR#SC ice                                                   |
| 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: 480-224028-1

**Login Number: 224028**

**List Number: 2**

**Creator: Lavigne III, Scott N**

**List Source: Eurofins Burlington**

**List Creation: 10/09/24 02:28 PM**

| Question                                                                                 | Answer | Comment                                  |
|------------------------------------------------------------------------------------------|--------|------------------------------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | True   | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact.                                        | N/A    | Not present                              |
| 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   | 3.2°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 $<6\text{mm}$ (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: 480-224028-1

**Login Number: 224085**

**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   | 11.3 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: 480-224028-1

**Login Number: 224085**

**List Number: 2**

**Creator: Cunningham, Caroline R**

**List Source: Eurofins Burlington**

**List Creation: 10/10/24 01:49 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   | 2533948                                  |
| 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   | 2.5°C                                    |
| Cooler Temperature is recorded.                                                          | True   |                                          |
| COC is present.                                                                          | True   |                                          |
| COC is filled out in ink and legible.                                                    | True   | Received project as a subcontract.       |
| COC is filled out with all pertinent information.                                        | True   |                                          |
| Is the Field Sampler's name present on COC?                                              | N/A    |                                          |
| 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 $<6\text{mm}$ (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: 480-224028-1

**Login Number: 224126**

**List Source: Eurofins Buffalo**

**List Number: 1**

**Creator: Stopa, Erik S**

| 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.              | N/A    |         |
| Chlorine Residual checked.                                                       | N/A    |         |



## Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-224028-1

**Login Number: 224180**

**List Source: Eurofins Buffalo**

**List Number: 1**

**Creator: Stapleton, Kaitlyn**

| 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   | 5.0 IR#SC ice |
| 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: 480-224028-1

**Login Number: 224184**

**List Source: Eurofins Buffalo**

**List Number: 1**

**Creator: Stapleton, Kaitlyn**

| 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   | 5.0 IR#SC ice |
| 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    |               |

## Chain of Custody Record

[illegible]

## Chain of Custody Record



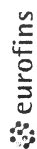
## Environment Testing

[illegible]



[illegible]

## Chain of Custody Record



| Client Information               |  | Lab PM:                                                |             | Carrier Tracking No(s):      |                                                           | COC No:                                                                                                                                                                                                        |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
|----------------------------------|--|--------------------------------------------------------|-------------|------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------|--------------------------------------|-------------------------|---------------------------|---------------------------------|---------------------------------|----------------------|------------------------------------|-------------------------------------------------------------------------------------|----------------------------|----------------------------|--|-----------------|--|-------------|--|----------|--|
| Client Contact:                  |  | Fischer, Brian J                                       |             | 480-188449-19195.1           |                                                           | 480-188449-19195.1                                                                                                                                                                                             |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Company:                         |  | E-Mail:                                                |             | State of Origin:             |                                                           | Page:                                                                                                                                                                                                          |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| AECOM                            |  | Brian.Fischer@et.eurofins.com                          |             | NY                           |                                                           | Page 1 of 4                                                                                                                                                                                                    |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Address:                         |  | PWSID:                                                 |             | Job #:                       |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| 50 Lakefront Boulevard Suite 111 |  |                                                        |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| City:                            |  | Due Date Requested:                                    |             | Analysis Requested           |                                                           | Preservation Codes:                                                                                                                                                                                            |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Buffalo                          |  | STD TAT                                                |             |                              |                                                           | M - Hexane<br>N - None<br>O - AsNaO2<br>P - Na2OAS<br>Q - Na2SO3<br>R - Na2SO4<br>S - H2SO4<br>T - TSP Dodecahydrate<br>U - Acetone<br>V - MCAA<br>W - pH 4-5<br>X - EDTA<br>Y - Trizma<br>Z - other (specify) |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| State, Zip:                      |  | TAT Requested (days):                                  |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| NY, 14202                        |  | STD                                                    |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Phone:                           |  | Compliance Project:                                    |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| 716 866 8222                     |  | Delta Yes Delta No                                     |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Email:                           |  | PO #:                                                  |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| dino.zack@aecom.com              |  | 151701                                                 |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Project Name:                    |  | WO #:                                                  |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Oct-22                           |  | 60676146                                               |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Site:                            |  | Project #:                                             |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Area 1 BCP                       |  | 48011352                                               |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
|                                  |  | SSOW#:                                                 |             |                              |                                                           |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Sample Identification            |  | Sample Date                                            | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air) | Field Filtered Sample (Yes or No)                                                                                                                                                                              | Permitt MS/MSD (Yes or No) | 8260C - TCL list OLM04.2 | 353.2, 353.2, Nitrite, Nitrate, Calc | SM4500 - S2_D - Sulfide | 310.2 - Alkalinity, Total | RSK_175_CO2_D5 - Carbon dioxide | RSK_175 - methane/ethane/ethene | 300.0, 28D - Sulfate | 3500 - FE_D - D, ferrous iron (LF) | 9060A - Total Organic Carbon                                                        | Total Number of Containers | Special Instructions/Note: |  |                 |  |             |  |          |  |
| CB-1                             |  | 10/9/24                                                | 0730        | G                            | Water                                                     |                                                                                                                                                                                                                |                            | X                        |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| CB-2                             |  | 10/9/24                                                | 0800        | G                            | Water                                                     |                                                                                                                                                                                                                |                            | X                        |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| CB-3                             |  | 10/9/24                                                | 0710        | G                            | Water                                                     |                                                                                                                                                                                                                |                            | X                        |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| CB-4                             |  | 10/9/24                                                | 0820        | G                            | Water                                                     |                                                                                                                                                                                                                |                            | X                        |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| CB-E                             |  | 10/9/24                                                | 0810        | G                            | Water                                                     |                                                                                                                                                                                                                |                            | X                        |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| TP-5                             |  | 10/9/24                                                | 0740        | G                            | Water                                                     |                                                                                                                                                                                                                |                            | X                        |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| TP-6                             |  | 10/9/24                                                | 0720        | G                            | Water                                                     |                                                                                                                                                                                                                |                            | X                        |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Duplicate                        |  |                                                        |             |                              | Water                                                     |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| RMse Blank                       |  |                                                        |             |                              | Water                                                     |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| MAW-55D                          |  |                                                        |             |                              | Water                                                     |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| MW-38D                           |  |                                                        |             |                              | Water                                                     |                                                                                                                                                                                                                |                            |                          |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |
| Possible Hazard Identification   |  | Deliverable Requested: I, II, III, IV, Other (specify) |             | Non-Hazard                   |                                                           | Flammable                                                                                                                                                                                                      |                            | Skin Irritant            |                                      | Poison B                |                           | Unknown                         |                                 | Radiological         |                                    | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |                            | Return To Client           |  | Disposal By Lab |  | Archive For |  | Months   |  |
| Empty Kit Relinquished by:       |  | Date:                                                  |             | Time:                        |                                                           | Method of Shipment:                                                                                                                                                                                            |                            | Received by:             |                                      | Date/Time:              |                           | Company:                        |                                 | Received by:         |                                    | Date/Time:                                                                          |                            | Company:                   |  | Received by:    |  | Date/Time:  |  | Company: |  |
| Dino D. Zuck                     |  | 10/9/24                                                |             | 0700h                        |                                                           | AECOM                                                                                                                                                                                                          |                            | Received by:             |                                      | 10-9-24                 |                           | 1000                            |                                 | Received by:         |                                    | 10-9-24                                                                             |                            | 1000                       |  | Received by:    |  | 10-9-24     |  | 1000     |  |
| Custody Seals Intact:            |  | Custody Seal No.:                                      |             | Delta Yes Delta No           |                                                           | Cooler Temperature(s) °C and Other Remarks:                                                                                                                                                                    |                            | 510 IR HSC ICE           |                                      |                         |                           |                                 |                                 |                      |                                    |                                                                                     |                            |                            |  |                 |  |             |  |          |  |

## Chain of Custody Record

|                                                                               |         |                                                                                                                                                                                                                                   |             |                                                   |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
|-------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------|---------------------------------------------|-----------------------------------|----------------------------|---------------------|-------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------|-----------------------------------|---------------------------------|----------------------|------------------------------------|---------------------------------------|----------------------------|----------------------------|--|---------|--|
| Client Information                                                            |         | Lab PM:<br>Fischer, Brian J                                                                                                                                                                                                       |             | Carrier Tracking No(s)                            |                                             | COC No<br>480-199586-19195-4      |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Client Contact<br>Mr. Dino Zack                                               |         | E-Mail:<br>Brian.Fischer@et.eurofinsus.com                                                                                                                                                                                        |             | State of Origin                                   |                                             | Page<br>Page 4 of 4               |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Company<br>AECOM                                                              |         | PWSID:<br>7168668222                                                                                                                                                                                                              |             | Job #:                                            |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Address:<br>50 Lakefront Boulevard Suite 111                                  |         | Due Date Requested:<br>STD TAT                                                                                                                                                                                                    |             | Analysis Requested                                |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| City:<br>Buffalo                                                              |         | TAT Requested (days):<br>STD                                                                                                                                                                                                      |             |                                                   |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| State, Zip:<br>NY, 14202                                                      |         | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                      |             |                                                   |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Phone:<br>716 866-8222                                                        |         | PO #<br>1644681                                                                                                                                                                                                                   |             |                                                   |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| E-mail:<br>dino.zack@aecom.com                                                |         | WO #<br>60676146                                                                                                                                                                                                                  |             |                                                   |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Project Name:<br>Oct-24                                                       |         | Project #<br>48011352                                                                                                                                                                                                             |             |                                                   |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Site:<br>Area 1 BCP                                                           |         | SSOW#                                                                                                                                                                                                                             |             |                                                   |                                             |                                   |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Sample Identification                                                         |         | Sample Date                                                                                                                                                                                                                       | Sample Time | Sample Type<br>(C=Comp, G=grab)                   | Matrix<br>(W=water, S=solid, O=soil, A=air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - 8260 TCL    | 353.2, 353.2 Nitrite, Nitrate, Calc | SM4500, S2, D - Sulfide                                                                       | 310.2 - Alkalinity, Total | RSK_175, CO2, D5 - Carbon dioxide | RSK_175 - methane/ethane/ethene | 300.0, 28D - Sulfate | 3500, FE, D - D, ferrous iron (LF) | 9060A - TOC                           | Total Number of containers | Special Instructions/Note: |  |         |  |
| A1-GP14-S                                                                     | 10/9/21 | 1320                                                                                                                                                                                                                              | G           | Water                                             |                                             | X                                 |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| A1-GP02-S                                                                     | 10/9/21 | 1400                                                                                                                                                                                                                              | G           | Water                                             |                                             | X                                 |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| MW-30                                                                         | 10/9/21 | 0925                                                                                                                                                                                                                              | G           | Water                                             |                                             | X                                 |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| MW-43                                                                         | 10/9/21 | 1305                                                                                                                                                                                                                              | G           | Water                                             |                                             | X                                 |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| A1-GP09-S                                                                     | 10/9/21 | 0800                                                                                                                                                                                                                              | G           | Water                                             |                                             | X                                 |                            |                     |                                     |                                                                                               |                           |                                   |                                 |                      |                                    |                                       |                            |                            |  |         |  |
| Possible Hazard Identification                                                |         | <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |             | Sample Disposal (A fee may be assessed if sample) |                                             |                                   |                            |                     |                                     | Return To Client <input type="checkbox"/> Disposal By Lab <input checked="" type="checkbox"/> |                           |                                   |                                 |                      |                                    | Special Instructions/QC Requirements: |                            |                            |  |         |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                        |         | Empty Kit Relinquished by:                                                                                                                                                                                                        |             | Date:                                             |                                             | Time:                             |                            | Method of Shipment: |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No |         | Custody Seal No.:                                                                                                                                                                                                                 |             | Relinquished by:                                  |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    | Company                               |                            | Date/Time                  |  | Company |  |
| Relinquished by:                                                              |         | Date/Time                                                                                                                                                                                                                         |             | Company                                           |                                             | Date/Time                         |                            | Company             |                                     | Date/Time                                                                                     |                           | Company                           |                                 | Date/Time            |                                    |                                       |                            |                            |  |         |  |



Phone: 716-691-2600 Fax: 716-691-7991

## Chain of Custody Reco

**Loc: 480**

**224028**

## Content Testing



**480-224028 Chain of Custody**

[illegible]







**Do not lift using this tag.**

SAMPLE CONTROL  
EUROFINS ENVIRONMENT TESTING  
10 HAZELWOOD DRIVE  
BUFFALO, NY 142282223  
UNITED STATES US

ACTWT: 42.95 LB  
CAD: 0759273/CAFE3955  
DIMS: 26x15x14 IN  
BILL SENDER

Part # 15560-034 MIN EXD 0425

**TO SAMPLE RECEIPT**  
**EUROFINS BURLINGTON**  
**530 COMMUNITY DR**  
**STE 11**  
**SOUTH BURLINGTON VT 054036650**

(802) 880-1000  
**REF: SOUTH BURLINGTON**

**FedEx**  
Express

TRK# 0201 **7463 0659 4737**

**THU - 10 OCT 10:30A**  
**PRIORITY OVERNIGHT**

**NX BTVA**

**05403**  
VT-US BTV

RT **916**  
FZ **915**

**1**  
10:30 **A**  
4737  
10.10

**Analytical Results**

**SiREM File Reference: S-10739**

Client: AECOM Technical Services, Inc.  
Client Project Number: 60676146-1  
Date Samples Received: October 8, 2024  
Date Samples Analyzed: October 11, 2024

| 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-42S           | 24-19674           | 4-Oct-24           | 1000x                  | 25 J    | 457     | 376        | <5.0    | <1.2     | <15      |
| A1-GP10-S        | 24-19675           | 7-Oct-24           | 1000x                  | 24 J    | 806     | 191        | 12 J    | 77       | <15      |
| QL               |                    |                    |                        | 50      | 0.50    | 0.30       | 0.26    | 0.25     | 0.06     |
|                  |                    |                    |                        | 1,000   | 10      | 5.9        | 5.3     | 5.0      | 1.2      |
| RL               |                    |                    |                        | 50      | 2.0     | 2.0        | 2.0     | 2.0      | 2.0      |
|                  |                    |                    |                        | 1,000   | 40      | 40         | 40      | 40       | 40       |

**Comments:**

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

Analyst:

*Brooke Rapien*

Brooke Rapien, B.Sc.  
Laboratory Technician II

Results approved:

*Michael Healey*

Michael Healey, B.Sc.  
Project Scientist

Date:

24-Oct-24



Lab #  
S-10730

Please note: The SiREM Knoxville location does not have a loading dock. For large volume shipments a truck with a lift gate is required.

 COPY[illegible]

| Relinquished By:<br>Signature                                                       | Received By:<br>Signature                                                           | Relinquished By:<br>Signature                                                        | Received By:<br>Signature                                                             | Relinquished By:<br>Signature | Received By:<br>Signature |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|---------------------------|
|  |  |  |  |                               |                           |
| Printed Name: Dino Zach                                                             | Printed Name: K. Krauch                                                             | Printed Name: K. Krauch                                                              | Printed Name: B. Carlson                                                              | Printed Name:                 | Printed Name:             |
| Firm: AECOM                                                                         | Firm: SIREM                                                                         | Firm: SIREM                                                                          | Firm: SIREM                                                                           | Firm:                         | Firm:                     |
| Date/Time: 10/7/24 11:58                                                            | Date/Time: 10-8-24 0907                                                             | Date/Time: 10-9-24 1600                                                              | Date/Time: 11-10-24 1200                                                              | 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.





Lab #  
S-10730

[illegible]

**Please note: The SIREM Knoxville location does not have a loading dock. For large volume shipments a truck with a lift gate is required**

10.35C  
0078

COC001

## Gene-Trac® Certificate of Analysis

**Customer:** Dino Zack

**Email:** dino.zack@aecom.com

**Phone:** 716-866-8222

**Company:** AECOM Technical Services, Inc.

**Project Name:** Area 1 BCP

**Method Reference:** SOP-002, SOP-019, SOP-108, SOP-116, SOP-126

**Batch Reference:** S-11099

**Report Date:** 28-Apr-25

**Certificate Number:** CAG-1585

**Test Location(s):** Knoxville and Guelph

**Customer Reference:** 60676146-1

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 (Dhc and 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-1585

| Target (Test ID)*                             | MW-42 S                    |                          |
|-----------------------------------------------|----------------------------|--------------------------|
|                                               | Gene Copies/L <sup>1</sup> | Percent (%) <sup>2</sup> |
| <i>Dehalococcoides (DHC)</i>                  | 4.03 E+08                  | 1.29                     |
| Run Date                                      | 15-Apr-25                  |                          |
| <i>vcrA Reductase (FGA-VCRA)</i>              | 1.15 E+08                  | 0.370                    |
| Run Date                                      | 25-Apr-25                  |                          |
| <i>bvcA Reductase (FGA-BVCA)</i>              | 1.39 E+06                  | 0.00446                  |
| Run Date                                      | 25-Apr-25                  |                          |
| <i>tceA Reductase (FGA-TCEA)</i>              | 2.02 E+08                  | 0.648                    |
| Run Date                                      | 25-Apr-25                  |                          |
| <i>Dehalobacter (DHB)</i>                     | 2.24 E+07                  | 0.0718                   |
| Run Date                                      | 25-Apr-25                  |                          |
| <i>Total Prokaryotes (PROK)<sup>(3)</sup></i> | 3.12 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-1585**

|                                       |             |
|---------------------------------------|-------------|
| Customer Sample ID                    | MW-42 S     |
| Date Sampled <sup>(4)</sup>           | 04-Apr-25   |
| Matrix                                | Groundwater |
| Date Received <sup>(4)</sup>          | 09-Apr-25   |
| Sample Temperature                    | 12.4 °C     |
| Filtration Date <sup>(4)</sup>        | 09-Apr-25   |
| Volume Used for DNA Extraction        | 100 mL      |
| DNA Extraction Date                   | 14-Apr-25   |
| DNA Extraction Control <sup>(5)</sup> | 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-1585**

| 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                |          |
| <b><i>Dehalococcoides (DHC)</i></b>     | 7.01 E+06            | 3.45 E+06 <sup>(6)</sup> | 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                     |                          |          |
| <b><i>vcrA Reductase (FGA-VCRA)</i></b> | 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                     |                          |          |
| <b><i>bvcA Reductase (FGA-BVCA)</i></b> | 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                     |                          |          |
| <b><i>tceA Reductase (FGA-TCEA)</i></b> | 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                     |                          |          |
| <b><i>Dehalobacter (DHB)</i></b>        | 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                     |                          |          |
| <b><i>Total Prokaryotes (PROK)</i></b>  | 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 <sup>(7)</sup> | 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 4/23/2025 5:49:05 PM

## JOB DESCRIPTION

Scott Figgie Area 1 BCP

## JOB NUMBER

480-228450-1

# 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



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# Definitions/Glossary

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| B         | Compound was found in the blank and sample.                                                                    |
| E         | Result exceeded calibration range.                                                                             |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| 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                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                                                                    |
| 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                                                                                                                    |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------|
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.                            |
| 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 Area 1 BCP

Job ID: 480-228450-1

**Job ID: 480-228450-1**

**Eurofins Buffalo**

## Job Narrative 480-228450-1

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 4/4/2025 3:35 PM, 4/7/2025 2:40 PM and 4/9/2025 12:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.2°C, 2.4°C and 4.6°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-40D (480-228450-1) and MW-38D (480-228450-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: A1-GP06-S (480-228450-2), A1-GP10-S (480-228450-3) and MW-42S (480-228450-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-742986 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: CB-1 (480-228509-1), CB-2 (480-228509-2), CB-E (480-228509-5), TP-6 (480-228509-7), Trip Blank (480-228509-8), Rinse Blank (480-228509-9), MW-36S (480-228509-10), AI-GP09-S (480-228509-11), MW-39D (480-228509-12) and MW-37D (480-228509-13).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-742986 recovered outside control limits for the following analyte: 1,2,4-Trichlorobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are: CB-1 (480-228509-1), CB-2 (480-228509-2), CB-E (480-228509-5), TP-6 (480-228509-7), Trip Blank (480-228509-8), Rinse Blank (480-228509-9), MW-36S (480-228509-10), AI-GP09-S (480-228509-11), MW-39D (480-228509-12) and MW-37D (480-228509-13).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: CB-2 (480-228509-2) and CB-E (480-228509-5). 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-39D (480-228509-12), (480-228509-A-12 MS) and (480-228509-A-12 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-743085 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: CB-2 (480-228509-2), CB-3 (480-228509-3), CB-4 (480-228509-4), CB-E (480-228509-5), TP-5 (480-228509-6) and AI-GP18-S (480-228509-14).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-743085 recovered outside control limits for the following analytes: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: CB-2 (480-228509-2), CB-3 (480-228509-3), CB-E (480-228509-5), (480-228509-B-3 MS) and (480-228509-B-3 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: Due to the high concentration of Acetone, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch

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## Case Narrative

Client: AECOM  
Project: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

### Job ID: 480-228450-1 (Continued)

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480-743085 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-743380 recovered above the upper control limit for 1,2,4-Trichlorobenzene, Carbon tetrachloride and Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: MW-30 (480-228586-3), MW-43S (480-228586-4), MW-44S (480-228586-5), A1-GP02-S (480-228586-6), A1-GP15-S (480-228586-7), A1-GP16-S (480-228586-8), TRIP BLANK (480-228586-9) and A1-GP14-S (480-228586-10).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-743380 recovered outside control limits for the following analytes: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: A1-GP02-S (480-228586-6). 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: A1-GP16-S (480-228586-8). 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.

