

Periodic Review Report (April 14, 2022 through April 12, 2023)

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

Project reference: NYSDEC Site Code: C915233

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Quality information

| Prepared by | Checked by | Verified by | Approved by |
|--------------------|------------------|------------------|--------------------|
| | | | |
| Dino Zack. PG, STS | Timothy Renn, PE | James Kaczor, PG | Dino Zack, PG, STS |

Prepared for:

Scott Technologies, Inc. Aka Scott Figgie LLC Frankford, DE

Prepared by:

AECOM 50 Lakefront Blvd Buffalo, NY 14202

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List of Acronyms

1,1-DCA1,1-dichloroethane1,1-DCE1,1-dichloroethene1,2-DCA1,2-dichloroethane1,1,1-TCA1,1,1-trichloroethane1,1,2-TCA1,1,2-trichloroethane

AAR Alternatives Analysis Report

ABC® Anaerobic Biochem

ABC+® Anaerobic Biochem with Zero Valence Iron

ABC-Ole[®] a mixture of Anaerobic Biochem, zero valent iron, and emulsified fatty acids

AECOM Technical Services, Inc.

AMSL above mean sea level AVOX AVOX Systems Inc

BCP Brownfield Cleanup Program

bgs below ground surface

CCR Construction Completion Report

cis-1,2 DCE cis-1,2-dichloroethene cm/sec centimeters per second contaminants of concern

COPC constituents of potential concern

CVOC chlorinated volatile organic compound

Dhb dehalobacter
Dhc dehalococcoides

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 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

SRI Supplemental Remedial Investigation

Site Management Plan

SVI soil vapor intrusion

sq square

SMP

SVOC semi volatile organic compound

TCE trichloroethene
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

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 (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 issuance in December 2015 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 subslab 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, 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 2015), 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 14, 2022 through April 12, 2023. 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. 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 2023) 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 2022 and April 2023;
- Appendix C provides the groundwater purge logs for the Site monitoring wells sampled in October 2022 and April 2023;

- Appendix D provides all October 2022 and April 2023 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 personal, as manufacturing activities have been moved to the two plants located on the north side of Erie Street.

The land adjoining the Site and in the neighborhood surrounding the Site includes 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 natural 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 2023 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 2, and VOCs in shallow and deep overburden groundwater west/southwest of Plant 1. Note: 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 (IRM) / 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) protection for source of drinking water (groundwater) standards (i.e., water class GA); herein referred to as 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 14, 2006), and NYSDEC DER-10 (NYSDEC, May 3, 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, polychlorinated biphenyl (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-1,2dichloroethene (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-dichlroethane (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 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 were 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, and focused on seven CVOCs that, per NYSDOH guidance values, should be 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 CVOC listed above was 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 Klozur® 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 was approved by NYSDEC on March 27, 2015 (AECOM, March 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 subslab 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 depths 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 weight percent (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 β -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* (Dhc) to achieve complete VOC destruction.

The combined ABC-Ole® and ZVI mixture was specifically designed to remediate impacted groundwater in an approximate 6,750 sq ft area within the approximate 1,000 μ g/L TVOC shallow overburden zone contour (which also overlies the 1,000 μ 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®, 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[®] and 7,500 pounds of ZVI were injected to treat the approximately 10 foot thick zone at approximately 500 pounds of ABC-Ole[®] 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-hazardous. 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 in to 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 < -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.

- Project reference: NYSDEC Site Code:
- 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 (NYSDEC, December 2015), 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 14, 2022 through April 12, 2023); a comparison of the groundwater data collected from the October 2022 and April 2023 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 2022 and April 2023). 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 2022 and April 2023 as part of the post-bioaugmentation injection program. In addition, one monitoring well (MW-42S) was sampled in October 2022 and April 2023 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. All 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 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 2022 and April 2023 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 2023) are presented below.

3.2 April 2023 Groundwater Elevation and Flow Direction

A comprehensive round of groundwater levels was measured from all 20 Site wells and piezometers during the April 2023 sampling event. **Table 3** provides a summary of groundwater elevations measured on April 10, 2023.