#### GC VOA

Method RSK\_175: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-40D (480-228450-1), MW-42S (480-228450-4), MW-38D (480-228450-6), AI-GP18-S (480-228509-14), AI-GP06-S (480-228509-15) and AI-GP10-S (480-228509-16). Elevated reporting limits (RLs) are provided.

Method RSK\_175: The method blank for analytical batch 480-743207 contained above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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-40D (480-228450-1), MW-42S (480-228450-4) and MW-38D (480-228450-6). Elevated reporting limits (RLs) are provided.

Method 300.0\_28D: The following samples were diluted due to the nature of the sample matrix: AI-GP18-S (480-228509-14), AI-GP06-S (480-228509-15) and AI-GP10-S (480-228509-16). Elevated reporting limits (RLs) are provided.

Method 310.2: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container(s): MW-40D (480-228450-1), MW-42S (480-228450-4), MW-38D (480-228450-6), AI-GP18-S (480-228509-14), AI-GP06-S (480-228509-15) and AI-GP10-S (480-228509-16).

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-40D (480-228450-1), MW-42S (480-228450-4), MW-38D (480-228450-6), AI-GP18-S (480-228509-14), AI-GP06-S (480-228509-15) and AI-GP10-S (480-228509-16).

Method 353.2\_Nitrite: The following samples were analyzed outside of analytical holding time due to instrument error AI-GP18-S (480-228509-14), AI-GP06-S (480-228509-15) and AI-GP10-S (480-228509-16).

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

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-40D

Lab Sample ID: 480-228450-1

Date Collected: 04/04/25 12:00

Matrix: Water

Date Received: 04/04/25 15:35

## 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     |           | 40  | 33  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 40  | 8.4 | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,1,2-Trichloroethane                 | ND     |           | 40  | 9.2 | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 40  | 12  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,1-Dichloroethane                    | 75     |           | 40  | 15  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,1-Dichloroethene                    | ND     |           | 40  | 12  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,2,4-Trichlorobenzene                | ND     |           | 40  | 16  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 40  | 16  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,2-Dichlorobenzene                   | ND     |           | 40  | 32  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,2-Dichloroethane                    | ND     |           | 40  | 8.4 | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,2-Dichloropropane                   | ND     |           | 40  | 29  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,3-Dichlorobenzene                   | ND     |           | 40  | 31  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,4-Dichlorobenzene                   | ND     |           | 40  | 34  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 2-Butanone (MEK)                      | ND     |           | 400 | 53  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 2-Hexanone                            | ND     |           | 200 | 50  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 200 | 84  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Acetone                               | ND     |           | 400 | 120 | ug/L |   |          | 04/08/25 01:10 | 40      |
| Benzene                               | ND     |           | 40  | 16  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Bromodichloromethane                  | ND     |           | 40  | 16  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Bromoform                             | ND     |           | 40  | 10  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Bromomethane                          | ND     |           | 40  | 28  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Carbon disulfide                      | ND     |           | 40  | 7.6 | ug/L |   |          | 04/08/25 01:10 | 40      |
| Carbon tetrachloride                  | ND     |           | 40  | 11  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Chlorobenzene                         | ND     |           | 40  | 30  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Dibromochloromethane                  | ND     |           | 40  | 13  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Chloroethane                          | 390    |           | 40  | 13  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Chloroform                            | 15 J B |           | 40  | 14  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Chloromethane                         | ND     |           | 40  | 14  | ug/L |   |          | 04/08/25 01:10 | 40      |
| cis-1,2-Dichloroethene                | ND     |           | 40  | 32  | ug/L |   |          | 04/08/25 01:10 | 40      |
| cis-1,3-Dichloropropene               | ND     |           | 40  | 14  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Cyclohexane                           | ND     |           | 40  | 7.2 | ug/L |   |          | 04/08/25 01:10 | 40      |
| Dichlorodifluoromethane               | ND     |           | 40  | 27  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Ethylbenzene                          | ND     |           | 40  | 30  | ug/L |   |          | 04/08/25 01:10 | 40      |
| 1,2-Dibromoethane                     | ND     |           | 40  | 29  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Isopropylbenzene                      | ND     |           | 40  | 32  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Methyl acetate                        | ND     |           | 100 | 52  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Methyl tert-butyl ether               | ND     |           | 40  | 6.4 | ug/L |   |          | 04/08/25 01:10 | 40      |
| Methylcyclohexane                     | ND     |           | 40  | 6.4 | ug/L |   |          | 04/08/25 01:10 | 40      |
| Methylene Chloride                    | ND     |           | 40  | 18  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Styrene                               | ND     |           | 40  | 29  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Tetrachloroethene                     | ND     |           | 40  | 14  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Toluene                               | ND     |           | 40  | 20  | ug/L |   |          | 04/08/25 01:10 | 40      |
| trans-1,2-Dichloroethene              | ND     |           | 40  | 36  | ug/L |   |          | 04/08/25 01:10 | 40      |
| trans-1,3-Dichloropropene             | ND     |           | 40  | 15  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Trichloroethene                       | ND     |           | 40  | 18  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Trichlorofluoromethane                | ND     |           | 40  | 35  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Vinyl chloride                        | ND     |           | 40  | 36  | ug/L |   |          | 04/08/25 01:10 | 40      |
| Xylenes, Total                        | ND     |           | 80  | 26  | ug/L |   |          | 04/08/25 01:10 | 40      |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-40D**

**Lab Sample ID: 480-228450-1**

**Date Collected: 04/04/25 12:00**

**Matrix: Water**

**Date Received: 04/04/25 15:35**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 04/08/25 01:10 | 40      |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 77 - 120 |          | 04/08/25 01:10 | 40      |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 73 - 120 |          | 04/08/25 01:10 | 40      |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 123 |          | 04/08/25 01:10 | 40      |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 27000  |           | 10000 | 5000 | ug/L |   |          | 04/15/25 20:37 | 1       |
| Ethane         | 4.3    | J B       | 7.5   | 1.5  | ug/L |   |          | 04/10/25 11:32 | 1       |
| Ethene         | 2.5    | J B       | 7.0   | 1.5  | ug/L |   |          | 04/10/25 11:32 | 1       |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 22000  | B         | 440 | 110 | ug/L |   |          | 04/10/25 13:36 | 110     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | ND     |           | 10.0  | 1.7   | mg/L |   |          | 04/07/25 20:10 | 5       |
| Alkalinity, Total (EPA 310.2)      | 459    |           | 50.0  | 20.0  | mg/L |   |          | 04/08/25 10:32 | 5       |
| Nitrate as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 04/05/25 14:37 | 1       |
| Nitrite as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 04/05/25 15:12 | 1       |
| Total Organic Carbon (SW846 9060A) | 40.5   |           | 1.0   | 0.43  | mg/L |   |          | 04/13/25 02:20 | 1       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 04/09/25 14:37 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 4.0    | HF        | 0.10 | 0.075 | mg/L |   |          | 04/09/25 08:30 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: A1-GP06-S

Lab Sample ID: 480-228450-2

Date Collected: 04/04/25 14:05

Matrix: Water

Date Received: 04/04/25 15:35

## 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      |           | 25  | 21  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,1,2,2-Tetrachloroethane             | ND      |           | 25  | 5.3 | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,1,2-Trichloroethane                 | ND      |           | 25  | 5.8 | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND      |           | 25  | 7.8 | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,1-Dichloroethane                    | 39      |           | 25  | 9.5 | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,1-Dichloroethene                    | ND      |           | 25  | 7.3 | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,2,4-Trichlorobenzene                | ND      |           | 25  | 10  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,2-Dibromo-3-Chloropropane           | ND      |           | 25  | 9.8 | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,2-Dichlorobenzene                   | ND      |           | 25  | 20  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,2-Dichloroethane                    | ND      |           | 25  | 5.3 | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,2-Dichloropropane                   | ND      |           | 25  | 18  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,3-Dichlorobenzene                   | ND      |           | 25  | 20  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,4-Dichlorobenzene                   | ND      |           | 25  | 21  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 2-Butanone (MEK)                      | ND      |           | 250 | 33  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 2-Hexanone                            | ND      |           | 130 | 31  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 4-Methyl-2-pentanone (MIBK)           | ND      |           | 130 | 53  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Acetone                               | ND      |           | 250 | 75  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Benzene                               | ND      |           | 25  | 10  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Bromodichloromethane                  | ND      |           | 25  | 9.8 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Bromoform                             | ND      |           | 25  | 6.5 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Bromomethane                          | ND      |           | 25  | 17  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Carbon disulfide                      | ND      |           | 25  | 4.8 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Carbon tetrachloride                  | ND      |           | 25  | 6.8 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Chlorobenzene                         | ND      |           | 25  | 19  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Dibromochloromethane                  | ND      |           | 25  | 8.0 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Chloroethane                          | 740     |           | 25  | 8.0 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Chloroform                            | 9.1 J B |           | 25  | 8.5 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Chloromethane                         | ND      |           | 25  | 8.8 | ug/L |   |          | 04/08/25 01:33 | 25      |
| cis-1,2-Dichloroethene                | ND      |           | 25  | 20  | ug/L |   |          | 04/08/25 01:33 | 25      |
| cis-1,3-Dichloropropene               | ND      |           | 25  | 9.0 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Cyclohexane                           | ND      |           | 25  | 4.5 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Dichlorodifluoromethane               | ND      |           | 25  | 17  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Ethylbenzene                          | ND      |           | 25  | 19  | ug/L |   |          | 04/08/25 01:33 | 25      |
| 1,2-Dibromoethane                     | ND      |           | 25  | 18  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Isopropylbenzene                      | ND      |           | 25  | 20  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Methyl acetate                        | ND      |           | 63  | 33  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Methyl tert-butyl ether               | ND      |           | 25  | 4.0 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Methylcyclohexane                     | ND      |           | 25  | 4.0 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Methylene Chloride                    | ND      |           | 25  | 11  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Styrene                               | ND      |           | 25  | 18  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Tetrachloroethene                     | ND      |           | 25  | 9.0 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Toluene                               | ND      |           | 25  | 13  | ug/L |   |          | 04/08/25 01:33 | 25      |
| trans-1,2-Dichloroethene              | ND      |           | 25  | 23  | ug/L |   |          | 04/08/25 01:33 | 25      |
| trans-1,3-Dichloropropene             | ND      |           | 25  | 9.3 | ug/L |   |          | 04/08/25 01:33 | 25      |
| Trichloroethene                       | ND      |           | 25  | 12  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Trichlorofluoromethane                | ND      |           | 25  | 22  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Vinyl chloride                        | ND      |           | 25  | 23  | ug/L |   |          | 04/08/25 01:33 | 25      |
| Xylenes, Total                        | ND      |           | 50  | 17  | ug/L |   |          | 04/08/25 01:33 | 25      |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: A1-GP06-S**

**Lab Sample ID: 480-228450-2**

**Date Collected: 04/04/25 14:05**

**Matrix: Water**

**Date Received: 04/04/25 15:35**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 97        |           | 80 - 120 |          | 04/08/25 01:33 | 25      |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 77 - 120 |          | 04/08/25 01:33 | 25      |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 73 - 120 |          | 04/08/25 01:33 | 25      |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 123 |          | 04/08/25 01:33 | 25      |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 17.1   |           | 1.0 | 0.43 | mg/L |   |          | 04/11/25 16:55 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: A1-GP10-S

Lab Sample ID: 480-228450-3

Date Collected: 04/04/25 14:15

Matrix: Water

Date Received: 04/04/25 15:35

## 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     |           | 800  | 660  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 800  | 170  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,1,2-Trichloroethane                 | ND     |           | 800  | 180  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 800  | 250  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,1-Dichloroethane                    | 580    | J         | 800  | 300  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,1-Dichloroethene                    | ND     |           | 800  | 230  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,2,4-Trichlorobenzene                | ND     |           | 800  | 330  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 800  | 310  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,2-Dichlorobenzene                   | ND     |           | 800  | 630  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,2-Dichloroethane                    | ND     |           | 800  | 170  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,2-Dichloropropane                   | ND     |           | 800  | 580  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,3-Dichlorobenzene                   | ND     |           | 800  | 620  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,4-Dichlorobenzene                   | ND     |           | 800  | 670  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 2-Butanone (MEK)                      | ND     |           | 8000 | 1100 | ug/L |   |          | 04/08/25 01:57 | 800     |
| 2-Hexanone                            | ND     |           | 4000 | 990  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 4000 | 1700 | ug/L |   |          | 04/08/25 01:57 | 800     |
| Acetone                               | ND     |           | 8000 | 2400 | ug/L |   |          | 04/08/25 01:57 | 800     |
| Benzene                               | ND     |           | 800  | 330  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Bromodichloromethane                  | ND     |           | 800  | 310  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Bromoform                             | ND     |           | 800  | 210  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Bromomethane                          | ND     |           | 800  | 550  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Carbon disulfide                      | ND     |           | 800  | 150  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Carbon tetrachloride                  | ND     |           | 800  | 220  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Chlorobenzene                         | ND     |           | 800  | 600  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Dibromochloromethane                  | ND     |           | 800  | 260  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Chloroethane                          | 40000  |           | 800  | 260  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Chloroform                            | 350    | J B       | 800  | 270  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Chloromethane                         | ND     |           | 800  | 280  | ug/L |   |          | 04/08/25 01:57 | 800     |
| cis-1,2-Dichloroethene                | ND     |           | 800  | 650  | ug/L |   |          | 04/08/25 01:57 | 800     |
| cis-1,3-Dichloropropene               | ND     |           | 800  | 290  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Cyclohexane                           | ND     |           | 800  | 140  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Dichlorodifluoromethane               | ND     |           | 800  | 540  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Ethylbenzene                          | ND     |           | 800  | 590  | ug/L |   |          | 04/08/25 01:57 | 800     |
| 1,2-Dibromoethane                     | ND     |           | 800  | 580  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Isopropylbenzene                      | ND     |           | 800  | 630  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Methyl acetate                        | ND     |           | 2000 | 1000 | ug/L |   |          | 04/08/25 01:57 | 800     |
| Methyl tert-butyl ether               | ND     |           | 800  | 130  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Methylcyclohexane                     | ND     |           | 800  | 130  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Methylene Chloride                    | ND     |           | 800  | 350  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Styrene                               | ND     |           | 800  | 580  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Tetrachloroethene                     | ND     |           | 800  | 290  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Toluene                               | ND     |           | 800  | 410  | ug/L |   |          | 04/08/25 01:57 | 800     |
| trans-1,2-Dichloroethene              | ND     |           | 800  | 720  | ug/L |   |          | 04/08/25 01:57 | 800     |
| trans-1,3-Dichloropropene             | ND     |           | 800  | 300  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Trichloroethene                       | ND     |           | 800  | 370  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Trichlorofluoromethane                | ND     |           | 800  | 700  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Vinyl chloride                        | ND     |           | 800  | 720  | ug/L |   |          | 04/08/25 01:57 | 800     |
| Xylenes, Total                        | ND     |           | 1600 | 530  | ug/L |   |          | 04/08/25 01:57 | 800     |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: A1-GP10-S**  
**Date Collected: 04/04/25 14:15**  
**Date Received: 04/04/25 15:35**

**Lab Sample ID: 480-228450-3**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 04/08/25 01:57 | 800     |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/08/25 01:57 | 800     |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 73 - 120 |          | 04/08/25 01:57 | 800     |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 123 |          | 04/08/25 01:57 | 800     |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-42S

Lab Sample ID: 480-228450-4

Date Collected: 04/04/25 10:35

Matrix: Water

Date Received: 04/04/25 15:35

## 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 |   |          | 04/08/25 02:21 | 200     |
| 1,1,2,2-Tetrachloroethane                    | ND            |           | 200  | 42  | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,1,2-Trichloroethane                        | ND            |           | 200  | 46  | ug/L |   |          | 04/08/25 02:21 | 200     |
| <b>1,1,2-Trichloro-1,2,2-trifluoroethane</b> | <b>360</b>    |           | 200  | 62  | ug/L |   |          | 04/08/25 02:21 | 200     |
| <b>1,1-Dichloroethane</b>                    | <b>460</b>    |           | 200  | 76  | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,1-Dichloroethene                           | ND            |           | 200  | 58  | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,2,4-Trichlorobenzene                       | ND            |           | 200  | 82  | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,2-Dibromo-3-Chloropropane                  | ND            |           | 200  | 78  | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,2-Dichlorobenzene                          | ND            |           | 200  | 160 | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,2-Dichloroethane                           | ND            |           | 200  | 42  | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,2-Dichloropropane                          | ND            |           | 200  | 140 | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,3-Dichlorobenzene                          | ND            |           | 200  | 160 | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,4-Dichlorobenzene                          | ND            |           | 200  | 170 | ug/L |   |          | 04/08/25 02:21 | 200     |
| 2-Butanone (MEK)                             | ND            |           | 2000 | 260 | ug/L |   |          | 04/08/25 02:21 | 200     |
| 2-Hexanone                                   | ND            |           | 1000 | 250 | ug/L |   |          | 04/08/25 02:21 | 200     |
| 4-Methyl-2-pentanone (MIBK)                  | ND            |           | 1000 | 420 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Acetone                                      | ND            |           | 2000 | 600 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Benzene                                      | ND            |           | 200  | 82  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Bromodichloromethane                         | ND            |           | 200  | 78  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Bromoform                                    | ND            |           | 200  | 52  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Bromomethane                                 | ND            |           | 200  | 140 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Carbon disulfide                             | ND            |           | 200  | 38  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Carbon tetrachloride                         | ND            |           | 200  | 54  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Chlorobenzene                                | ND            |           | 200  | 150 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Dibromochloromethane                         | ND            |           | 200  | 64  | ug/L |   |          | 04/08/25 02:21 | 200     |
| <b>Chloroethane</b>                          | <b>12000</b>  |           | 200  | 64  | ug/L |   |          | 04/08/25 02:21 | 200     |
| <b>Chloroform</b>                            | <b>83 J B</b> |           | 200  | 68  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Chloromethane                                | ND            |           | 200  | 70  | ug/L |   |          | 04/08/25 02:21 | 200     |
| cis-1,2-Dichloroethene                       | ND            |           | 200  | 160 | ug/L |   |          | 04/08/25 02:21 | 200     |
| cis-1,3-Dichloropropene                      | ND            |           | 200  | 72  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Cyclohexane                                  | ND            |           | 200  | 36  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Dichlorodifluoromethane                      | ND            |           | 200  | 140 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Ethylbenzene                                 | ND            |           | 200  | 150 | ug/L |   |          | 04/08/25 02:21 | 200     |
| 1,2-Dibromoethane                            | ND            |           | 200  | 150 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Isopropylbenzene                             | ND            |           | 200  | 160 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Methyl acetate                               | ND            |           | 500  | 260 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Methyl tert-butyl ether                      | ND            |           | 200  | 32  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Methylcyclohexane                            | ND            |           | 200  | 32  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Methylene Chloride                           | ND            |           | 200  | 88  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Styrene                                      | ND            |           | 200  | 150 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Tetrachloroethene                            | ND            |           | 200  | 72  | ug/L |   |          | 04/08/25 02:21 | 200     |
| <b>Toluene</b>                               | <b>1200</b>   |           | 200  | 100 | ug/L |   |          | 04/08/25 02:21 | 200     |
| trans-1,2-Dichloroethene                     | ND            |           | 200  | 180 | ug/L |   |          | 04/08/25 02:21 | 200     |
| trans-1,3-Dichloropropene                    | ND            |           | 200  | 74  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Trichloroethene                              | ND            |           | 200  | 92  | ug/L |   |          | 04/08/25 02:21 | 200     |
| Trichlorofluoromethane                       | ND            |           | 200  | 180 | ug/L |   |          | 04/08/25 02:21 | 200     |
| <b>Vinyl chloride</b>                        | <b>220</b>    |           | 200  | 180 | ug/L |   |          | 04/08/25 02:21 | 200     |
| Xylenes, Total                               | ND            |           | 400  | 130 | ug/L |   |          | 04/08/25 02:21 | 200     |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-42S**

**Lab Sample ID: 480-228450-4**

**Date Collected: 04/04/25 10:35**

**Matrix: Water**

**Date Received: 04/04/25 15:35**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 04/08/25 02:21 | 200     |
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 77 - 120 |          | 04/08/25 02:21 | 200     |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 73 - 120 |          | 04/08/25 02:21 | 200     |
| Dibromofluoromethane (Surr)  | 103       |           | 75 - 123 |          | 04/08/25 02:21 | 200     |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 200000 |           | 10000 | 5000 | ug/L |   |          | 04/15/25 20:46 | 1       |
| Ethane         | 150    | B         | 7.5   | 1.5  | ug/L |   |          | 04/10/25 11:51 | 1       |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Ethene  | 1600   | B         | 770 | 170 | ug/L |   |          | 04/10/25 13:55 | 110     |
| Methane | 27000  | B         | 440 | 110 | ug/L |   |          | 04/10/25 13:55 | 110     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | ND     |           | 10.0  | 1.7   | mg/L |   |          | 04/07/25 21:38 | 5       |
| Alkalinity, Total (EPA 310.2)      | 1140   |           | 200   | 80.0  | mg/L |   |          | 04/08/25 10:32 | 20      |
| Nitrate as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 04/05/25 14:39 | 1       |
| Nitrite as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 04/05/25 15:12 | 1       |
| Total Organic Carbon (SW846 9060A) | 690    |           | 10.0  | 4.3   | mg/L |   |          | 04/11/25 17:23 | 10      |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 04/09/25 14:37 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 12.6   | HF        | 1.0 | 0.75 | mg/L |   |          | 04/09/25 08:57 | 10      |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-228450-5

Date Collected: 04/04/25 00:00

Matrix: Water

Date Received: 04/04/25 15:35

## 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 |   |          | 04/08/25 02:45 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/08/25 02:45 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 02:45 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 02:45 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/08/25 02:45 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 02:45 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 02:45 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 02:45 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 02:45 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 02:45 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 02:45 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 02:45 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 02:45 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 480-228450-5**

**Date Collected: 04/04/25 00:00**

**Matrix: Water**

**Date Received: 04/04/25 15:35**

| <i>Surrogate</i>                    | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|-------------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| <i>Toluene-d8 (Surr)</i>            | 96               |                  | 80 - 120      |                 | 04/08/25 02:45  | 1              |
| <i>1,2-Dichloroethane-d4 (Surr)</i> | 100              |                  | 77 - 120      |                 | 04/08/25 02:45  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i>  | 94               |                  | 73 - 120      |                 | 04/08/25 02:45  | 1              |
| <i>Dibromofluoromethane (Surr)</i>  | 102              |                  | 75 - 123      |                 | 04/08/25 02:45  | 1              |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-38D

Lab Sample ID: 480-228450-6

Date Collected: 04/04/25 13:45

Matrix: Water

Date Received: 04/04/25 15:35

## 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 |   |          | 04/08/25 03:08 | 4       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 4.0 | 0.84 | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,1,2-Trichloroethane                 | ND     |           | 4.0 | 0.92 | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 4.0 | 1.2  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,1-Dichloroethane                    | ND     |           | 4.0 | 1.5  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,1-Dichloroethene                    | ND     |           | 4.0 | 1.2  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,2,4-Trichlorobenzene                | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,2-Dichlorobenzene                   | ND     |           | 4.0 | 3.2  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,2-Dichloroethane                    | ND     |           | 4.0 | 0.84 | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,2-Dichloropropane                   | ND     |           | 4.0 | 2.9  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,3-Dichlorobenzene                   | ND     |           | 4.0 | 3.1  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,4-Dichlorobenzene                   | ND     |           | 4.0 | 3.4  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 2-Butanone (MEK)                      | ND     |           | 40  | 5.3  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 2-Hexanone                            | ND     |           | 20  | 5.0  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 20  | 8.4  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Acetone                               | ND     |           | 40  | 12   | ug/L |   |          | 04/08/25 03:08 | 4       |
| Benzene                               | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Bromodichloromethane                  | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Bromoform                             | ND     |           | 4.0 | 1.0  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Bromomethane                          | ND     |           | 4.0 | 2.8  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Carbon disulfide                      | ND     |           | 4.0 | 0.76 | ug/L |   |          | 04/08/25 03:08 | 4       |
| Carbon tetrachloride                  | ND     |           | 4.0 | 1.1  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Chlorobenzene                         | ND     |           | 4.0 | 3.0  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Dibromochloromethane                  | ND     |           | 4.0 | 1.3  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Chloroethane                          | ND     |           | 4.0 | 1.3  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Chloroform                            | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Chloromethane                         | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/08/25 03:08 | 4       |
| cis-1,2-Dichloroethene                | ND     |           | 4.0 | 3.2  | ug/L |   |          | 04/08/25 03:08 | 4       |
| cis-1,3-Dichloropropene               | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Cyclohexane                           | ND     |           | 4.0 | 0.72 | ug/L |   |          | 04/08/25 03:08 | 4       |
| Dichlorodifluoromethane               | ND     |           | 4.0 | 2.7  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Ethylbenzene                          | ND     |           | 4.0 | 3.0  | ug/L |   |          | 04/08/25 03:08 | 4       |
| 1,2-Dibromoethane                     | ND     |           | 4.0 | 2.9  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Isopropylbenzene                      | ND     |           | 4.0 | 3.2  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Methyl acetate                        | ND     |           | 10  | 5.2  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Methyl tert-butyl ether               | ND     |           | 4.0 | 0.64 | ug/L |   |          | 04/08/25 03:08 | 4       |
| Methylcyclohexane                     | ND     |           | 4.0 | 0.64 | ug/L |   |          | 04/08/25 03:08 | 4       |
| Methylene Chloride                    | ND     |           | 4.0 | 1.8  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Styrene                               | ND     |           | 4.0 | 2.9  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Tetrachloroethene                     | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Toluene                               | ND     |           | 4.0 | 2.0  | ug/L |   |          | 04/08/25 03:08 | 4       |
| trans-1,2-Dichloroethene              | ND     |           | 4.0 | 3.6  | ug/L |   |          | 04/08/25 03:08 | 4       |
| trans-1,3-Dichloropropene             | ND     |           | 4.0 | 1.5  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Trichloroethene                       | ND     |           | 4.0 | 1.8  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Trichlorofluoromethane                | ND     |           | 4.0 | 3.5  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Vinyl chloride                        | ND     |           | 4.0 | 3.6  | ug/L |   |          | 04/08/25 03:08 | 4       |
| Xylenes, Total                        | ND     |           | 8.0 | 2.6  | ug/L |   |          | 04/08/25 03:08 | 4       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-38D**

**Lab Sample ID: 480-228450-6**

**Date Collected: 04/04/25 13:45**

**Matrix: Water**

**Date Received: 04/04/25 15:35**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 100       |           | 80 - 120 |          | 04/08/25 03:08 | 4       |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 77 - 120 |          | 04/08/25 03:08 | 4       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 73 - 120 |          | 04/08/25 03:08 | 4       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/08/25 03:08 | 4       |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 22000  |           | 10000 | 5000 | ug/L |   |          | 04/15/25 20:55 | 1       |
| Ethane         | 9.8    | B         | 7.5   | 1.5  | ug/L |   |          | 04/10/25 12:21 | 1       |
| Ethene         | 3.8    | J B       | 7.0   | 1.5  | ug/L |   |          | 04/10/25 12:21 | 1       |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 24000  | B         | 440 | 110 | ug/L |   |          | 04/10/25 14:14 | 110     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Sulfate (EPA 300.0)                | 7.2    |           | 4.0   | 0.70  | mg/L |   |          | 04/07/25 21:53 | 2       |
| Alkalinity, Total (EPA 310.2)      | 416    |           | 50.0  | 20.0  | mg/L |   |          | 04/08/25 10:33 | 5       |
| Nitrate as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 04/05/25 14:40 | 1       |
| Nitrite as N (EPA 353.2)           | ND     |           | 0.050 | 0.020 | mg/L |   |          | 04/05/25 15:12 | 1       |
| Total Organic Carbon (SW846 9060A) | 7.3    |           | 1.0   | 0.43  | mg/L |   |          | 04/11/25 20:37 | 1       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 04/09/25 14:37 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 0.48   | HF        | 0.10 | 0.075 | mg/L |   |          | 04/09/25 08:31 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-1

Lab Sample ID: 480-228509-1

Date Collected: 04/07/25 06:50

Matrix: Water

Date Received: 04/07/25 14:40

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

| Analyte                                      | Result     | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------------------------------|------------|-----------|-----|------|------|---|----------|----------------|---------|
| <b>1,1,1-Trichloroethane</b>                 | <b>2.2</b> |           | 1.0 | 0.82 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,1,2,2-Tetrachloroethane                    | ND         |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,1,2-Trichloroethane                        | ND         |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>1,1,2-Trichloro-1,2,2-trifluoroethane</b> | <b>27</b>  |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>1,1-Dichloroethane</b>                    | <b>3.8</b> |           | 1.0 | 0.38 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,1-Dichloroethene                           | ND         |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,2,4-Trichlorobenzene                       | ND         | +         | 1.0 | 0.41 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,2-Dibromo-3-Chloropropane                  | ND         |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,2-Dichlorobenzene                          | ND         |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,2-Dichloroethane                           | ND         |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,2-Dichloropropane                          | ND         |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,3-Dichlorobenzene                          | ND         |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,4-Dichlorobenzene                          | ND         |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 2-Butanone (MEK)                             | ND         |           | 10  | 1.3  | ug/L |   |          | 04/08/25 13:50 | 1       |
| 2-Hexanone                                   | ND         |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 13:50 | 1       |
| 4-Methyl-2-pentanone (MIBK)                  | ND         |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>Acetone</b>                               | <b>470</b> |           | 10  | 3.0  | ug/L |   |          | 04/08/25 13:50 | 1       |
| Benzene                                      | ND         |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Bromodichloromethane                         | ND         |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Bromoform                                    | ND         |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Bromomethane                                 | ND         |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Carbon disulfide                             | ND         |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Carbon tetrachloride                         | ND         |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Chlorobenzene                                | ND         |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Dibromochloromethane                         | ND         |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>Chloroethane</b>                          | <b>2.7</b> |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Chloroform                                   | ND         |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Chloromethane                                | ND         |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>cis-1,2-Dichloroethene</b>                | <b>12</b>  |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 13:50 | 1       |
| cis-1,3-Dichloropropene                      | ND         |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Cyclohexane                                  | ND         |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>Dichlorodifluoromethane</b>               | <b>1.6</b> |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Ethylbenzene                                 | ND         |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 13:50 | 1       |
| 1,2-Dibromoethane                            | ND         |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Isopropylbenzene                             | ND         |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Methyl acetate                               | ND         |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 13:50 | 1       |
| Methyl tert-butyl ether                      | ND         |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Methylcyclohexane                            | ND         |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Methylene Chloride                           | ND         |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Styrene                                      | ND         |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Tetrachloroethene                            | ND         |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Toluene                                      | ND         |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>trans-1,2-Dichloroethene</b>              | <b>4.1</b> |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 13:50 | 1       |
| trans-1,3-Dichloropropene                    | ND         |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>Trichloroethene</b>                       | <b>3.7</b> |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Trichlorofluoromethane                       | ND         |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 13:50 | 1       |
| <b>Vinyl chloride</b>                        | <b>2.3</b> |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 13:50 | 1       |
| Xylenes, Total                               | ND         |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 13:50 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: CB-1**

**Lab Sample ID: 480-228509-1**

**Date Collected: 04/07/25 06:50**

**Matrix: Water**

**Date Received: 04/07/25 14:40**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |          | 04/08/25 13:50 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/08/25 13:50 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 04/08/25 13:50 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/08/25 13:50 | 1       |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-2

Lab Sample ID: 480-228509-2

Date Collected: 04/07/25 07:10

Matrix: Water

Date Received: 04/07/25 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                 | 2.4    |           | 1.0 | 0.82 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 6.0    |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,1-Dichloroethane                    | 4.4    |           | 1.0 | 0.38 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,2,4-Trichlorobenzene                | ND     | +         | 1.0 | 0.41 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/08/25 14:12 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 14:12 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 14:12 | 1       |
| Acetone                               | 560    | E         | 10  | 3.0  | ug/L |   |          | 04/08/25 14:12 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Chloroethane                          | 3.7    |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 14:12 | 1       |
| cis-1,2-Dichloroethene                | 22     |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 14:12 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Dichlorodifluoromethane               | 0.90   | J         | 1.0 | 0.68 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 14:12 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 14:12 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 14:12 | 1       |
| trans-1,2-Dichloroethene              | 4.7    |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 14:12 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Trichloroethene                       | 7.0    |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Vinyl chloride                        | 4.8    |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 14:12 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 14:12 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-2

Lab Sample ID: 480-228509-2

Date Collected: 04/07/25 07:10

Matrix: Water

Date Received: 04/07/25 14:40

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 04/08/25 14:12 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/08/25 14:12 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 73 - 120 |          | 04/08/25 14:12 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/08/25 14:12 | 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     |           | 2.0 | 1.6  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 2.0 | 0.42 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.0 | 0.46 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 4.1    |           | 2.0 | 0.62 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,1-Dichloroethane                    | 4.2    |           | 2.0 | 0.76 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,1-Dichloroethene                    | ND     |           | 2.0 | 0.58 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,2,4-Trichlorobenzene                | ND     |           | 2.0 | 0.82 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 2.0 | 0.78 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,2-Dichlorobenzene                   | ND     |           | 2.0 | 1.6  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,2-Dichloroethane                    | ND     |           | 2.0 | 0.42 | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,2-Dichloropropane                   | ND     |           | 2.0 | 1.4  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,3-Dichlorobenzene                   | ND     |           | 2.0 | 1.6  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,4-Dichlorobenzene                   | ND     |           | 2.0 | 1.7  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 2-Butanone (MEK)                      | ND     |           | 20  | 2.6  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 2-Hexanone                            | ND     |           | 10  | 2.5  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 4.2  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Acetone                               | 580    |           | 20  | 6.0  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Benzene                               | ND     |           | 2.0 | 0.82 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Bromodichloromethane                  | ND     |           | 2.0 | 0.78 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Bromoform                             | ND     |           | 2.0 | 0.52 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Bromomethane                          | ND     |           | 2.0 | 1.4  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Carbon disulfide                      | ND     |           | 2.0 | 0.38 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Carbon tetrachloride                  | ND     |           | 2.0 | 0.54 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Chlorobenzene                         | ND     |           | 2.0 | 1.5  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Dibromochloromethane                  | ND     |           | 2.0 | 0.64 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Chloroethane                          | 3.2    |           | 2.0 | 0.64 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Chloroform                            | ND     |           | 2.0 | 0.68 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Chloromethane                         | ND     |           | 2.0 | 0.70 | ug/L |   |          | 04/09/25 15:20 | 2       |
| cis-1,2-Dichloroethene                | 21     |           | 2.0 | 1.6  | ug/L |   |          | 04/09/25 15:20 | 2       |
| cis-1,3-Dichloropropene               | ND     |           | 2.0 | 0.72 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Cyclohexane                           | ND     |           | 2.0 | 0.36 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Dichlorodifluoromethane               | ND     | +         | 2.0 | 1.4  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Ethylbenzene                          | ND     |           | 2.0 | 1.5  | ug/L |   |          | 04/09/25 15:20 | 2       |
| 1,2-Dibromoethane                     | ND     |           | 2.0 | 1.5  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Isopropylbenzene                      | ND     |           | 2.0 | 1.6  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Methyl acetate                        | ND     |           | 5.0 | 2.6  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Methyl tert-butyl ether               | ND     |           | 2.0 | 0.32 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Methylcyclohexane                     | ND     |           | 2.0 | 0.32 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Methylene Chloride                    | ND     |           | 2.0 | 0.88 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Styrene                               | ND     |           | 2.0 | 1.5  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Tetrachloroethene                     | ND     |           | 2.0 | 0.72 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Toluene                               | ND     |           | 2.0 | 1.0  | ug/L |   |          | 04/09/25 15:20 | 2       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-2

Lab Sample ID: 480-228509-2

Date Collected: 04/07/25 07:10

Matrix: Water

Date Received: 04/07/25 14:40

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

| Analyte                   | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| trans-1,2-Dichloroethene  | 4.1    |           | 2.0 | 1.8  | ug/L |   |          | 04/09/25 15:20 | 2       |
| trans-1,3-Dichloropropene | ND     |           | 2.0 | 0.74 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Trichloroethene           | 6.4    |           | 2.0 | 0.92 | ug/L |   |          | 04/09/25 15:20 | 2       |
| Trichlorofluoromethane    | ND     |           | 2.0 | 1.8  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Vinyl chloride            | 4.0    |           | 2.0 | 1.8  | ug/L |   |          | 04/09/25 15:20 | 2       |
| Xylenes, Total            | ND     |           | 4.0 | 1.3  | ug/L |   |          | 04/09/25 15:20 | 2       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/09/25 15:20 | 2       |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 77 - 120 |          | 04/09/25 15:20 | 2       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 73 - 120 |          | 04/09/25 15:20 | 2       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/09/25 15:20 | 2       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-3