Two groundwater surface contour maps for April 2023 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 10, 2023 from the shallow overburden ranged from 683.43 ft above mean sea level (AMSL) at MW-44S to 687.71 ft AMSL at MW-35S. Groundwater elevations measured on April 10, 2023 from the deep overburden ranged from 681.39 ft AMSL at MW-38D to 685.84 ft AMSL at MW-40D. Based on these water level measurements, the groundwater beneath the Site indicates a northwesterly 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 2022 and April 2023 Groundwater Analytical Data

The October 2022 and April 2023 groundwater sampling event were the twentieth and twenty first comprehensive sampling event conducted at the Site since completion of the groundwater injection IRM in May 2015. VOCs detected in groundwater during the October 2022 and April 2023 sampling events are presented in **Table 4** and **Table 5**, respectively. 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 most recent sampling event (April 2023).

Groundwater Contaminants of Concern Summary of Results, April 2023

| VOCs Detected in Groundwater | Concentration Range (μg/L) | Number of Detections | RAO/TOGS 1.1.1 Exceedances |
|---------------------------------------|-------------------------------|-------------------------|-------------------------------|
| Chloroethane | 480 – 9,000 | 4 | 4 |
| 1,1-Dichloroethane* | 130 – 740 | 4 | 4 |
| 1,1,1-Trichloroethane* | 51 – 74 | 2 | 2 |
| cis-1,2-Dichloroethene* | 1.5 – 4,600 | 2 | 1 |
| Vinyl chloride* | 2,400 | 1 | 1 |
| Toluene | 390 | 1 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 330 | 1 | 1 |
| 2-Butanone (MEK) | 11 - 20 | 2 | 0 |
| Acetone | 7.2 – 15 | 2 | 0 |

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

Nine VOCs were detected in groundwater from the monitoring wells (not including the five on-Site stormwater catch basins and two temporary piezometers screened in the storm sewer pipe bedding)

during the April 2023 sampling event. Seven 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 only four of the nine wells, 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 19** illustrate April 2023 contours for individual COCs which were detected in shallow and/or deep overburden groundwater. **Figures 20** and **21** illustrate April 2023 contours for TVOCs in shallow and deep overburden groundwater respectively.

The highest concentrations of VOCs in shallow overburden groundwater were detected at A1-GP10-S, MW-42S, and A1-GP02-S; chloroethane was observed at A1-GP10-S (9,000 μ g/L) and MW-42S (6,600 μ g/L) and cis-1,2-DCE was observed at A1-GP02-S (4,600 μ g/L). The highest concentrations of VOCs in deep overburden groundwater were detected at MW-40D (chloroethane at 480 μ g/L). Chloroethane, 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.

Historical trend plots for the wells sampled in October 2022 and April 2023 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 2022 and April 2023 groundwater monitoring well data, there were no detections of 1,1,1-TCA, PCE or TCA in October 2022 and only two detections of 1,1,1-TCA (A1-GP06-S and MW-40D) in April 2023 (no detections of PCE or TCE were observed in April 2023). 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 TCE 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 2022 and April 2023 sampling events are provided in **Appendix D** on a compact disc.

3.4 October 2022 and April 2023 Storm Sewer Catch Basin and Storm Sewer Pipe Bedding Analytical Data

VOC data collected from on-site storm sewer catch basins CB-1, CB-2, CB-3, and CB-4 exhibited a decrease in TVOCs 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 2023 sampling event. Refer to **Table 6** for a summary of the VOC data collected between April 2020 and April 2023 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 110 ft north (down-gradient) of CB-1. Between the October 2022 and April 2023 sampling events, no COC's were detected above the site-specific RAOs in TP-5 or TP-6. Refer to **Table 6** for a summary analytical data collected at the two temporary piezometers between April 2020 and April 2023.

3.5 Comparison of April 2023 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 2023, TCE was not detected at any of the monitoring wells, however, TCE was detected at on-Site catch basins CB-1 (2.5 μ g/L), CB-3 (0.51 μ g/L) and CB-E (1.0 μ g/L); TCE was not detected at 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 μ g/L to below the detection limit), MW-42S (13,000 μ g/L to below the detection limit), and MW-38D (11,000 μ g/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-35D, MW-38D, and MW-40D. Results of the April 2023 MNA samples are summarized in **Table 7**. Per **Table 7**, all source area wells sampled for MNA parameters 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. It should be noted that during the April 2023 groundwater sampling event, sidegradient/background well A1-GP18-S had a TVOC concentration of 0 μg/L, and downgradient wells MW-35D and MW-38D had TVOC concentrations of 0 μg/L and 18 μg/L respectively.