Lab Sample ID: 480-228509-3

Date Collected: 04/07/25 07:25

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/09/25 15:42 | 20      |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 20  | 4.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,1,2-Trichloroethane                 | ND     |           | 20  | 4.6 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 20  | 6.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,1-Dichloroethane                    | ND     |           | 20  | 7.6 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,1-Dichloroethene                    | ND     |           | 20  | 5.8 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,2,4-Trichlorobenzene                | ND     | F1        | 20  | 8.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 20  | 7.8 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,2-Dichlorobenzene                   | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,2-Dichloroethane                    | ND     |           | 20  | 4.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,2-Dichloropropane                   | ND     |           | 20  | 14  | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,3-Dichlorobenzene                   | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,4-Dichlorobenzene                   | ND     |           | 20  | 17  | ug/L |   |          | 04/09/25 15:42 | 20      |
| 2-Butanone (MEK)                      | ND     |           | 200 | 26  | ug/L |   |          | 04/09/25 15:42 | 20      |
| 2-Hexanone                            | ND     |           | 100 | 25  | ug/L |   |          | 04/09/25 15:42 | 20      |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 100 | 42  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Acetone                               | 8800   |           | 200 | 60  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Benzene                               | ND     |           | 20  | 8.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Bromodichloromethane                  | ND     |           | 20  | 7.8 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Bromoform                             | ND     |           | 20  | 5.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Bromomethane                          | ND     |           | 20  | 14  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Carbon disulfide                      | ND     |           | 20  | 3.8 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Carbon tetrachloride                  | ND     |           | 20  | 5.4 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Chlorobenzene                         | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Dibromochloromethane                  | ND     |           | 20  | 6.4 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Chloroethane                          | ND     |           | 20  | 6.4 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Chloroform                            | ND     |           | 20  | 6.8 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Chloromethane                         | ND     |           | 20  | 7.0 | ug/L |   |          | 04/09/25 15:42 | 20      |
| cis-1,2-Dichloroethene                | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 15:42 | 20      |
| cis-1,3-Dichloropropene               | ND     |           | 20  | 7.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Cyclohexane                           | ND     |           | 20  | 3.6 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Dichlorodifluoromethane               | ND     | *+        | 20  | 14  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Ethylbenzene                          | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 15:42 | 20      |
| 1,2-Dibromoethane                     | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Isopropylbenzene                      | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Methyl acetate                        | ND     |           | 50  | 26  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Methyl tert-butyl ether               | ND     |           | 20  | 3.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Methylcyclohexane                     | ND     |           | 20  | 3.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Methylene Chloride                    | ND     |           | 20  | 8.8 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Styrene                               | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Tetrachloroethene                     | ND     |           | 20  | 7.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Toluene                               | ND     |           | 20  | 10  | ug/L |   |          | 04/09/25 15:42 | 20      |
| trans-1,2-Dichloroethene              | ND     |           | 20  | 18  | ug/L |   |          | 04/09/25 15:42 | 20      |
| trans-1,3-Dichloropropene             | ND     |           | 20  | 7.4 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Trichloroethene                       | ND     |           | 20  | 9.2 | ug/L |   |          | 04/09/25 15:42 | 20      |
| Trichlorofluoromethane                | ND     |           | 20  | 18  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Vinyl chloride                        | ND     |           | 20  | 18  | ug/L |   |          | 04/09/25 15:42 | 20      |
| Xylenes, Total                        | ND     |           | 40  | 13  | ug/L |   |          | 04/09/25 15:42 | 20      |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: CB-3**  
**Date Collected: 04/07/25 07:25**  
**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-3**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 04/09/25 15:42 | 20      |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 77 - 120 |          | 04/09/25 15:42 | 20      |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 73 - 120 |          | 04/09/25 15:42 | 20      |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 123 |          | 04/09/25 15:42 | 20      |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-4

Lab Sample ID: 480-228509-4

Date Collected: 04/07/25 07:40

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/09/25 16:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/09/25 16:04 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/09/25 16:04 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/09/25 16:04 | 1       |
| Acetone                               | 79     |           | 10  | 3.0  | ug/L |   |          | 04/09/25 16:04 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/09/25 16:04 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/09/25 16:04 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Dichlorodifluoromethane               | ND     | +         | 1.0 | 0.68 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/09/25 16:04 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/09/25 16:04 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/09/25 16:04 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/09/25 16:04 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/09/25 16:04 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/09/25 16:04 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: CB-4**

**Lab Sample ID: 480-228509-4**

**Date Collected: 04/07/25 07:40**

**Matrix: Water**

**Date Received: 04/07/25 14:40**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 04/09/25 16:04 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/09/25 16:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 73 - 120 |          | 04/09/25 16:04 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 123 |          | 04/09/25 16:04 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-E

Lab Sample ID: 480-228509-5

Date Collected: 04/07/25 07:55

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/08/25 15:19 | 2       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 2.0 | 0.42 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,1,2-Trichloroethane                 | ND     |           | 2.0 | 0.46 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 7.7    |           | 2.0 | 0.62 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,1-Dichloroethane                    | 8.9    |           | 2.0 | 0.76 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,1-Dichloroethene                    | 1.1    | J         | 2.0 | 0.58 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,2,4-Trichlorobenzene                | ND     | *+        | 2.0 | 0.82 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 2.0 | 0.78 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,2-Dichlorobenzene                   | ND     |           | 2.0 | 1.6  | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,2-Dichloroethane                    | ND     |           | 2.0 | 0.42 | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,2-Dichloropropane                   | ND     |           | 2.0 | 1.4  | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,3-Dichlorobenzene                   | ND     |           | 2.0 | 1.6  | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,4-Dichlorobenzene                   | ND     |           | 2.0 | 1.7  | ug/L |   |          | 04/08/25 15:19 | 2       |
| 2-Butanone (MEK)                      | ND     |           | 20  | 2.6  | ug/L |   |          | 04/08/25 15:19 | 2       |
| 2-Hexanone                            | ND     |           | 10  | 2.5  | ug/L |   |          | 04/08/25 15:19 | 2       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 10  | 4.2  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Acetone                               | 5900   | E         | 20  | 6.0  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Benzene                               | ND     |           | 2.0 | 0.82 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Bromodichloromethane                  | ND     |           | 2.0 | 0.78 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Bromoform                             | ND     |           | 2.0 | 0.52 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Bromomethane                          | ND     |           | 2.0 | 1.4  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Carbon disulfide                      | ND     |           | 2.0 | 0.38 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Carbon tetrachloride                  | ND     |           | 2.0 | 0.54 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Chlorobenzene                         | ND     |           | 2.0 | 1.5  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Dibromochloromethane                  | ND     |           | 2.0 | 0.64 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Chloroethane                          | 14     |           | 2.0 | 0.64 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Chloroform                            | ND     |           | 2.0 | 0.68 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Chloromethane                         | ND     |           | 2.0 | 0.70 | ug/L |   |          | 04/08/25 15:19 | 2       |
| cis-1,2-Dichloroethene                | 9.0    |           | 2.0 | 1.6  | ug/L |   |          | 04/08/25 15:19 | 2       |
| cis-1,3-Dichloropropene               | ND     |           | 2.0 | 0.72 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Cyclohexane                           | ND     |           | 2.0 | 0.36 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Dichlorodifluoromethane               | 4.3    |           | 2.0 | 1.4  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Ethylbenzene                          | 2.2    |           | 2.0 | 1.5  | ug/L |   |          | 04/08/25 15:19 | 2       |
| 1,2-Dibromoethane                     | ND     |           | 2.0 | 1.5  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Isopropylbenzene                      | ND     |           | 2.0 | 1.6  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Methyl acetate                        | ND     |           | 5.0 | 2.6  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Methyl tert-butyl ether               | ND     |           | 2.0 | 0.32 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Methylcyclohexane                     | 1.1    | J         | 2.0 | 0.32 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Methylene Chloride                    | ND     |           | 2.0 | 0.88 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Styrene                               | ND     |           | 2.0 | 1.5  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Tetrachloroethene                     | ND     |           | 2.0 | 0.72 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Toluene                               | ND     |           | 2.0 | 1.0  | ug/L |   |          | 04/08/25 15:19 | 2       |
| trans-1,2-Dichloroethene              | ND     |           | 2.0 | 1.8  | ug/L |   |          | 04/08/25 15:19 | 2       |
| trans-1,3-Dichloropropene             | ND     |           | 2.0 | 0.74 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Trichloroethene                       | ND     |           | 2.0 | 0.92 | ug/L |   |          | 04/08/25 15:19 | 2       |
| Trichlorofluoromethane                | ND     |           | 2.0 | 1.8  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Vinyl chloride                        | 4.9    |           | 2.0 | 1.8  | ug/L |   |          | 04/08/25 15:19 | 2       |
| Xylenes, Total                        | 9.2    |           | 4.0 | 1.3  | ug/L |   |          | 04/08/25 15:19 | 2       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: CB-E

Lab Sample ID: 480-228509-5

Date Collected: 04/07/25 07:55

Matrix: Water

Date Received: 04/07/25 14:40

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 108       |           | 80 - 120 |          | 04/08/25 15:19 | 2       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/08/25 15:19 | 2       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 73 - 120 |          | 04/08/25 15:19 | 2       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/08/25 15:19 | 2       |

## 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     |           | 20  | 16  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 20  | 4.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,1,2-Trichloroethane                 | ND     |           | 20  | 4.6 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 7.5    | J         | 20  | 6.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,1-Dichloroethane                    | 9.1    | J         | 20  | 7.6 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,1-Dichloroethene                    | ND     |           | 20  | 5.8 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,2,4-Trichlorobenzene                | ND     |           | 20  | 8.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 20  | 7.8 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,2-Dichlorobenzene                   | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,2-Dichloroethane                    | ND     |           | 20  | 4.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,2-Dichloropropane                   | ND     |           | 20  | 14  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,3-Dichlorobenzene                   | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,4-Dichlorobenzene                   | ND     |           | 20  | 17  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 2-Butanone (MEK)                      | ND     |           | 200 | 26  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 2-Hexanone                            | ND     |           | 100 | 25  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 100 | 42  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Acetone                               | 6900   |           | 200 | 60  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Benzene                               | ND     |           | 20  | 8.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Bromodichloromethane                  | ND     |           | 20  | 7.8 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Bromoform                             | ND     |           | 20  | 5.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Bromomethane                          | ND     |           | 20  | 14  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Carbon disulfide                      | ND     |           | 20  | 3.8 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Carbon tetrachloride                  | ND     |           | 20  | 5.4 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Chlorobenzene                         | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Dibromochloromethane                  | ND     |           | 20  | 6.4 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Chloroethane                          | 14     | J         | 20  | 6.4 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Chloroform                            | ND     |           | 20  | 6.8 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Chloromethane                         | ND     |           | 20  | 7.0 | ug/L |   |          | 04/09/25 16:27 | 20      |
| cis-1,2-Dichloroethene                | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 16:27 | 20      |
| cis-1,3-Dichloropropene               | ND     |           | 20  | 7.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Cyclohexane                           | ND     |           | 20  | 3.6 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Dichlorodifluoromethane               | ND     | +         | 20  | 14  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Ethylbenzene                          | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 16:27 | 20      |
| 1,2-Dibromoethane                     | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Isopropylbenzene                      | ND     |           | 20  | 16  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Methyl acetate                        | ND     |           | 50  | 26  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Methyl tert-butyl ether               | ND     |           | 20  | 3.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Methylcyclohexane                     | ND     |           | 20  | 3.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Methylene Chloride                    | ND     |           | 20  | 8.8 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Styrene                               | ND     |           | 20  | 15  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Tetrachloroethene                     | ND     |           | 20  | 7.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Toluene                               | ND     |           | 20  | 10  | ug/L |   |          | 04/09/25 16:27 | 20      |

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# Client Sample Results

Client: AECOM

Job ID: 480-228450-1

Project/Site: Scott Figgie Area 1 BCP

**Client Sample ID: CB-E**

**Lab Sample ID: 480-228509-5**

**Date Collected: 04/07/25 07:55**

**Matrix: Water**

**Date Received: 04/07/25 14:40**

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

| Analyte                   | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|----|-----|------|---|----------|----------------|---------|
| trans-1,2-Dichloroethene  | ND     |           | 20 | 18  | ug/L |   |          | 04/09/25 16:27 | 20      |
| trans-1,3-Dichloropropene | ND     |           | 20 | 7.4 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Trichloroethene           | ND     |           | 20 | 9.2 | ug/L |   |          | 04/09/25 16:27 | 20      |
| Trichlorofluoromethane    | ND     |           | 20 | 18  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Vinyl chloride            | ND     |           | 20 | 18  | ug/L |   |          | 04/09/25 16:27 | 20      |
| Xylenes, Total            | ND     |           | 40 | 13  | ug/L |   |          | 04/09/25 16:27 | 20      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/09/25 16:27 | 20      |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/09/25 16:27 | 20      |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 04/09/25 16:27 | 20      |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/09/25 16:27 | 20      |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: TP-5

Lab Sample ID: 480-228509-6

Date Collected: 04/07/25 06:35

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/09/25 16:49 | 1       |
| 1,1,2,2-Tetrachloroethane                    | ND            |           | 1.0 | 0.21 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,1,2-Trichloroethane                        | ND            |           | 1.0 | 0.23 | ug/L |   |          | 04/09/25 16:49 | 1       |
| <b>1,1,2-Trichloro-1,2,2-trifluoroethane</b> | <b>1.8</b>    |           | 1.0 | 0.31 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,1-Dichloroethane                           | ND            |           | 1.0 | 0.38 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,1-Dichloroethene                           | ND            |           | 1.0 | 0.29 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,2,4-Trichlorobenzene                       | ND            |           | 1.0 | 0.41 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,2-Dibromo-3-Chloropropane                  | ND            |           | 1.0 | 0.39 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,2-Dichlorobenzene                          | ND            |           | 1.0 | 0.79 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,2-Dichloroethane                           | ND            |           | 1.0 | 0.21 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,2-Dichloropropane                          | ND            |           | 1.0 | 0.72 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,3-Dichlorobenzene                          | ND            |           | 1.0 | 0.78 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,4-Dichlorobenzene                          | ND            |           | 1.0 | 0.84 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 2-Butanone (MEK)                             | ND            |           | 10  | 1.3  | ug/L |   |          | 04/09/25 16:49 | 1       |
| 2-Hexanone                                   | ND            |           | 5.0 | 1.2  | ug/L |   |          | 04/09/25 16:49 | 1       |
| 4-Methyl-2-pentanone (MIBK)                  | ND            |           | 5.0 | 2.1  | ug/L |   |          | 04/09/25 16:49 | 1       |
| <b>Acetone</b>                               | <b>51</b>     |           | 10  | 3.0  | ug/L |   |          | 04/09/25 16:49 | 1       |
| Benzene                                      | ND            |           | 1.0 | 0.41 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Bromodichloromethane                         | ND            |           | 1.0 | 0.39 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Bromoform                                    | ND            |           | 1.0 | 0.26 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Bromomethane                                 | ND            |           | 1.0 | 0.69 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Carbon disulfide                             | ND            |           | 1.0 | 0.19 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Carbon tetrachloride                         | ND            |           | 1.0 | 0.27 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Chlorobenzene                                | ND            |           | 1.0 | 0.75 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Dibromochloromethane                         | ND            |           | 1.0 | 0.32 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Chloroethane                                 | ND            |           | 1.0 | 0.32 | ug/L |   |          | 04/09/25 16:49 | 1       |
| <b>Chloroform</b>                            | <b>0.50 J</b> |           | 1.0 | 0.34 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Chloromethane                                | ND            |           | 1.0 | 0.35 | ug/L |   |          | 04/09/25 16:49 | 1       |
| <b>cis-1,2-Dichloroethene</b>                | <b>0.98 J</b> |           | 1.0 | 0.81 | ug/L |   |          | 04/09/25 16:49 | 1       |
| cis-1,3-Dichloropropene                      | ND            |           | 1.0 | 0.36 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Cyclohexane                                  | ND            |           | 1.0 | 0.18 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Dichlorodifluoromethane                      | ND            | +         | 1.0 | 0.68 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Ethylbenzene                                 | ND            |           | 1.0 | 0.74 | ug/L |   |          | 04/09/25 16:49 | 1       |
| 1,2-Dibromoethane                            | ND            |           | 1.0 | 0.73 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Isopropylbenzene                             | ND            |           | 1.0 | 0.79 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Methyl acetate                               | ND            |           | 2.5 | 1.3  | ug/L |   |          | 04/09/25 16:49 | 1       |
| Methyl tert-butyl ether                      | ND            |           | 1.0 | 0.16 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Methylcyclohexane                            | ND            |           | 1.0 | 0.16 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Methylene Chloride                           | ND            |           | 1.0 | 0.44 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Styrene                                      | ND            |           | 1.0 | 0.73 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Tetrachloroethene                            | ND            |           | 1.0 | 0.36 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Toluene                                      | ND            |           | 1.0 | 0.51 | ug/L |   |          | 04/09/25 16:49 | 1       |
| <b>trans-1,2-Dichloroethene</b>              | <b>4.7</b>    |           | 1.0 | 0.90 | ug/L |   |          | 04/09/25 16:49 | 1       |
| trans-1,3-Dichloropropene                    | ND            |           | 1.0 | 0.37 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Trichloroethene                              | ND            |           | 1.0 | 0.46 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Trichlorofluoromethane                       | ND            |           | 1.0 | 0.88 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Vinyl chloride                               | ND            |           | 1.0 | 0.90 | ug/L |   |          | 04/09/25 16:49 | 1       |
| Xylenes, Total                               | ND            |           | 2.0 | 0.66 | ug/L |   |          | 04/09/25 16:49 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: TP-5**  
**Date Collected: 04/07/25 06:35**  
**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-6**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 04/09/25 16:49 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/09/25 16:49 | 1       |
| 4-Bromofluorobenzene (Surr)  | 106       |           | 73 - 120 |          | 04/09/25 16:49 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/09/25 16:49 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: TP-6

Lab Sample ID: 480-228509-7

Date Collected: 04/07/25 06:15

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/08/25 16:04 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,2,4-Trichlorobenzene                | ND     | +         | 1.0 | 0.41 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/08/25 16:04 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 16:04 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 16:04 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/08/25 16:04 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 16:04 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 16:04 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 16:04 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 16:04 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 16:04 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 16:04 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 16:04 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 16:04 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: TP-6**  
**Date Collected: 04/07/25 06:15**  
**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-7**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 04/08/25 16:04 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/08/25 16:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 73 - 120 |          | 04/08/25 16:04 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 04/08/25 16:04 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-228509-8

Date Collected: 04/07/25 00:00

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/08/25 16:26 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,2,4-Trichlorobenzene                | ND     | +         | 1.0 | 0.41 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/08/25 16:26 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 16:26 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 16:26 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/08/25 16:26 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 16:26 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 16:26 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 16:26 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 16:26 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 16:26 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 16:26 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 16:26 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 16:26 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: Trip Blank**  
**Date Collected: 04/07/25 00:00**  
**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-8**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/08/25 16:26 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/08/25 16:26 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 73 - 120 |          | 04/08/25 16:26 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 123 |          | 04/08/25 16:26 | 1       |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-228509-9

Date Collected: 04/07/25 13:45

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/08/25 16:48 | 1       |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,2,4-Trichlorobenzene                | ND     | *+        | 1.0 | 0.41 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/08/25 16:48 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 16:48 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 16:48 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/08/25 16:48 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Chloroform                            | 0.38   | J         | 1.0 | 0.34 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 16:48 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 16:48 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 16:48 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 16:48 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 16:48 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 16:48 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 16:48 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 16:48 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: Rinse Blank**  
**Date Collected: 04/07/25 13:45**  
**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-9**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/08/25 16:48 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 04/08/25 16:48 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 04/08/25 16:48 | 1       |
| Dibromofluoromethane (Surr)  | 111       |           | 75 - 123 |          | 04/08/25 16:48 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-36S

Lab Sample ID: 480-228509-10

Date Collected: 04/07/25 13:20

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/08/25 17:11 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 17:11 | 1       |
| <b>1,1-Dichloroethane</b>             | <b>0.59</b> | <b>J</b>  | 1.0 | 0.38 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,1-Dichloroethene                    | ND          |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,2,4-Trichlorobenzene                | ND          | *+        | 1.0 | 0.41 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,2-Dichloroethane                    | ND          |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 10  | 1.3  | ug/L |   |          | 04/08/25 17:11 | 1       |
| 2-Hexanone                            | ND          |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 17:11 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 17:11 | 1       |
| Acetone                               | ND          |           | 10  | 3.0  | ug/L |   |          | 04/08/25 17:11 | 1       |
| Benzene                               | ND          |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Chloroethane                          | ND          |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 17:11 | 1       |
| <b>cis-1,2-Dichloroethene</b>         | <b>4.4</b>  |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 17:11 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Cyclohexane                           | ND          |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Dichlorodifluoromethane               | ND          |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Ethylbenzene                          | ND          |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 17:11 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Methyl acetate                        | ND          |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 17:11 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Methylcyclohexane                     | ND          |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Methylene Chloride                    | ND          |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Styrene                               | ND          |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Toluene                               | ND          |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 17:11 | 1       |
| trans-1,2-Dichloroethene              | ND          |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 17:11 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Trichloroethene                       | ND          |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Trichlorofluoromethane                | ND          |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 17:11 | 1       |
| <b>Vinyl chloride</b>                 | <b>5.8</b>  |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 17:11 | 1       |
| Xylenes, Total                        | ND          |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 17:11 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-36S**

**Lab Sample ID: 480-228509-10**

**Date Collected: 04/07/25 13:20**

**Matrix: Water**

**Date Received: 04/07/25 14:40**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 107       |           | 80 - 120 |          | 04/08/25 17:11 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/08/25 17:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 73 - 120 |          | 04/08/25 17:11 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 123 |          | 04/08/25 17:11 | 1       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 3.7    |           | 1.0 | 0.43 | mg/L |   |          | 04/11/25 21:05 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: AI-GP09-S

Lab Sample ID: 480-228509-11

Date Collected: 04/07/25 12:25

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/08/25 17:33 | 1       |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,1-Dichloroethane                    | 0.96   | J         | 1.0 | 0.38 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,2,4-Trichlorobenzene                | ND     | *+        | 1.0 | 0.41 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/08/25 17:33 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 17:33 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 17:33 | 1       |
| Acetone                               | 65     |           | 10  | 3.0  | ug/L |   |          | 04/08/25 17:33 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 17:33 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 17:33 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 17:33 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 17:33 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 17:33 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 17:33 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 17:33 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 17:33 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: AI-GP09-S**

**Lab Sample ID: 480-228509-11**

**Date Collected: 04/07/25 12:25**

**Matrix: Water**

**Date Received: 04/07/25 14:40**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 04/08/25 17:33 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 04/08/25 17:33 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 04/08/25 17:33 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 123 |          | 04/08/25 17:33 | 1       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 11.6   |           | 1.0 | 0.43 | mg/L |   |          | 04/11/25 21:33 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-39D

Lab Sample ID: 480-228509-12

Date Collected: 04/07/25 11:40

Matrix: Water

Date Received: 04/07/25 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     |           | 8.0 | 6.6 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 8.0 | 1.7 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,1,2-Trichloroethane                 | ND     |           | 8.0 | 1.8 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 8.0 | 2.5 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,1-Dichloroethane                    | ND     |           | 8.0 | 3.0 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,1-Dichloroethene                    | ND     |           | 8.0 | 2.3 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,2,4-Trichlorobenzene                | ND     | *+ F1     | 8.0 | 3.3 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 8.0 | 3.1 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,2-Dichlorobenzene                   | ND     |           | 8.0 | 6.3 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,2-Dichloroethane                    | ND     |           | 8.0 | 1.7 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,2-Dichloropropane                   | ND     |           | 8.0 | 5.8 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,3-Dichlorobenzene                   | ND     |           | 8.0 | 6.2 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,4-Dichlorobenzene                   | ND     |           | 8.0 | 6.7 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 2-Butanone (MEK)                      | ND     |           | 80  | 11  | ug/L |   |          | 04/08/25 17:55 | 8       |
| 2-Hexanone                            | ND     |           | 40  | 9.9 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 40  | 17  | ug/L |   |          | 04/08/25 17:55 | 8       |
| Acetone                               | ND     |           | 80  | 24  | ug/L |   |          | 04/08/25 17:55 | 8       |
| Benzene                               | ND     |           | 8.0 | 3.3 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Bromodichloromethane                  | ND     |           | 8.0 | 3.1 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Bromoform                             | ND     |           | 8.0 | 2.1 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Bromomethane                          | ND     |           | 8.0 | 5.5 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Carbon disulfide                      | ND     |           | 8.0 | 1.5 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Carbon tetrachloride                  | ND     |           | 8.0 | 2.2 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Chlorobenzene                         | ND     |           | 8.0 | 6.0 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Dibromochloromethane                  | ND     |           | 8.0 | 2.6 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Chloroethane                          | ND     |           | 8.0 | 2.6 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Chloroform                            | ND     |           | 8.0 | 2.7 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Chloromethane                         | ND     |           | 8.0 | 2.8 | ug/L |   |          | 04/08/25 17:55 | 8       |
| cis-1,2-Dichloroethene                | ND     |           | 8.0 | 6.5 | ug/L |   |          | 04/08/25 17:55 | 8       |
| cis-1,3-Dichloropropene               | ND     |           | 8.0 | 2.9 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Cyclohexane                           | ND     |           | 8.0 | 1.4 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Dichlorodifluoromethane               | ND     |           | 8.0 | 5.4 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Ethylbenzene                          | ND     |           | 8.0 | 5.9 | ug/L |   |          | 04/08/25 17:55 | 8       |
| 1,2-Dibromoethane                     | ND     |           | 8.0 | 5.8 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Isopropylbenzene                      | ND     |           | 8.0 | 6.3 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Methyl acetate                        | ND     |           | 20  | 10  | ug/L |   |          | 04/08/25 17:55 | 8       |
| Methyl tert-butyl ether               | ND     |           | 8.0 | 1.3 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Methylcyclohexane                     | ND     |           | 8.0 | 1.3 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Methylene Chloride                    | ND     |           | 8.0 | 3.5 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Styrene                               | ND     |           | 8.0 | 5.8 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Tetrachloroethene                     | ND     | F1        | 8.0 | 2.9 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Toluene                               | ND     |           | 8.0 | 4.1 | ug/L |   |          | 04/08/25 17:55 | 8       |
| trans-1,2-Dichloroethene              | ND     |           | 8.0 | 7.2 | ug/L |   |          | 04/08/25 17:55 | 8       |
| trans-1,3-Dichloropropene             | ND     |           | 8.0 | 3.0 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Trichloroethene                       | ND     |           | 8.0 | 3.7 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Trichlorofluoromethane                | ND     |           | 8.0 | 7.0 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Vinyl chloride                        | ND     |           | 8.0 | 7.2 | ug/L |   |          | 04/08/25 17:55 | 8       |
| Xylenes, Total                        | ND     |           | 16  | 5.3 | ug/L |   |          | 04/08/25 17:55 | 8       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-39D**

**Lab Sample ID: 480-228509-12**

**Date Collected: 04/07/25 11:40**

**Matrix: Water**

**Date Received: 04/07/25 14:40**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/08/25 17:55 | 8       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/08/25 17:55 | 8       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 73 - 120 |          | 04/08/25 17:55 | 8       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 123 |          | 04/08/25 17:55 | 8       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 17.9   |           | 1.0 | 0.43 | mg/L |   |          | 04/11/25 22:02 | 1       |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-37D

Lab Sample ID: 480-228509-13

Date Collected: 04/07/25 11:00

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/08/25 18:17 | 1       |
| 1,1,1,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,2,4-Trichlorobenzene                | ND     | +         | 1.0 | 0.41 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/08/25 18:17 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/08/25 18:17 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/08/25 18:17 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/08/25 18:17 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/08/25 18:17 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/08/25 18:17 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/08/25 18:17 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/08/25 18:17 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/08/25 18:17 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 18:17 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/08/25 18:17 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/08/25 18:17 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-37D**

**Lab Sample ID: 480-228509-13**

**Date Collected: 04/07/25 11:00**

**Matrix: Water**

**Date Received: 04/07/25 14:40**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 107       |           | 80 - 120 |          | 04/08/25 18:17 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 77 - 120 |          | 04/08/25 18:17 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 73 - 120 |          | 04/08/25 18:17 | 1       |
| Dibromofluoromethane (Surr)  | 112       |           | 75 - 123 |          | 04/08/25 18:17 | 1       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 1.7    |           | 1.0 | 0.43 | mg/L |   |          | 04/11/25 22:30 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: AI-GP18-S

Lab Sample ID: 480-228509-14

Date Collected: 04/07/25 10:00

Matrix: Water

Date Received: 04/07/25 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 |   |          | 04/09/25 17:11 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/09/25 17:11 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/09/25 17:11 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/09/25 17:11 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/09/25 17:11 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/09/25 17:11 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/09/25 17:11 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Dichlorodifluoromethane               | ND     | +         | 1.0 | 0.68 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/09/25 17:11 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/09/25 17:11 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Methylcyclohexane                     | 0.26   | J         | 1.0 | 0.16 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/09/25 17:11 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/09/25 17:11 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/09/25 17:11 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/09/25 17:11 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: AI-GP18-S

Lab Sample ID: 480-228509-14

Date Collected: 04/07/25 10:00

Matrix: Water

Date Received: 04/07/25 14:40

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/09/25 17:11 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 77 - 120 |          | 04/09/25 17:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 73 - 120 |          | 04/09/25 17:11 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 123 |          | 04/09/25 17:11 | 1       |

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 44000  |           | 10000 | 5000 | ug/L |   |          | 04/18/25 17:51 | 1       |
| Ethane         | 3.0    | J B       | 7.5   | 1.5  | ug/L |   |          | 04/10/25 12:40 | 1       |
| Ethene         | 1.7    | J B       | 7.0   | 1.5  | ug/L |   |          | 04/10/25 12:40 | 1       |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|------|---|----------|----------------|---------|
| Methane | 940    | B         | 88 | 22  | ug/L |   |          | 04/10/25 14:33 | 22      |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Nitrate as N (EPA 300.0)           | ND     |           | 0.10  | 0.050 | mg/L |   |          | 04/08/25 18:15 | 2       |
| Sulfate (EPA 300.0)                | 41.8   |           | 4.0   | 0.70  | mg/L |   |          | 04/08/25 18:15 | 2       |
| Nitrite as N (EPA 300.0)           | ND     |           | 0.10  | 0.050 | mg/L |   |          | 04/08/25 18:15 | 2       |
| Alkalinity, Total (EPA 310.2)      | 253    |           | 50.0  | 20.0  | mg/L |   |          | 04/08/25 10:34 | 5       |
| Nitrate as N (EPA 353.2)           | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 04/09/25 16:31 | 1       |
| Nitrite as N (EPA 353.2)           | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 04/09/25 19:05 | 1       |
| Total Organic Carbon (SW846 9060A) | 8.3    |           | 1.0   | 0.43  | mg/L |   |          | 04/11/25 22:58 | 1       |
| Sulfide (SM 4500 S2 F)             | 0.80   | J         | 1.0   | 0.67  | mg/L |   |          | 04/09/25 14:37 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 0.39   | HF        | 0.10 | 0.075 | mg/L |   |          | 04/09/25 08:32 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: AI-GP06-S

Lab Sample ID: 480-228509-15

Date Collected: 04/07/25 09:00

Matrix: Water

Date Received: 04/07/25 14:40

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 56000  |           | 10000 | 5000 | ug/L |   |          | 04/18/25 18:01 | 1       |
| Ethane         | 3.6    | J B       | 7.5   | 1.5  | ug/L |   |          | 04/10/25 12:59 | 1       |
| Ethene         | 8.0    | B         | 7.0   | 1.5  | ug/L |   |          | 04/10/25 12:59 | 1       |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 14000  | B         | 180 | 44  | ug/L |   |          | 04/10/25 14:52 | 44      |

## General Chemistry

| Analyte                       | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Nitrate as N (EPA 300.0)      | ND     |           | 0.10  | 0.050 | mg/L |   |          | 04/08/25 18:30 | 2       |
| Sulfate (EPA 300.0)           | 7.2    |           | 4.0   | 0.70  | mg/L |   |          | 04/08/25 18:30 | 2       |
| Nitrite as N (EPA 300.0)      | ND     |           | 0.10  | 0.050 | mg/L |   |          | 04/08/25 18:30 | 2       |
| Alkalinity, Total (EPA 310.2) | 332    |           | 50.0  | 20.0  | mg/L |   |          | 04/08/25 10:33 | 5       |
| Nitrate as N (EPA 353.2)      | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 04/09/25 16:32 | 1       |
| Nitrite as N (EPA 353.2)      | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 04/09/25 19:06 | 1       |
| Sulfide (SM 4500 S2 F)        | ND     |           | 1.0   | 0.67  | mg/L |   |          | 04/09/25 14:37 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 0.89   | HF        | 0.10 | 0.075 | mg/L |   |          | 04/09/25 08:32 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: AI-GP10-S

Lab Sample ID: 480-228509-16

Date Collected: 04/07/25 08:35

Matrix: Water

Date Received: 04/07/25 14:40

## Method: RSK-175 - Dissolved Gases (GC)

| Analyte        | Result | Qualifier | RL    | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|------|------|---|----------|----------------|---------|
| Carbon dioxide | 100000 |           | 10000 | 5000 | ug/L |   |          | 04/18/25 18:11 | 1       |
| Ethane         | 22     | B         | 7.5   | 1.5  | ug/L |   |          | 04/10/25 13:17 | 1       |
| Ethene         | 53     | B         | 7.0   | 1.5  | ug/L |   |          | 04/10/25 13:17 | 1       |

## Method: RSK-175 - Dissolved Gases (GC) - DL

| Analyte | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Methane | 9400   | B         | 440 | 110 | ug/L |   |          | 04/10/25 15:11 | 110     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Nitrate as N (EPA 300.0)           | ND     |           | 0.10  | 0.050 | mg/L |   |          | 04/08/25 18:45 | 2       |
| Sulfate (EPA 300.0)                | 4.1    |           | 4.0   | 0.70  | mg/L |   |          | 04/08/25 18:45 | 2       |
| Nitrite as N (EPA 300.0)           | ND     |           | 0.10  | 0.050 | mg/L |   |          | 04/08/25 18:45 | 2       |
| Alkalinity, Total (EPA 310.2)      | 501    |           | 100   | 40.0  | mg/L |   |          | 04/08/25 11:50 | 10      |
| Nitrate as N (EPA 353.2)           | 0.028  | J H       | 0.050 | 0.020 | mg/L |   |          | 04/09/25 16:34 | 1       |
| Nitrite as N (EPA 353.2)           | ND     | H         | 0.050 | 0.020 | mg/L |   |          | 04/09/25 19:06 | 1       |
| Total Organic Carbon (SW846 9060A) | 171    |           | 2.0   | 0.87  | mg/L |   |          | 04/12/25 03:09 | 2       |
| Sulfide (SM 4500 S2 F)             | ND     |           | 1.0   | 0.67  | mg/L |   |          | 04/09/25 14:37 | 1       |

## General Chemistry - Dissolved

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Ferrous Iron (SM 3500 FE D) | 0.45   | HF        | 0.10 | 0.075 | mg/L |   |          | 04/09/25 08:32 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-35S

Lab Sample ID: 480-228586-1

Date Collected: 04/08/25 09:20

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/11/25 09:47 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/11/25 09:47 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/11/25 09:47 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/11/25 09:47 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/11/25 09:47 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/11/25 09:47 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/11/25 09:47 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/11/25 09:47 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/11/25 09:47 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/11/25 09:47 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/11/25 09:47 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/11/25 09:47 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/11/25 09:47 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-35S**

**Lab Sample ID: 480-228586-1**

**Date Collected: 04/08/25 09:20**

**Matrix: Water**

**Date Received: 04/09/25 12:36**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 04/11/25 09:47 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/11/25 09:47 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 73 - 120 |          | 04/11/25 09:47 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 123 |          | 04/11/25 09:47 | 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 |   |          | 04/12/25 17:57 | 1       |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: DUP

Lab Sample ID: 480-228586-2

Date Collected: 04/08/25 00:00

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/11/25 10:11 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/11/25 10:11 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/11/25 10:11 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/11/25 10:11 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/11/25 10:11 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/11/25 10:11 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/11/25 10:11 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Dichlorodifluoromethane               | ND     |           | 1.0 | 0.68 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/11/25 10:11 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/11/25 10:11 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/11/25 10:11 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/11/25 10:11 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/11/25 10:11 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/11/25 10:11 | 1       |

Euofins Buffalo

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: DUP**  
**Date Collected: 04/08/25 00:00**  
**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-2**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 98        |           | 80 - 120 |          | 04/11/25 10:11 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 77 - 120 |          | 04/11/25 10:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 73 - 120 |          | 04/11/25 10:11 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 75 - 123 |          | 04/11/25 10:11 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-30

Lab Sample ID: 480-228586-3

Date Collected: 04/08/25 12:45

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/12/25 02:29 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/12/25 02:29 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/12/25 02:29 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/12/25 02:29 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/12/25 02:29 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/12/25 02:29 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/12/25 02:29 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Dichlorodifluoromethane               | ND     | +         | 1.0 | 0.68 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/12/25 02:29 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/12/25 02:29 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/12/25 02:29 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 02:29 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 02:29 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/12/25 02:29 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-30**

**Date Collected: 04/08/25 12:45**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-3**

**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/12/25 02:29 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/12/25 02:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 04/12/25 02:29 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 123 |          | 04/12/25 02:29 | 1       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 1.2    |           | 1.0 | 0.43 | mg/L |   |          | 04/12/25 18:52 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-43S