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. The microbial analyses indicates that the necessary concentrations of bacteria such as Dhc species that can produce the enzymes VC Reductase, BAV1 VC, Reductase and TCE Reductase remain present in the subsurface. Further discussion of these 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 chloroethane), 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 chlorinated VOCs 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 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 2022 and April 2023. Refer to **Figure 22** and **Figure 23** for shallow and deep overburden groundwater TOC plume figures respectively.

3.8 Dechlorinating Bacteria Analysis

During the October 2022 and April 2023 groundwater sampling event, 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. An electronic copy of the analytical laboratory data packages for the October 2022 and April 2023 sampling events are provided in **Appendix D** on CD.

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

Six VFAs were analyzed for 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, and April 2023. The following compares the pre-bioaugmentation injection event concentrations with the most recent post-bioaugmentation injection sampling event performed in April 2023.

Lactate is a component of the ABC-Ole'® that was previously injected at the Site. Lactate ferments to the VFAs acetate and propionate. Lactate can be used as a measure of the remaining unused reducing potential of the previously injected ABC-Ole'®. For monitoring well MW-42S, lactate increased from <0.39 mg/L to <12 mg/L between August 2021 and April 2023; however, the sample dilution factor increased from 50 to 1,000 so there likely is little, if any, lactate from the previous injections left in the vicinity of this well. For monitoring well A1-GP10-S, lactate increased from <0.39 mg/L to <0.62 mg/L between August 2021 and April 2023, which indicates limited, if any, lactate from the previous injections remain in the vicinity of this well.

Acetate is fermented from lactate, ABC-Ole'®, 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 chloroethane. As a result, the presence of acetate indicates that partial reductive dechlorination can occur. However, complete reductive dechlorination to ethene and ethane will not occur without the presence of other VFAs and Dhc. Between August 2021 and April 2023, Acetate increased in monitoring well MW-42S (574 mg/L to 816 mg/L) and decreased in monitoring well A1-GP10-S (471 mg/L to 14 mg/L). The current low concentration of acetate in the vicinity of A1-GP10-S suggests that partial dechlorination by Dhb will be limited in the future. More time is required to see the impact of this decrease in acetate.

Propionate is fermented from lactate, ABC-Ole'®, 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 was detected in MW-42S in August 2021 but decreased in concentration from 148 mg/L to <0.10 mg/L in April 2023. Propionate was also detected in monitoring well A1-GP10-S but also decreased in concentration from 68 mg/L to <0.01 mg/L in April 2023. The lack of detection of propionate at both wells indicates that the ABC-Ole'® from the last injection event in May 2019 is close to being used up or has been expended or that the quantity of Dhc and/or Dhb in the vicinity of these two wells is insufficient to produce a measurable quantity of propionate.

Formate is created from the fermentation of propionate. Formate is fermented to produce hydrogen and bicarbonate. Formate increased in monitoring wells MW-42S and A1-GP10-S between August 2021 and

April 2023 from <0.22 mg/L to <25 mg/L and from <0.22 mg/L to <1.3 mg/L respectively. However, because the quantities in April 2023 were still non-detect for both wells, it is uncertain whether formate exists at the wells. Because formate is created from the fermentation of propionate, it is likely that formate is not present at these wells.

Butyrate is created from the fermentation of ABC-Ole^{*®} and alcohols. Butyrate ferments to produce hydrogen and acetate. Slow fermentation of butyrate results in efficient reductive dechlorination (less methanogenesis) and optimal Dhc growth. Butyrate was detected in monitoring well MW-42S during both August 2021 and April 2023 sampling events but decreased from 108 mg/L to 50 mg/L. Butyrate decreased from 46 mg/L to <0.06 mg/L at A1-GP10-S. The results for butyrate indicate the same as described for propionate (i.e., the ABC-Ole^{*®} from the last injection event in May 2019 is close to being used up or has been expended).