Lab Sample ID: 480-228586-4

Date Collected: 04/08/25 11:00

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/12/25 02:53 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND          |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,1,2-Trichloroethane                 | ND          |           | 1.0 | 0.23 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND          |           | 1.0 | 0.31 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,1-Dichloroethane                    | ND          |           | 1.0 | 0.38 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,1-Dichloroethene                    | ND          |           | 1.0 | 0.29 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,2,4-Trichlorobenzene                | ND          |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND          |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,2-Dichlorobenzene                   | ND          |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,2-Dichloroethane                    | ND          |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,2-Dichloropropane                   | ND          |           | 1.0 | 0.72 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,3-Dichlorobenzene                   | ND          |           | 1.0 | 0.78 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,4-Dichlorobenzene                   | ND          |           | 1.0 | 0.84 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 2-Butanone (MEK)                      | ND          |           | 10  | 1.3  | ug/L |   |          | 04/12/25 02:53 | 1       |
| 2-Hexanone                            | ND          |           | 5.0 | 1.2  | ug/L |   |          | 04/12/25 02:53 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND          |           | 5.0 | 2.1  | ug/L |   |          | 04/12/25 02:53 | 1       |
| Acetone                               | ND          |           | 10  | 3.0  | ug/L |   |          | 04/12/25 02:53 | 1       |
| <b>Benzene</b>                        | <b>0.61</b> | <b>J</b>  | 1.0 | 0.41 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Bromodichloromethane                  | ND          |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Bromoform                             | ND          |           | 1.0 | 0.26 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Bromomethane                          | ND          |           | 1.0 | 0.69 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Carbon disulfide                      | ND          |           | 1.0 | 0.19 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Carbon tetrachloride                  | ND          |           | 1.0 | 0.27 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Chlorobenzene                         | ND          |           | 1.0 | 0.75 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Dibromochloromethane                  | ND          |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 02:53 | 1       |
| <b>Chloroethane</b>                   | <b>1.4</b>  |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Chloroform                            | ND          |           | 1.0 | 0.34 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Chloromethane                         | ND          |           | 1.0 | 0.35 | ug/L |   |          | 04/12/25 02:53 | 1       |
| cis-1,2-Dichloroethene                | ND          |           | 1.0 | 0.81 | ug/L |   |          | 04/12/25 02:53 | 1       |
| cis-1,3-Dichloropropene               | ND          |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Cyclohexane                           | ND          |           | 1.0 | 0.18 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Dichlorodifluoromethane               | ND          | +         | 1.0 | 0.68 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Ethylbenzene                          | ND          |           | 1.0 | 0.74 | ug/L |   |          | 04/12/25 02:53 | 1       |
| 1,2-Dibromoethane                     | ND          |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Isopropylbenzene                      | ND          |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Methyl acetate                        | ND          |           | 2.5 | 1.3  | ug/L |   |          | 04/12/25 02:53 | 1       |
| Methyl tert-butyl ether               | ND          |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Methylcyclohexane                     | ND          |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Methylene Chloride                    | ND          |           | 1.0 | 0.44 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Styrene                               | ND          |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Tetrachloroethene                     | ND          |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Toluene                               | ND          |           | 1.0 | 0.51 | ug/L |   |          | 04/12/25 02:53 | 1       |
| trans-1,2-Dichloroethene              | ND          |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 02:53 | 1       |
| trans-1,3-Dichloropropene             | ND          |           | 1.0 | 0.37 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Trichloroethene                       | ND          |           | 1.0 | 0.46 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Trichlorofluoromethane                | ND          |           | 1.0 | 0.88 | ug/L |   |          | 04/12/25 02:53 | 1       |
| <b>Vinyl chloride</b>                 | <b>0.91</b> | <b>J</b>  | 1.0 | 0.90 | ug/L |   |          | 04/12/25 02:53 | 1       |
| Xylenes, Total                        | ND          |           | 2.0 | 0.66 | ug/L |   |          | 04/12/25 02:53 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-43S**

**Lab Sample ID: 480-228586-4**

**Date Collected: 04/08/25 11:00**

**Matrix: Water**

**Date Received: 04/09/25 12:36**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/12/25 02:53 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/12/25 02:53 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 73 - 120 |          | 04/12/25 02:53 | 1       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 123 |          | 04/12/25 02:53 | 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 |   |          | 04/12/25 19:21 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: MW-44S

Lab Sample ID: 480-228586-5

Date Collected: 04/08/25 11:50

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/12/25 03:09 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/12/25 03:09 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/12/25 03:09 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/12/25 03:09 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/12/25 03:09 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/12/25 03:09 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/12/25 03:09 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Dichlorodifluoromethane               | ND     | +         | 1.0 | 0.68 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/12/25 03:09 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/12/25 03:09 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/12/25 03:09 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 03:09 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 03:09 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/12/25 03:09 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-44S**

**Lab Sample ID: 480-228586-5**

**Date Collected: 04/08/25 11:50**

**Matrix: Water**

**Date Received: 04/09/25 12:36**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 105       |           | 80 - 120 |          | 04/12/25 03:09 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/12/25 03:09 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 73 - 120 |          | 04/12/25 03:09 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 75 - 123 |          | 04/12/25 03:09 | 1       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | ND     |           | 1.0 | 0.43 | mg/L |   |          | 04/12/25 19:49 | 1       |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: A1-GP02-S

Lab Sample ID: 480-228586-6

Date Collected: 04/09/25 09:55

Matrix: Water

Date Received: 04/09/25 12:36

## 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     |           | 100  | 82  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 100  | 21  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,1,2-Trichloroethane                 | ND     |           | 100  | 23  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 100  | 31  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,1-Dichloroethane                    | ND     |           | 100  | 38  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,1-Dichloroethene                    | ND     |           | 100  | 29  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,2,4-Trichlorobenzene                | ND     |           | 100  | 41  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 100  | 39  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,2-Dichlorobenzene                   | ND     |           | 100  | 79  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,2-Dichloroethane                    | ND     |           | 100  | 21  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,2-Dichloropropane                   | ND     |           | 100  | 72  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,3-Dichlorobenzene                   | ND     |           | 100  | 78  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,4-Dichlorobenzene                   | ND     |           | 100  | 84  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 2-Butanone (MEK)                      | ND     |           | 1000 | 130 | ug/L |   |          | 04/12/25 03:31 | 100     |
| 2-Hexanone                            | ND     |           | 500  | 120 | ug/L |   |          | 04/12/25 03:31 | 100     |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 500  | 210 | ug/L |   |          | 04/12/25 03:31 | 100     |
| Acetone                               | ND     |           | 1000 | 300 | ug/L |   |          | 04/12/25 03:31 | 100     |
| Benzene                               | ND     |           | 100  | 41  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Bromodichloromethane                  | ND     |           | 100  | 39  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Bromoform                             | ND     |           | 100  | 26  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Bromomethane                          | ND     |           | 100  | 69  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Carbon disulfide                      | ND     |           | 100  | 19  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Carbon tetrachloride                  | ND     |           | 100  | 27  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Chlorobenzene                         | ND     |           | 100  | 75  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Dibromochloromethane                  | ND     |           | 100  | 32  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Chloroethane                          | ND     |           | 100  | 32  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Chloroform                            | ND     |           | 100  | 34  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Chloromethane                         | ND     |           | 100  | 35  | ug/L |   |          | 04/12/25 03:31 | 100     |
| cis-1,2-Dichloroethene                | 5200   |           | 100  | 81  | ug/L |   |          | 04/12/25 03:31 | 100     |
| cis-1,3-Dichloropropene               | ND     |           | 100  | 36  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Cyclohexane                           | ND     |           | 100  | 18  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Dichlorodifluoromethane               | ND     | +         | 100  | 68  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Ethylbenzene                          | ND     |           | 100  | 74  | ug/L |   |          | 04/12/25 03:31 | 100     |
| 1,2-Dibromoethane                     | ND     |           | 100  | 73  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Isopropylbenzene                      | ND     |           | 100  | 79  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Methyl acetate                        | ND     |           | 250  | 130 | ug/L |   |          | 04/12/25 03:31 | 100     |
| Methyl tert-butyl ether               | ND     |           | 100  | 16  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Methylcyclohexane                     | ND     |           | 100  | 16  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Methylene Chloride                    | ND     |           | 100  | 44  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Styrene                               | ND     |           | 100  | 73  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Tetrachloroethene                     | ND     |           | 100  | 36  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Toluene                               | ND     |           | 100  | 51  | ug/L |   |          | 04/12/25 03:31 | 100     |
| trans-1,2-Dichloroethene              | ND     |           | 100  | 90  | ug/L |   |          | 04/12/25 03:31 | 100     |
| trans-1,3-Dichloropropene             | ND     |           | 100  | 37  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Trichloroethene                       | ND     |           | 100  | 46  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Trichlorofluoromethane                | ND     |           | 100  | 88  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Vinyl chloride                        | 2200   |           | 100  | 90  | ug/L |   |          | 04/12/25 03:31 | 100     |
| Xylenes, Total                        | ND     |           | 200  | 66  | ug/L |   |          | 04/12/25 03:31 | 100     |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: A1-GP02-S**

**Lab Sample ID: 480-228586-6**

**Date Collected: 04/09/25 09:55**

**Matrix: Water**

**Date Received: 04/09/25 12:36**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/12/25 03:31 | 100     |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/12/25 03:31 | 100     |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 73 - 120 |          | 04/12/25 03:31 | 100     |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 123 |          | 04/12/25 03:31 | 100     |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 3.0    |           | 1.0 | 0.43 | mg/L |   |          | 04/12/25 20:17 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: A1-GP15-S

Lab Sample ID: 480-228586-7

Date Collected: 04/09/25 11:10

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/12/25 03:54 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/12/25 03:54 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/12/25 03:54 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/12/25 03:54 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/12/25 03:54 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/12/25 03:54 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/12/25 03:54 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Dichlorodifluoromethane               | ND     | +         | 1.0 | 0.68 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/12/25 03:54 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/12/25 03:54 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/12/25 03:54 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 03:54 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 03:54 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/12/25 03:54 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: A1-GP15-S**

**Lab Sample ID: 480-228586-7**

**Date Collected: 04/09/25 11:10**

**Matrix: Water**

**Date Received: 04/09/25 12:36**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 108       |           | 80 - 120 |          | 04/12/25 03:54 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/12/25 03:54 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 73 - 120 |          | 04/12/25 03:54 | 1       |
| Dibromofluoromethane (Surr)  | 109       |           | 75 - 123 |          | 04/12/25 03:54 | 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 |   |          | 04/12/25 20:45 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: A1-GP16-S

Lab Sample ID: 480-228586-8

Date Collected: 04/09/25 10:50

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/12/25 04:16 | 4       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 4.0 | 0.84 | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,1,2-Trichloroethane                 | ND     |           | 4.0 | 0.92 | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 4.0 | 1.2  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,1-Dichloroethane                    | ND     |           | 4.0 | 1.5  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,1-Dichloroethene                    | ND     |           | 4.0 | 1.2  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,2,4-Trichlorobenzene                | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,2-Dichlorobenzene                   | ND     |           | 4.0 | 3.2  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,2-Dichloroethane                    | ND     |           | 4.0 | 0.84 | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,2-Dichloropropane                   | ND     |           | 4.0 | 2.9  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,3-Dichlorobenzene                   | ND     |           | 4.0 | 3.1  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,4-Dichlorobenzene                   | ND     |           | 4.0 | 3.4  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 2-Butanone (MEK)                      | ND     |           | 40  | 5.3  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 2-Hexanone                            | ND     |           | 20  | 5.0  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 20  | 8.4  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Acetone                               | ND     |           | 40  | 12   | ug/L |   |          | 04/12/25 04:16 | 4       |
| Benzene                               | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Bromodichloromethane                  | ND     |           | 4.0 | 1.6  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Bromoform                             | ND     |           | 4.0 | 1.0  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Bromomethane                          | ND     |           | 4.0 | 2.8  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Carbon disulfide                      | ND     |           | 4.0 | 0.76 | ug/L |   |          | 04/12/25 04:16 | 4       |
| Carbon tetrachloride                  | ND     |           | 4.0 | 1.1  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Chlorobenzene                         | ND     |           | 4.0 | 3.0  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Dibromochloromethane                  | ND     |           | 4.0 | 1.3  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Chloroethane                          | ND     |           | 4.0 | 1.3  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Chloroform                            | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Chloromethane                         | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/12/25 04:16 | 4       |
| cis-1,2-Dichloroethene                | 6.2    |           | 4.0 | 3.2  | ug/L |   |          | 04/12/25 04:16 | 4       |
| cis-1,3-Dichloropropene               | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Cyclohexane                           | ND     |           | 4.0 | 0.72 | ug/L |   |          | 04/12/25 04:16 | 4       |
| Dichlorodifluoromethane               | ND     | +         | 4.0 | 2.7  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Ethylbenzene                          | ND     |           | 4.0 | 3.0  | ug/L |   |          | 04/12/25 04:16 | 4       |
| 1,2-Dibromoethane                     | ND     |           | 4.0 | 2.9  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Isopropylbenzene                      | ND     |           | 4.0 | 3.2  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Methyl acetate                        | ND     |           | 10  | 5.2  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Methyl tert-butyl ether               | ND     |           | 4.0 | 0.64 | ug/L |   |          | 04/12/25 04:16 | 4       |
| Methylcyclohexane                     | ND     |           | 4.0 | 0.64 | ug/L |   |          | 04/12/25 04:16 | 4       |
| Methylene Chloride                    | ND     |           | 4.0 | 1.8  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Styrene                               | ND     |           | 4.0 | 2.9  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Tetrachloroethene                     | ND     |           | 4.0 | 1.4  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Toluene                               | ND     |           | 4.0 | 2.0  | ug/L |   |          | 04/12/25 04:16 | 4       |
| trans-1,2-Dichloroethene              | ND     |           | 4.0 | 3.6  | ug/L |   |          | 04/12/25 04:16 | 4       |
| trans-1,3-Dichloropropene             | ND     |           | 4.0 | 1.5  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Trichloroethene                       | ND     |           | 4.0 | 1.8  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Trichlorofluoromethane                | ND     |           | 4.0 | 3.5  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Vinyl chloride                        | ND     |           | 4.0 | 3.6  | ug/L |   |          | 04/12/25 04:16 | 4       |
| Xylenes, Total                        | ND     |           | 8.0 | 2.6  | ug/L |   |          | 04/12/25 04:16 | 4       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: A1-GP16-S**

**Lab Sample ID: 480-228586-8**

**Date Collected: 04/09/25 10:50**

**Matrix: Water**

**Date Received: 04/09/25 12:36**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 106       |           | 80 - 120 |          | 04/12/25 04:16 | 4       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 77 - 120 |          | 04/12/25 04:16 | 4       |
| 4-Bromofluorobenzene (Surr)  | 105       |           | 73 - 120 |          | 04/12/25 04:16 | 4       |
| Dibromofluoromethane (Surr)  | 110       |           | 75 - 123 |          | 04/12/25 04:16 | 4       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 21.4   |           | 1.0 | 0.43 | mg/L |   |          | 04/12/25 21:12 | 1       |

# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-228586-9

Date Collected: 04/09/25 00:00

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/12/25 04:40 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/12/25 04:40 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/12/25 04:40 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/12/25 04:40 | 1       |
| Acetone                               | ND     |           | 10  | 3.0  | ug/L |   |          | 04/12/25 04:40 | 1       |
| Benzene                               | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/12/25 04:40 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/12/25 04:40 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Dichlorodifluoromethane               | ND     | +         | 1.0 | 0.68 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/12/25 04:40 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/12/25 04:40 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/12/25 04:40 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 04:40 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 04:40 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/12/25 04:40 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: TRIP BLANK**  
**Date Collected: 04/09/25 00:00**  
**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-9**  
**Matrix: Water**

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 104       |           | 80 - 120 |          | 04/12/25 04:40 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 77 - 120 |          | 04/12/25 04:40 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 73 - 120 |          | 04/12/25 04:40 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 123 |          | 04/12/25 04:40 | 1       |



# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: A1-GP14-S

Lab Sample ID: 480-228586-10

Date Collected: 04/08/25 13:15

Matrix: Water

Date Received: 04/09/25 12:36

## 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 |   |          | 04/12/25 05:18 | 1       |
| 1,1,2,2-Tetrachloroethane             | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,1,2-Trichloroethane                 | ND     |           | 1.0 | 0.23 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |           | 1.0 | 0.31 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,1-Dichloroethane                    | ND     |           | 1.0 | 0.38 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,1-Dichloroethene                    | ND     |           | 1.0 | 0.29 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,2,4-Trichlorobenzene                | ND     |           | 1.0 | 0.41 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,2-Dibromo-3-Chloropropane           | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,2-Dichlorobenzene                   | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,2-Dichloroethane                    | ND     |           | 1.0 | 0.21 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,2-Dichloropropane                   | ND     |           | 1.0 | 0.72 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,3-Dichlorobenzene                   | ND     |           | 1.0 | 0.78 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,4-Dichlorobenzene                   | ND     |           | 1.0 | 0.84 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 2-Butanone (MEK)                      | ND     |           | 10  | 1.3  | ug/L |   |          | 04/12/25 05:18 | 1       |
| 2-Hexanone                            | ND     |           | 5.0 | 1.2  | ug/L |   |          | 04/12/25 05:18 | 1       |
| 4-Methyl-2-pentanone (MIBK)           | ND     |           | 5.0 | 2.1  | ug/L |   |          | 04/12/25 05:18 | 1       |
| Acetone                               | 4.5    | J         | 10  | 3.0  | ug/L |   |          | 04/12/25 05:18 | 1       |
| Benzene                               | 0.57   | J         | 1.0 | 0.41 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Bromodichloromethane                  | ND     |           | 1.0 | 0.39 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Bromoform                             | ND     |           | 1.0 | 0.26 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Bromomethane                          | ND     |           | 1.0 | 0.69 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Carbon disulfide                      | ND     |           | 1.0 | 0.19 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Carbon tetrachloride                  | ND     |           | 1.0 | 0.27 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Chlorobenzene                         | ND     |           | 1.0 | 0.75 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Dibromochloromethane                  | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Chloroethane                          | ND     |           | 1.0 | 0.32 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Chloroform                            | ND     |           | 1.0 | 0.34 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Chloromethane                         | ND     |           | 1.0 | 0.35 | ug/L |   |          | 04/12/25 05:18 | 1       |
| cis-1,2-Dichloroethene                | ND     |           | 1.0 | 0.81 | ug/L |   |          | 04/12/25 05:18 | 1       |
| cis-1,3-Dichloropropene               | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Cyclohexane                           | ND     |           | 1.0 | 0.18 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Dichlorodifluoromethane               | ND     | +         | 1.0 | 0.68 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Ethylbenzene                          | ND     |           | 1.0 | 0.74 | ug/L |   |          | 04/12/25 05:18 | 1       |
| 1,2-Dibromoethane                     | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Isopropylbenzene                      | ND     |           | 1.0 | 0.79 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Methyl acetate                        | ND     |           | 2.5 | 1.3  | ug/L |   |          | 04/12/25 05:18 | 1       |
| Methyl tert-butyl ether               | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Methylcyclohexane                     | ND     |           | 1.0 | 0.16 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Methylene Chloride                    | ND     |           | 1.0 | 0.44 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Styrene                               | ND     |           | 1.0 | 0.73 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Tetrachloroethene                     | ND     |           | 1.0 | 0.36 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Toluene                               | ND     |           | 1.0 | 0.51 | ug/L |   |          | 04/12/25 05:18 | 1       |
| trans-1,2-Dichloroethene              | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 05:18 | 1       |
| trans-1,3-Dichloropropene             | ND     |           | 1.0 | 0.37 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Trichloroethene                       | ND     |           | 1.0 | 0.46 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Trichlorofluoromethane                | ND     |           | 1.0 | 0.88 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Vinyl chloride                        | ND     |           | 1.0 | 0.90 | ug/L |   |          | 04/12/25 05:18 | 1       |
| Xylenes, Total                        | ND     |           | 2.0 | 0.66 | ug/L |   |          | 04/12/25 05:18 | 1       |

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# Client Sample Results

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

Client Sample ID: A1-GP14-S

Lab Sample ID: 480-228586-10

Date Collected: 04/08/25 13:15

Matrix: Water

Date Received: 04/09/25 12:36

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)            | 103       |           | 80 - 120 |          | 04/12/25 05:18 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 77 - 120 |          | 04/12/25 05:18 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 73 - 120 |          | 04/12/25 05:18 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 123 |          | 04/12/25 05:18 | 1       |

## General Chemistry

| Analyte                            | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 4.2    |           | 1.0 | 0.43 | mg/L |   |          | 04/13/25 02:49 | 1       |

# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-40D**

**Date Collected: 04/04/25 12:00**

**Date Received: 04/04/25 15:35**

**Lab Sample ID: 480-228450-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 40              | 742892       | ERS     | EET BUF | 04/08/25 01:10       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 215205       | CRC     | EET BUR | 04/15/25 20:37       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 743207       | VXF     | EET BUF | 04/10/25 11:32       |
| Total/NA  | Analysis   | RSK-175      | DL  | 110             | 743207       | VXF     | EET BUF | 04/10/25 13:36       |
| Total/NA  | Analysis   | 300.0        |     | 5               | 742907       | AF      | EET BUF | 04/07/25 20:10       |
| Total/NA  | Analysis   | 310.2        |     | 5               | 743101       | CG      | EET BUF | 04/08/25 10:32       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 742806       | AM      | EET BUF | 04/05/25 14:37       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 742804       | AM      | EET BUF | 04/05/25 15:12       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/13/25 02:20       |
| Dissolved | Filtration | Filtration   |     |                 | 743103       | CG      | EET BUF | 04/09/25 08:08       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 743100       | CG      | EET BUF | 04/09/25 08:30       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 743189       | GW      | EET BUF | 04/09/25 14:37       |