Pyruvate is created from the fermentation of sugars. Pyruvate is subsequently fermented to propionate and acetate with some hydrogen production. Pyruvate was detected in monitoring well MW-42S during both August 2021 and April 2023 but decreased from 26 mg/L to 16 mg/L. Pyruvate decreased from 5.3 mg/L in August 2021 to <0.15 mg/L in April 2023. The decreasing concentration of pyruvate also contributes to the lowered concentration of propionate and acetate that were detected in April 2023.

Overall, the April 2023 VFA results for monitoring well MW-42S and A1-GP10-S indicate that the remaining TOC (155 mg/L and 70 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; however, the quantity of ABC-Ole'® remaining to promote efficient reductive dechlorination appears to be close to being expended, particularly in the vicinity of A1-GP10-S. Three of the six VFAs were detected in MW-42S, and one of six VFAs were detected in A1-GP10-S.

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 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 9**; 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, and April 2023. The following compares the pre-bioaugmentation injection monitoring event concentrations with the most recent post-bioaugmentation injection sampling event performed in April 2023.

The post-injection Gene-Trac[®] Dhc results decreased from 5-13 % to 0.7-2% Dhc (decrease from 2 x 10^8 enumerations per liter in August 2021 to 1 x 10^7 enumerations per liter in April 2023). Per the technical notes from SiREM regarding interpretation of data, when the density of Dhc gene copies per liter is 1 x 10^7 or higher, this concentration is generally associated with significant rates of dechlorination.

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 x 10⁸ gene copies per liter in the pre-injection sample and decreased slightly to 1 x 10⁷ gene copies per liter in the April 2023 post-injection sample collected. The *bvcA* reductase gene was detected in monitoring well MW-42S at 2 x 10⁵ gene copies per liter in August 2021 and decreased to 3 x 10⁴ gene copies per liter in April 2023. The *tceA* reductase gene was detected in monitoring well MW-42S at 2 x 10⁷ gene copies per liter in August 2021 and decreased to 2 x 10⁶ gene copies per liter in April 2023. 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 x 10⁷ gene copies per liter. In this case, *bvcA* and *tceA* were detected at less than 1 x 10⁷ gene copies per liter; however, the *vcrA* and Dhc numbers remained at and above 1 x 10⁷ gene copies per liter, respectively. Therefore, the potential for complete dechlorination remains high. Additionally, VC stall is unlikely when *vcrA* greater than 1 x 10⁷ gene copies per liter, and ethene is detectable. At monitoring well MW-42S, ethene was detected at 3,700 μg/L and 2,800 μg/L in October 2022 and April 2023, 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 indicates that dechlorination activities attributed to Dhb may be active. Increasing concentrations of Dhb are indicative of increased potential for degradation. Dhb was detected at 6 x 10⁶ gene copies per liter in August 2021 and at 6 x 10⁵ gene copies per liter in April 2023. This is a decrease by an order of magnitude in the quantity of Dhb detected near MW-42S and is in the moderate quantity or concentration range for Dhb. This moderate quantity may limit dechlorination by 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 the vicinity of this well.

3.9 Dechlorinating Chemical Analysis

In addition to the dechlorinating bacteria and degradative enzyme results, the presence and distribution of TCE degradation products (cis-1,2-DCE and VC) and 1,1,1-TCA degradation products (1,1-DCA and chloroethane) provide supportive evidence that the attenuation of TCE and 1,1,1-TCA and their degradation products via reductive dechlorination continues to occur in-situ at the Site. The occurrence and concentrations of these degradation products are directly related to the historic distribution of TCE and 1,1,1-TCA in the subsurface. During the October 2022 and April 2023 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 2022 and April 2023 semi-annual groundwater sampling events as well as in July 2022 and January 2023. 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 10, 2023 from the shallow overburden ranged from 683.43 ft AMSL at MW-44S to 687.71 ft AMSL at MW-35S. Groundwater elevations measured on April 10, 2023 from the deep overburden ranged from 681.39 ft AMSL at MW-38D to 685.84 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 in particular), and degradative enzymes (*vcrA* in particular) 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 2023 exhibited detections just 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 concentration of COCs.
- 5. There were no VOCs detected above the screening criteria in samples collected in April 2023 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 therefore 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 2023 and April 2024); 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 20 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 2023 comprehensive groundwater sampling event and will include the results from groundwater sampling events scheduled for October 2023 and April 2024.