**Client Sample ID: A1-GP06-S**

**Date Collected: 04/04/25 14:05**

**Date Received: 04/04/25 15:35**

**Lab Sample ID: 480-228450-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 25              | 742892       | ERS     | EET BUF | 04/08/25 01:33       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/11/25 16:55       |

**Client Sample ID: A1-GP10-S**

**Date Collected: 04/04/25 14:15**

**Date Received: 04/04/25 15:35**

**Lab Sample ID: 480-228450-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 800             | 742892       | ERS     | EET BUF | 04/08/25 01:57       |

**Client Sample ID: MW-42S**

**Date Collected: 04/04/25 10:35**

**Date Received: 04/04/25 15:35**

**Lab Sample ID: 480-228450-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 200             | 742892       | ERS     | EET BUF | 04/08/25 02:21       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 215205       | CRC     | EET BUR | 04/15/25 20:46       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 743207       | VXF     | EET BUF | 04/10/25 11:51       |
| Total/NA  | Analysis   | RSK-175      | DL  | 110             | 743207       | VXF     | EET BUF | 04/10/25 13:55       |
| Total/NA  | Analysis   | 300.0        |     | 5               | 742907       | AF      | EET BUF | 04/07/25 21:38       |
| Total/NA  | Analysis   | 310.2        |     | 20              | 743101       | CG      | EET BUF | 04/08/25 10:32       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 742806       | AM      | EET BUF | 04/05/25 14:39       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 742804       | AM      | EET BUF | 04/05/25 15:12       |
| Total/NA  | Analysis   | 9060A        |     | 10              | 743507       | AF      | EET BUF | 04/11/25 17:23       |

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# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

## Client Sample ID: MW-42S

Date Collected: 04/04/25 10:35

Date Received: 04/04/25 15:35

## Lab Sample ID: 480-228450-4

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Dissolved | Filtration | Filtration   |     |                 | 743103       | CG      | EET BUF | 04/09/25 08:08       |
| Dissolved | Analysis   | SM 3500 FE D |     | 10              | 743100       | CG      | EET BUF | 04/09/25 08:57       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 743189       | GW      | EET BUF | 04/09/25 14:37       |

## Client Sample ID: Trip Blank

Date Collected: 04/04/25 00:00

Date Received: 04/04/25 15:35

## Lab Sample ID: 480-228450-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742892       | ERS     | EET BUF | 04/08/25 02:45       |

## Client Sample ID: MW-38D

Date Collected: 04/04/25 13:45

Date Received: 04/04/25 15:35

## Lab Sample ID: 480-228450-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 4               | 742892       | ERS     | EET BUF | 04/08/25 03:08       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 215205       | CRC     | EET BUR | 04/15/25 20:55       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 743207       | VXF     | EET BUF | 04/10/25 12:21       |
| Total/NA  | Analysis   | RSK-175      | DL  | 110             | 743207       | VXF     | EET BUF | 04/10/25 14:14       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 742907       | AF      | EET BUF | 04/07/25 21:53       |
| Total/NA  | Analysis   | 310.2        |     | 5               | 743101       | CG      | EET BUF | 04/08/25 10:33       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 742806       | AM      | EET BUF | 04/05/25 14:40       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 742804       | AM      | EET BUF | 04/05/25 15:12       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/11/25 20:37       |
| Dissolved | Filtration | Filtration   |     |                 | 743103       | CG      | EET BUF | 04/09/25 08:08       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 743100       | CG      | EET BUF | 04/09/25 08:31       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 743189       | GW      | EET BUF | 04/09/25 14:37       |

## Client Sample ID: CB-1

Date Collected: 04/07/25 06:50

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 13:50       |

## Client Sample ID: CB-2

Date Collected: 04/07/25 07:10

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 14:12       |
| Total/NA  | Analysis   | 8260C        | DL  | 2               | 743085       | AXK     | EET BUF | 04/09/25 15:20       |

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# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

## Client Sample ID: CB-3

Date Collected: 04/07/25 07:25

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-3

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 20              | 743085       | AXK     | EET BUF | 04/09/25 15:42       |

## Client Sample ID: CB-4

Date Collected: 04/07/25 07:40

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-4

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743085       | AXK     | EET BUF | 04/09/25 16:04       |

## Client Sample ID: CB-E

Date Collected: 04/07/25 07:55

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 2               | 742986       | AXK     | EET BUF | 04/08/25 15:19       |
| Total/NA  | Analysis   | 8260C        | DL  | 20              | 743085       | AXK     | EET BUF | 04/09/25 16:27       |

## Client Sample ID: TP-5

Date Collected: 04/07/25 06:35

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-6

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743085       | AXK     | EET BUF | 04/09/25 16:49       |

## Client Sample ID: TP-6

Date Collected: 04/07/25 06:15

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-7

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 16:04       |

## Client Sample ID: Trip Blank

Date Collected: 04/07/25 00:00

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-8

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 16:26       |

## Client Sample ID: Rinse Blank

Date Collected: 04/07/25 13:45

Date Received: 04/07/25 14:40

## Lab Sample ID: 480-228509-9

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 16:48       |

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# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-36S**

**Date Collected: 04/07/25 13:20**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-10**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 17:11       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/11/25 21:05       |

**Client Sample ID: AI-GP09-S**

**Date Collected: 04/07/25 12:25**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-11**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 17:33       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/11/25 21:33       |

**Client Sample ID: MW-39D**

**Date Collected: 04/07/25 11:40**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-12**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 8               | 742986       | AXK     | EET BUF | 04/08/25 17:55       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/11/25 22:02       |

**Client Sample ID: MW-37D**

**Date Collected: 04/07/25 11:00**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-13**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 742986       | AXK     | EET BUF | 04/08/25 18:17       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/11/25 22:30       |

**Client Sample ID: AI-GP18-S**

**Date Collected: 04/07/25 10:00**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-14**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743085       | AXK     | EET BUF | 04/09/25 17:11       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 215346       | CRC     | EET BUR | 04/18/25 17:51       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 743207       | VXF     | EET BUF | 04/10/25 12:40       |
| Total/NA  | Analysis   | RSK-175      | DL  | 22              | 743207       | VXF     | EET BUF | 04/10/25 14:33       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 743018       | AF      | EET BUF | 04/08/25 18:15       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 743021       | AF      | EET BUF | 04/08/25 18:15       |
| Total/NA  | Analysis   | 310.2        |     | 5               | 743101       | CG      | EET BUF | 04/08/25 10:34       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 743245       | AM      | EET BUF | 04/09/25 16:31       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 743236       | AM      | EET BUF | 04/09/25 19:05       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/11/25 22:58       |
| Dissolved | Filtration | Filtration   |     |                 | 743103       | CG      | EET BUF | 04/09/25 08:08       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 743100       | CG      | EET BUF | 04/09/25 08:32       |

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# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: AI-GP18-S**

**Date Collected: 04/07/25 10:00**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-14**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 743189       | GW      | EET BUF | 04/09/25 14:37       |

**Client Sample ID: AI-GP06-S**

**Date Collected: 04/07/25 09:00**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-15**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | RSK-175      |     | 1               | 215346       | CRC     | EET BUR | 04/18/25 18:01       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 743207       | VXF     | EET BUF | 04/10/25 12:59       |
| Total/NA  | Analysis   | RSK-175      | DL  | 44              | 743207       | VXF     | EET BUF | 04/10/25 14:52       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 743018       | AF      | EET BUF | 04/08/25 18:30       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 743021       | AF      | EET BUF | 04/08/25 18:30       |
| Total/NA  | Analysis   | 310.2        |     | 5               | 743101       | CG      | EET BUF | 04/08/25 10:33       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 743245       | AM      | EET BUF | 04/09/25 16:32       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 743236       | AM      | EET BUF | 04/09/25 19:06       |
| Dissolved | Filtration | Filtration   |     |                 | 743103       | CG      | EET BUF | 04/09/25 08:08       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 743100       | CG      | EET BUF | 04/09/25 08:32       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 743189       | GW      | EET BUF | 04/09/25 14:37       |

**Client Sample ID: AI-GP10-S**

**Date Collected: 04/07/25 08:35**

**Date Received: 04/07/25 14:40**

**Lab Sample ID: 480-228509-16**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | RSK-175      |     | 1               | 215346       | CRC     | EET BUR | 04/18/25 18:11       |
| Total/NA  | Analysis   | RSK-175      |     | 1               | 743207       | VXF     | EET BUF | 04/10/25 13:17       |
| Total/NA  | Analysis   | RSK-175      | DL  | 110             | 743207       | VXF     | EET BUF | 04/10/25 15:11       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 743018       | AF      | EET BUF | 04/08/25 18:45       |
| Total/NA  | Analysis   | 300.0        |     | 2               | 743021       | AF      | EET BUF | 04/08/25 18:45       |
| Total/NA  | Analysis   | 310.2        |     | 10              | 743101       | CG      | EET BUF | 04/08/25 11:50       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 743245       | AM      | EET BUF | 04/09/25 16:34       |
| Total/NA  | Analysis   | 353.2        |     | 1               | 743236       | AM      | EET BUF | 04/09/25 19:06       |
| Total/NA  | Analysis   | 9060A        |     | 2               | 743507       | AF      | EET BUF | 04/12/25 03:09       |
| Dissolved | Filtration | Filtration   |     |                 | 743103       | CG      | EET BUF | 04/09/25 08:08       |
| Dissolved | Analysis   | SM 3500 FE D |     | 1               | 743100       | CG      | EET BUF | 04/09/25 08:32       |
| Total/NA  | Analysis   | SM 4500 S2 F |     | 1               | 743189       | GW      | EET BUF | 04/09/25 14:37       |

**Client Sample ID: MW-35S**

**Date Collected: 04/08/25 09:20**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743264       | ERS     | EET BUF | 04/11/25 09:47       |

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# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: MW-35S**

**Date Collected: 04/08/25 09:20**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/12/25 17:57       |

**Client Sample ID: DUP**

**Date Collected: 04/08/25 00:00**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743264       | ERS     | EET BUF | 04/11/25 10:11       |

**Client Sample ID: MW-30**

**Date Collected: 04/08/25 12:45**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743380       | AXK     | EET BUF | 04/12/25 02:29       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/12/25 18:52       |

**Client Sample ID: MW-43S**

**Date Collected: 04/08/25 11:00**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743380       | AXK     | EET BUF | 04/12/25 02:53       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/12/25 19:21       |

**Client Sample ID: MW-44S**

**Date Collected: 04/08/25 11:50**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743380       | AXK     | EET BUF | 04/12/25 03:09       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/12/25 19:49       |

**Client Sample ID: A1-GP02-S**

**Date Collected: 04/09/25 09:55**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 100             | 743380       | AXK     | EET BUF | 04/12/25 03:31       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/12/25 20:17       |



# Lab Chronicle

Client: AECOM  
Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

**Client Sample ID: A1-GP15-S**

**Date Collected: 04/09/25 11:10**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743380       | AXK     | EET BUF | 04/12/25 03:54       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/12/25 20:45       |

**Client Sample ID: A1-GP16-S**

**Date Collected: 04/09/25 10:50**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-8**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 4               | 743380       | AXK     | EET BUF | 04/12/25 04:16       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/12/25 21:12       |

**Client Sample ID: TRIP BLANK**

**Date Collected: 04/09/25 00:00**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-9**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743380       | AXK     | EET BUF | 04/12/25 04:40       |

**Client Sample ID: A1-GP14-S**

**Date Collected: 04/08/25 13:15**

**Date Received: 04/09/25 12:36**

**Lab Sample ID: 480-228586-10**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260C        |     | 1               | 743380       | AXK     | EET BUF | 04/12/25 05:18       |
| Total/NA  | Analysis   | 9060A        |     | 1               | 743507       | AF      | EET BUF | 04/13/25 02:49       |

## 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

Job ID: 480-228450-1

Project/Site: Scott Figgie Area 1 BCP

## 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

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

| 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

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-228450-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 480-228450-1  | MW-40D           | Water  | 04/04/25 12:00 | 04/04/25 15:35 |
| 480-228450-2  | A1-GP06-S        | Water  | 04/04/25 14:05 | 04/04/25 15:35 |
| 480-228450-3  | A1-GP10-S        | Water  | 04/04/25 14:15 | 04/04/25 15:35 |
| 480-228450-4  | MW-42S           | Water  | 04/04/25 10:35 | 04/04/25 15:35 |
| 480-228450-5  | Trip Blank       | Water  | 04/04/25 00:00 | 04/04/25 15:35 |
| 480-228450-6  | MW-38D           | Water  | 04/04/25 13:45 | 04/04/25 15:35 |
| 480-228509-1  | CB-1             | Water  | 04/07/25 06:50 | 04/07/25 14:40 |
| 480-228509-2  | CB-2             | Water  | 04/07/25 07:10 | 04/07/25 14:40 |
| 480-228509-3  | CB-3             | Water  | 04/07/25 07:25 | 04/07/25 14:40 |
| 480-228509-4  | CB-4             | Water  | 04/07/25 07:40 | 04/07/25 14:40 |
| 480-228509-5  | CB-E             | Water  | 04/07/25 07:55 | 04/07/25 14:40 |
| 480-228509-6  | TP-5             | Water  | 04/07/25 06:35 | 04/07/25 14:40 |
| 480-228509-7  | TP-6             | Water  | 04/07/25 06:15 | 04/07/25 14:40 |
| 480-228509-8  | Trip Blank       | Water  | 04/07/25 00:00 | 04/07/25 14:40 |
| 480-228509-9  | Rinse Blank      | Water  | 04/07/25 13:45 | 04/07/25 14:40 |
| 480-228509-10 | MW-36S           | Water  | 04/07/25 13:20 | 04/07/25 14:40 |
| 480-228509-11 | AI-GP09-S        | Water  | 04/07/25 12:25 | 04/07/25 14:40 |
| 480-228509-12 | MW-39D           | Water  | 04/07/25 11:40 | 04/07/25 14:40 |
| 480-228509-13 | MW-37D           | Water  | 04/07/25 11:00 | 04/07/25 14:40 |
| 480-228509-14 | AI-GP18-S        | Water  | 04/07/25 10:00 | 04/07/25 14:40 |
| 480-228509-15 | AI-GP06-S        | Water  | 04/07/25 09:00 | 04/07/25 14:40 |
| 480-228509-16 | AI-GP10-S        | Water  | 04/07/25 08:35 | 04/07/25 14:40 |
| 480-228586-1  | MW-35S           | Water  | 04/08/25 09:20 | 04/09/25 12:36 |
| 480-228586-2  | DUP              | Water  | 04/08/25 00:00 | 04/09/25 12:36 |
| 480-228586-3  | MW-30            | Water  | 04/08/25 12:45 | 04/09/25 12:36 |
| 480-228586-4  | MW-43S           | Water  | 04/08/25 11:00 | 04/09/25 12:36 |
| 480-228586-5  | MW-44S           | Water  | 04/08/25 11:50 | 04/09/25 12:36 |
| 480-228586-6  | A1-GP02-S        | Water  | 04/09/25 09:55 | 04/09/25 12:36 |
| 480-228586-7  | A1-GP15-S        | Water  | 04/09/25 11:10 | 04/09/25 12:36 |
| 480-228586-8  | A1-GP16-S        | Water  | 04/09/25 10:50 | 04/09/25 12:36 |
| 480-228586-9  | TRIP BLANK       | Water  | 04/09/25 00:00 | 04/09/25 12:36 |
| 480-228586-10 | A1-GP14-S        | Water  | 04/08/25 13:15 | 04/09/25 12:36 |

## Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228450-1

**Login Number: 228450**

**List Source: Eurofins Buffalo**

**List Number: 1**

**Creator: Stapleton, Kaitlyn**

| 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   | 4.6 IR#SC ice |
| 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: 480-228450-1

**Login Number: 228450**

**List Number: 2**

**Creator: Cunningham, Caroline R**

**List Source: Eurofins Burlington**

**List Creation: 04/09/25 04:54 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   | 2596843                                  |
| 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   | 1.1°C                                    |
| Cooler Temperature is acceptable.                                                        | True   |                                          |
| Cooler Temperature is recorded.                                                          | True   |                                          |
| COC is present.                                                                          | True   | Received project as a subcontract.       |
| 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 $<6\text{mm}$ (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: 480-228450-1

Login Number: 228509

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.

Eurofins Buffalo

## Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228450-1

**Login Number: 228509**

**List Number: 2**

**Creator: Cunningham, Caroline R**

**List Source: Eurofins Burlington**

**List Creation: 04/09/25 04:35 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   | 2596849                                  |
| 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   | 1.9°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 $<6\text{mm}$ (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.

**Eurofins Buffalo**



# Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-228450-1

**Login Number: 228586**

**List Number: 1**

**Creator: Stopa, Erik S**

**List Source: Eurofins Buffalo**

| 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.              | N/A    |         |
| 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.

**Eurofins Buffalo**

|                                                                     |  |                                                                                                                                                                                                                                   |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
|---------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------|---------------------------|---------------------------------------|-----------------------------------|-----------------------------|------------------------------------|-------------|----------------------------|----------------------------|--|
| Client Information                                                  |  | Lab PM:<br>Fischer, Brian J                                                                                                                                                                                                       |             | Carrier Tracking No(s):                                |                                                          | COC No:<br>480-203654-19195.2                                                       |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Client Contact:<br>Mr. Dino Zack                                    |  | E-Mail:<br>Brian.Fischer@et.eurolins.com                                                                                                                                                                                          |             | State of Origin:<br>NY                                 |                                                          | Page:<br>Page 2 of 4                                                                |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Company:<br>AECOM                                                   |  | PWSID:                                                                                                                                                                                                                            |             | Job #:                                                 |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Address:<br>50 Lakefront Boulevard Suite 111                        |  | Due Date Requested:<br>5/10/2025                                                                                                                                                                                                  |             | Analysis Requested                                     |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| City:<br>Buffalo                                                    |  | TAT Requested (days):<br>PER PO                                                                                                                                                                                                   |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| State, Zip:<br>NY, 14202                                            |  | Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                           |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Phone:<br>1644681                                                   |  | PO #:                                                                                                                                                                                                                             |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Email:<br>dino.zack@aecom.com                                       |  | WO #:                                                                                                                                                                                                                             |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Project Name:<br>Oct-24                                             |  | Project #:                                                                                                                                                                                                                        |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Site:<br>48011352                                                   |  | SSOW#:                                                                                                                                                                                                                            |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Sample Identification                                               |  | Sample Date                                                                                                                                                                                                                       | Sample Time | Sample Type (C=Comp, G=grab)                           | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue As Air) | Field Filtered Sample (Yes or No)                                                   | Perform MS/MSD (Yes or No) | 8260C - 8260 TCL                                                                                                                   | 353.2, 353.2, Nitrite, Nitrate, Calc | SM4500, 52.0 - Sulfide | 310.2 - Alkalinity, Total | RSK_175, CO2, D5 - Carbon dioxide     | RSK_175 - methane/ethane/ethylene | 300.0, 280 - Sulfate        | 3500, FE, D - D, ferrous iron (LF) | 9060A - TOC | Total Number of Containers | Special Instructions/Note: |  |
| MW-40D                                                              |  | 4/14/25                                                                                                                                                                                                                           | 1200        | G                                                      | Water                                                    |                                                                                     | X                          | X                                                                                                                                  | X                                    | X                      | X                         | X                                     | X                                 | X                           | X                                  | X           | X                          | 17                         |  |
| A1-GP06-S                                                           |  | 4/14/25                                                                                                                                                                                                                           | 1405        | G                                                      | Water                                                    |                                                                                     | X                          | X                                                                                                                                  | X                                    | X                      | X                         | X                                     | X                                 | X                           | X                                  | X           | X                          | 5                          |  |
| A1-GP10-S                                                           |  | 4/14/25                                                                                                                                                                                                                           | 1415        | G                                                      | Water                                                    |                                                                                     | X                          | X                                                                                                                                  | X                                    | X                      | X                         | X                                     | X                                 | X                           | X                                  | X           | X                          | 3                          |  |
| <del>MW-40D</del>                                                   |  | 4/14/25                                                                                                                                                                                                                           | 1035        | G                                                      | Water                                                    |                                                                                     | X                          | X                                                                                                                                  | X                                    | X                      | X                         | X                                     | X                                 | X                           | X                                  | X           | X                          | 17                         |  |
| <del>MW-40D</del>                                                   |  | 4/14/25                                                                                                                                                                                                                           | -           | G                                                      | Water                                                    |                                                                                     | X                          | X                                                                                                                                  | X                                    | X                      | X                         | X                                     | X                                 | X                           | X                                  | X           | X                          | 1                          |  |
| <del>A1-GP06-S</del>                                                |  |                                                                                                                                                                                                                                   |             |                                                        | Water                                                    |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| <del>MW-38D</del>                                                   |  |                                                                                                                                                                                                                                   |             |                                                        | Water                                                    |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| <del>A1-GP10-S</del>                                                |  |                                                                                                                                                                                                                                   |             |                                                        | Water                                                    |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| <del>MW-38D</del>                                                   |  |                                                                                                                                                                                                                                   |             |                                                        | Water                                                    |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| MW-38D                                                              |  | 4/14/25                                                                                                                                                                                                                           | 1345        | G                                                      | Water                                                    |                                                                                     | X                          | X                                                                                                                                  | X                                    | X                      | X                         | X                                     | X                                 | X                           | X                                  | X           | X                          | 17                         |  |
| Possible Hazard Identification                                      |  | <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |             | Deliverable Requested: I, II, III, IV, Other (specify) |                                                          | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |                            | <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For |                                      | Months                 |                           | Special Instructions/QC Requirements: |                                   | 480-228450 Chain of Custody |                                    |             |                            |                            |  |
| Empty Kit Relinquished by:                                          |  | Date:                                                                                                                                                                                                                             |             | Time:                                                  |                                                          | Method of Shipment:                                                                 |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Relinquished by:                                                    |  | Date/Time:                                                                                                                                                                                                                        |             | Company:                                               |                                                          | Received by:                                                                        |                            | Date/Time:                                                                                                                         |                                      | Company:               |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Relinquished by:                                                    |  | Date/Time:                                                                                                                                                                                                                        |             | Company:                                               |                                                          | Received by:                                                                        |                            | Date/Time:                                                                                                                         |                                      | Company:               |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Relinquished by:                                                    |  | Date/Time:                                                                                                                                                                                                                        |             | Company:                                               |                                                          | Received by:                                                                        |                            | Date/Time:                                                                                                                         |                                      | Company:               |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| Custody Seals Intact:                                               |  | Custody Seal No.:                                                                                                                                                                                                                 |             |                                                        |                                                          | Cooler Temperature(s) °C and Other Remarks:                                         |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |                                                                                                                                                                                                                                   |             |                                                        |                                                          |                                                                                     |                            |                                                                                                                                    |                                      |                        |                           |                                       |                                   |                             |                                    |             |                            |                            |  |

# Chain of Custody Record



Environment Testing

|                                           |  |                                    |  |                                                                   |  |
|-------------------------------------------|--|------------------------------------|--|-------------------------------------------------------------------|--|
| <b>Client Information</b>                 |  | Lab PM: Fischer, Brian J           |  | COC No: 480-203654-19195.1                                        |  |
| Client Contact: Mr. Dino Zack             |  | E-Mail: Brian.Fischer@eurofins.com |  | Page 1 of 2                                                       |  |
| Company: AECOM                            |  | PWSID: 716-866-8222                |  | Job #                                                             |  |
| Address: 50 Lakefront Boulevard Suite 111 |  | Due Date Requested: STD            |  | Analysis Requested                                                |  |
| City: Buffalo                             |  | TAT Requested (days): PER PC       |  | Preservation Codes:<br>A - HCL<br>N - None<br>CB - ZnAcetate/NaOH |  |
| State, Zip: NY, 14202                     |  | Compliance Project: Δ Yes Δ No     |  | Barcode: 480-228509 Chain of Custody                              |  |
| Phone: 1644681                            |  | PO #: 1644681                      |  |                                                                   |  |
| Email: dino.zack@aecom.com                |  | WO #: 60676146                     |  |                                                                   |  |
| Project Name: Oct-24                      |  | Project #: 48011352                |  |                                                                   |  |
| Site:                                     |  | SSOW#:                             |  |                                                                   |  |

| Sample Identification           | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/soil, BT=tissue, A=air) | Preservation Code | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - 8260 TCL | 353.2, 353.2 Nitrite, Nitrate, Calc | SM4500-S2.D - Sulfide | 310.2 - Alkalinity, Total | RSK_175_CO2.D5 - Carbon dioxide | RSK_175 - methane/ethane/ethylene | 300.0_28D - Sulfate | 3500_FE_D - D, ferrous iron (LF) | 9060A - TOC | Special Instructions/Note: |
|---------------------------------|-------------|-------------|------------------------------|-----------------------------------------------------------|-------------------|-----------------------------------|----------------------------|------------------|-------------------------------------|-----------------------|---------------------------|---------------------------------|-----------------------------------|---------------------|----------------------------------|-------------|----------------------------|
| CB-1                            | 4/7/25      | 0650        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| CB-2                            | 4/7/25      | 0710        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| CB-3                            | 4/7/25      | 0725        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| CB-4                            | 4/7/25      | 0740        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| CB-E                            | 4/7/25      | 0755        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| TP-5                            | 4/7/25      | 0635        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| TP-6                            | 4/7/25      | 0615        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| <del>Duplicate</del> ir:p Blank | 4/7/25      | -           | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| Rinse Blank                     | 4/7/25      | 1345        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| <del>MW-426</del> MW-365        | 4/7/25      | 1320        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |
| <del>TP-426</del> A1-GP095      | 4/7/25      | 1225        | G                            | Water                                                     |                   |                                   |                            | X                |                                     |                       |                           |                                 |                                   |                     |                                  |             |                            |

|                                                        |  |                                                                                                                                                                                                                        |  |
|--------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Possible Hazard Identification</b>                  |  | Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological <input type="checkbox"/> |  |
| Deliverable Requested: I, II, III, IV, Other (specify) |  | Special Instructions/QC Requirements:                                                                                                                                                                                  |  |
| Empty Kit Relinquished by:                             |  | Time:                                                                                                                                                                                                                  |  |
| Relinquished by: <i>Carina</i>                         |  | Date: 4/7/25 1440                                                                                                                                                                                                      |  |
| Relinquished by:                                       |  | Date/Time:                                                                                                                                                                                                             |  |
| Relinquished by:                                       |  | Date/Time:                                                                                                                                                                                                             |  |
| Custody Seals Intact: Δ Yes Δ No                       |  | Custody Seal No.:                                                                                                                                                                                                      |  |

|                                                             |  |                        |  |               |  |
|-------------------------------------------------------------|--|------------------------|--|---------------|--|
| Received by: <i>W</i>                                       |  | Date/Time: 4-7-25 1440 |  | Company: TADP |  |
| Received by:                                                |  | Date/Time:             |  | Company:      |  |
| Received by:                                                |  | Date/Time:             |  | Company:      |  |
| Cooler Temperature(s) °C and Other Remarks: 1.2 ICE IR # 5C |  |                        |  |               |  |

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

## Chain of Custody Record

[illegible]



## Chain of Custody Record

|                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Client Information</b><br>Client Contact: <u>Mr. Dino Zack</u><br>Company: <u>AECOM</u><br>Address: <u>50 Lakefront Boulevard Suite 111</u><br>City: <u>Buffalo</u><br>State, Zip: <u>NY, 14202</u><br>Phone: <u>1644681</u><br>Email: <u>dino.zack@aecom.com</u><br>Project Name: <u>Oct-24</u><br>Site: <u>SSOW#</u> |  | Lab PM: <u>Fischer, Brian J</u><br>Carrier Tracking No(s): <u>480-203654-19195.3</u><br>State of Origin: <u>NY</u><br>E-Mail: <u>Brian.Fischer@et.eurofinsus.com</u><br>PWSID: <u>585-317-6137</u><br>Due Date Requested: <u>STD</u><br>TAT Requested (days): <u>Perfo</u><br>Compliance Project: <u>Δ Yes Δ No</u><br>PO #: <u>1644681</u><br>WO #: <u>60676146</u><br>Project #: <u>48011352</u><br>SSOW#: <u></u> |  | Sample: <u>CHOROCIS</u><br>Phone: <u>585-317-6137</u><br>PWSID: <u>585-317-6137</u><br>Due Date Requested: <u>STD</u><br>TAT Requested (days): <u>Perfo</u><br>Compliance Project: <u>Δ Yes Δ No</u><br>PO #: <u>1644681</u><br>WO #: <u>60676146</u><br>Project #: <u>48011352</u><br>SSOW#: <u></u> |  | Lab PM: <u>Fischer, Brian J</u><br>Carrier Tracking No(s): <u>480-203654-19195.3</u><br>State of Origin: <u>NY</u><br>E-Mail: <u>Brian.Fischer@et.eurofinsus.com</u><br>PWSID: <u>585-317-6137</u><br>Due Date Requested: <u>STD</u><br>TAT Requested (days): <u>Perfo</u><br>Compliance Project: <u>Δ Yes Δ No</u><br>PO #: <u>1644681</u><br>WO #: <u>60676146</u><br>Project #: <u>48011352</u><br>SSOW#: <u></u> |  |
| <b>Analysis Requested</b><br>353.2, 353.2, Nitrite, Nitrate, Calc<br>SM4500, S <sub>2</sub> D - Sulfide<br>310.2, Alkalinity, Total<br>RSK_175, CO <sub>2</sub> D5 - Carbon dioxide<br>RSK_175 - methane/ethane/ethene<br>300.0, 28D - Sulfate<br>3500, FE, D - D, ferrous iron (LF)<br>9060A - TOC                       |  | Preservation Codes:<br>A - HCL<br>N - None<br>CB - ZnAcetate/NaOH<br>S - H2SO4                                                                                                                                                                                                                                                                                                                                       |  | Job #: <u>1041</u><br>Page: <u>1041</u><br>Page: <u>1041</u><br>COC No: <u>480-203654-19195.3</u>                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Sample Identification</b><br>MW-355<br>Dupl. Cate<br>MW-30<br>MW-43S<br>MW-44S<br>A1-GP02-S<br>A1-GP15-S<br>A1-GP16-S<br>Trip Blank<br>A1-GP14-S                                                                                                                                                                       |  | Matrix<br>(W=Water, S=Solid, O=Other)<br>Water<br>Water<br>Water<br>Water<br>Water<br>Water<br>Water<br>Water<br>Water                                                                                                                                                                                                                                                                                               |  | Sample Type<br>(C=Comp, G=grab)<br>G<br>G<br>G<br>G<br>G<br>G<br>G<br>G<br>G                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Sample Date<br>4/18/25<br>4/18/25<br>4/18/25<br>4/18/25<br>4/19/25<br>4/19/25<br>4/19/25<br>4/19/25<br>4/18/25                                                                                                                                                                                                            |  | Sample Time<br>0920<br>-<br>1245<br>1100<br>1150<br>0955<br>1110<br>1050<br>-<br>1315                                                                                                                                                                                                                                                                                                                                |  | Field Filtered Sample (Yes or No)<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Perform MS/MSD (Yes or No)<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X                                                                                                                                                                                                                                                   |  | 8260C - 8260 TCL<br>353.2, 353.2, Nitrite, Nitrate, Calc<br>SM4500, S <sub>2</sub> D - Sulfide<br>310.2, Alkalinity, Total<br>RSK_175, CO <sub>2</sub> D5 - Carbon dioxide<br>RSK_175 - methane/ethane/ethene<br>300.0, 28D - Sulfate<br>3500, FE, D - D, ferrous iron (LF)<br>9060A - TOC                                                                                                                           |  | Total Number<br>5<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>2<br>3                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Special Instructions/Note:<br>480-228586 Chain of Custody                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |  |

Special Instructions/Note:  
 480-228586 Chain of Custody

**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 samples are retained longer than 1 month)**  
☐ Return To Client ☒ Disposal By Lab ☐ Archive For \_\_\_\_\_ Months

**Special Instructions/QC Requirements:**  
 Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Custody Seal Intact: Δ Yes Δ No Custody Seal No.: 2410E 12#5C



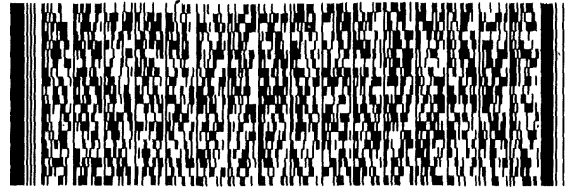
ACTWGT: 21.12 LB.  
CAD: 0759273/CAFE3855  
DIMS: 15x12x11 IN

BUFFALO, NY 142282223  
 UNITED STATES US

BILL SENDER

TO SAMPLE RECEIPT  
EUROFINS BURLINGTON  
530 COMMUNITY DR  
STE 11  
SOUTH BURLINGTON VT 054036650  
(802) 880-1990  
REF: SOUTH BURLINGTON

11/11/2011 11:11:11 AM



**FedEx**  
Express

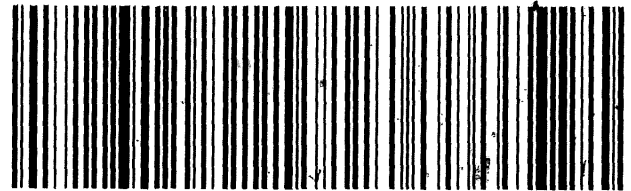


TRK# 7463 0663 3690  
0201

**TUE - 08 APR 10:30A**  
**PRIORITY OVERNIGHT**

# XS BTVA

05403  
VT-US BTV







**Analytical Results**

SiREM File Reference: S-11099

Client: AECOM Technical Services, Inc.  
Client Project Number: 60676146-1  
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-42S           | 25-21986           | 4-Apr-25           | 1,000x                 | <10     | 660     | 389        | <6.0    | 66       | <10      |
| A1-GP10-S        | 25-21987           | 4-Apr-25           | 1,000x                 | <10     | 593     | 105        | <6.0    | 29       | <10      |
| MDL              |                    |                    |                        | 10      | 10      | 6.0        | 6.0     | 3.0      | 10       |
| RL               |                    |                    |                        | 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



Lab #  
S-11099

Please note: The SiREM Knoxville location does not have a loading dock. For large volume shipments a truck with a lift gate is required.



COPY

Lab #  
S-11099[illegible]

|                                                 |                                              |                                                  |                                            |                               |                           |
|-------------------------------------------------|----------------------------------------------|--------------------------------------------------|--------------------------------------------|-------------------------------|---------------------------|
| Relinquished By:<br>Signature <i>Don J. 2nd</i> | Received By:<br>Signature <i>K. Kramlich</i> | Relinquished By:<br>Signature <i>K. Kramlich</i> | Received By:<br>Signature <i>Mark Reed</i> | Relinquished By:<br>Signature | Received By:<br>Signature |
| Printed Name <i>Don J. 2nd</i>                  | Printed Name <i>Karl Kramlich</i>            | Printed Name <i>K. Kramlich</i>                  | Printed Name <i>H. Kramlich</i>            | Printed Name                  | Printed Name              |
| Firm <i>AECom</i>                               | Firm <i>SIREM</i>                            | Firm <i>SIREM</i>                                | Firm <i>SIREM</i>                          | Firm                          | Firm                      |
| Date/Time <i>4/4/25 1705</i>                    | Date/Time <i>4.9.25 0918</i>                 | Date/Time <i>4.14.25 1600</i>                    | Date/Time <i>16.04.25 1030</i>             | 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.

COC001

## **Appendix E Institutional Controls and Engineering Controls Certification Form**



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



|                                                                                                                                                                    |                |                     |                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|--------------------------------------------------------------|
| <b>Site No.</b>                                                                                                                                                    | <b>C915233</b> | <b>Site Details</b> | <b>Box 1</b>                                                 |
| <b>Site Name Former Scott Aviation Facility (Area 1)</b>                                                                                                           |                |                     |                                                              |
| Site Address: 215 and 221 Erie Street                                                                                                                              |                | Zip Code: 14086     |                                                              |
| City/Town: Lancaster                                                                                                                                               |                |                     |                                                              |
| County: Erie                                                                                                                                                       |                |                     |                                                              |
| Site Acreage: 1.250                                                                                                                                                |                |                     |                                                              |
| Reporting Period: <del>April 01, 2021 to April 01, 2024</del><br><span style="color: red;">April 12, 2024 to April 10, 2025</span>                                 |                |                     |                                                              |
|                                                                                                                                                                    |                |                     | 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"/> |
| <b>If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.</b> |                |                     |                                                              |
| 5. Is the site currently undergoing development?                                                                                                                   |                |                     | <input type="checkbox"/> <input checked="" type="checkbox"/> |

|                                                                                                  |  |  |                                                              |
|--------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------|
|                                                                                                  |  |  | <b>Box 2</b>                                                 |
|                                                                                                  |  |  | YES    NO                                                    |
| 6. Is the current site use consistent with the use(s) listed below?<br>Commercial and Industrial |  |  | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 7. Are all ICs in place and functioning as designed?                                             |  |  | <input checked="" type="checkbox"/> <input type="checkbox"/> |

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

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

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

**Box 2A**

YES NO

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

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

9. Are the assumptions in the Qualitative Exposure Assessment still valid? ☒ YES ☐ NO  
(The Qualitative Exposure Assessment must be certified every five years)

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

**SITE NO. C915233****Box 3****Description of Institutional Controls**ParcelOwnerInstitutional Control**104.16-5-8**

AVOX Systems, Inc.

Ground Water Use Restriction  
Landuse Restriction  
Site Management Plan  
Soil Management Plan  
Monitoring Plan  
IC/EC Plan

An Environmental Easement was filed with the Erie County Clerk's Office on November 19, 2015. The Controlled Property may be used for commercial and industrial use as long as the following long-term institutional controls are employed: (1) restrict the use of site groundwater as a source of potable or process water without necessary water quality treatment as determined by the NYSDOH or Erie County Department of Health; (2) all future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the Site Management Plan; and (3) monitoring to assess the performance and effectiveness of the remedy must be conducted as defined in the Site management Plan.

**104.16-5-9**

AVOX Systems, Inc.

Soil Management Plan  
Monitoring Plan  
IC/EC Plan  
Ground Water Use Restriction  
Landuse Restriction  
Site Management Plan

An Environmental Easement was filed with the Erie County Clerk's Office on November 19, 2015. The Controlled Property may be used for commercial and industrial use as long as the following long-term institutional controls are employed: (1) restrict the use of site groundwater as a source of potable or process water without necessary water quality treatment as determined by the NYSDOH or Erie County Department of Health; (2) all future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the Site Management Plan; and (3) monitoring to assess the performance and effectiveness of the remedy must be conducted as defined in the Site management Plan.

**Box 4****Description of Engineering Controls**

None Required

Not Applicable/No EC's

**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. C915233**

**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 on behalf of Scott Figgie LLC (Remedial Party)

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



on behalf of Scott Figgie LLC

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

June 18, 2025

Date