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. Note an IC/EC certification form was not distributed by NYSDEC for this reporting period; NYSDEC directed AECOM to update the February 19, 2021 IC/EC certification form for the current reporting period. AECOM verified that the institutional and engineering controls listed below are being implemented and are in compliance with the February 19, 2021 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.

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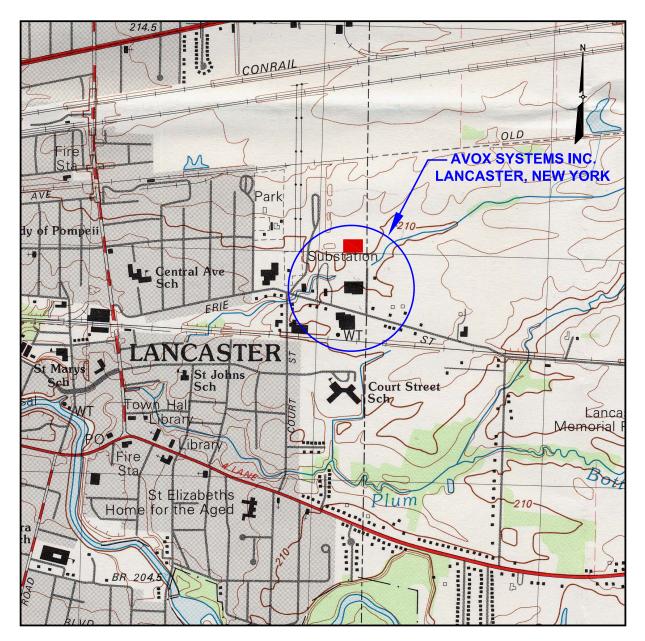
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Figures

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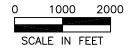


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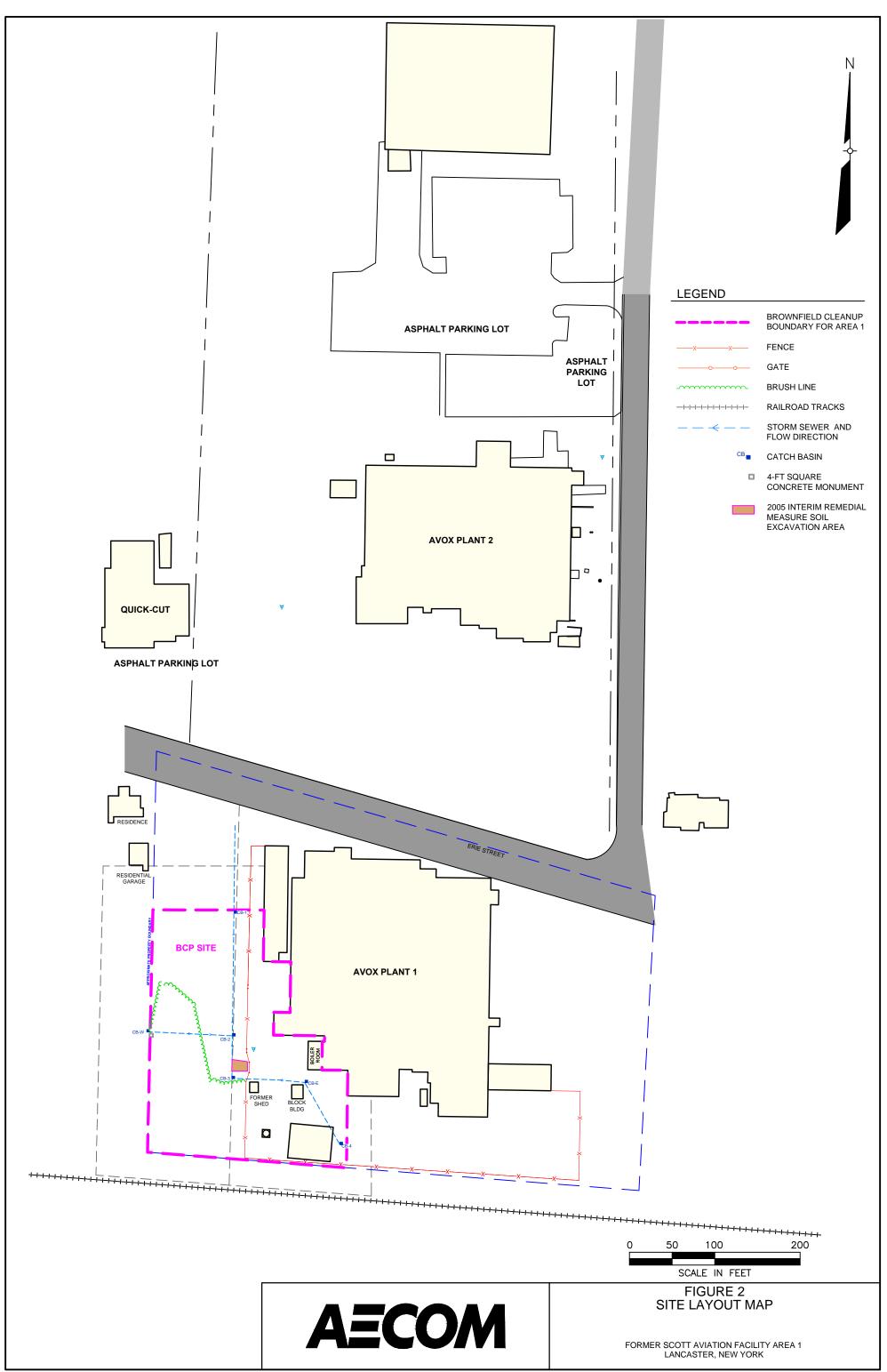
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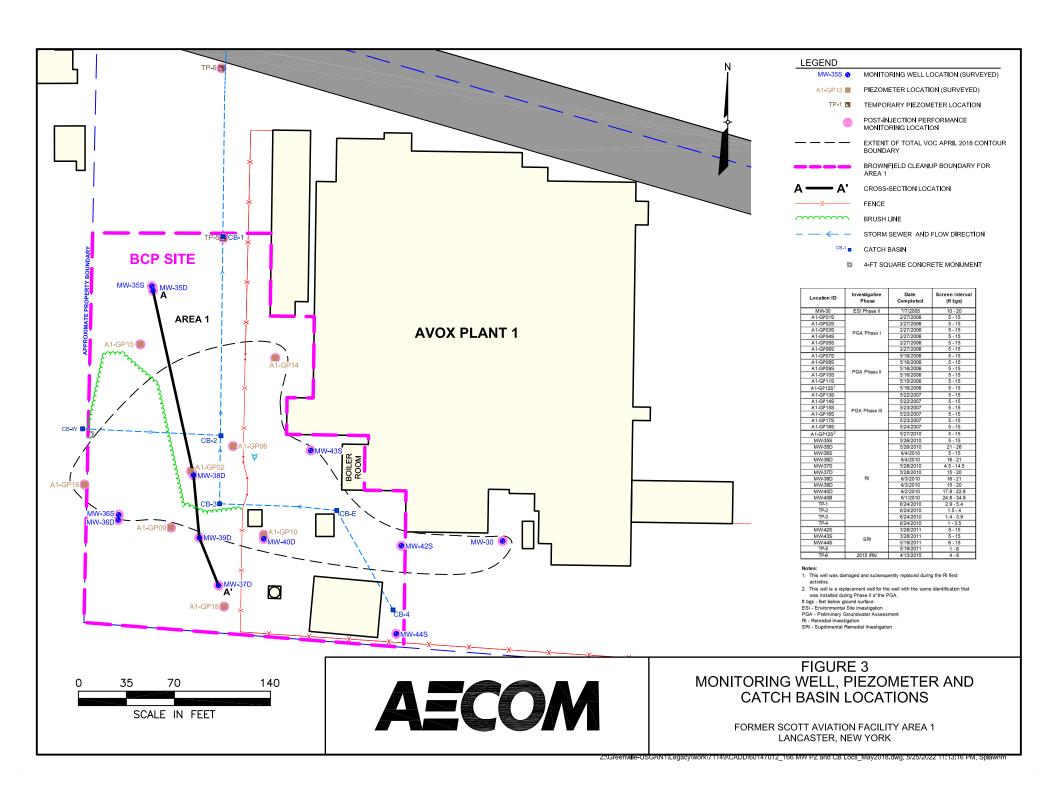


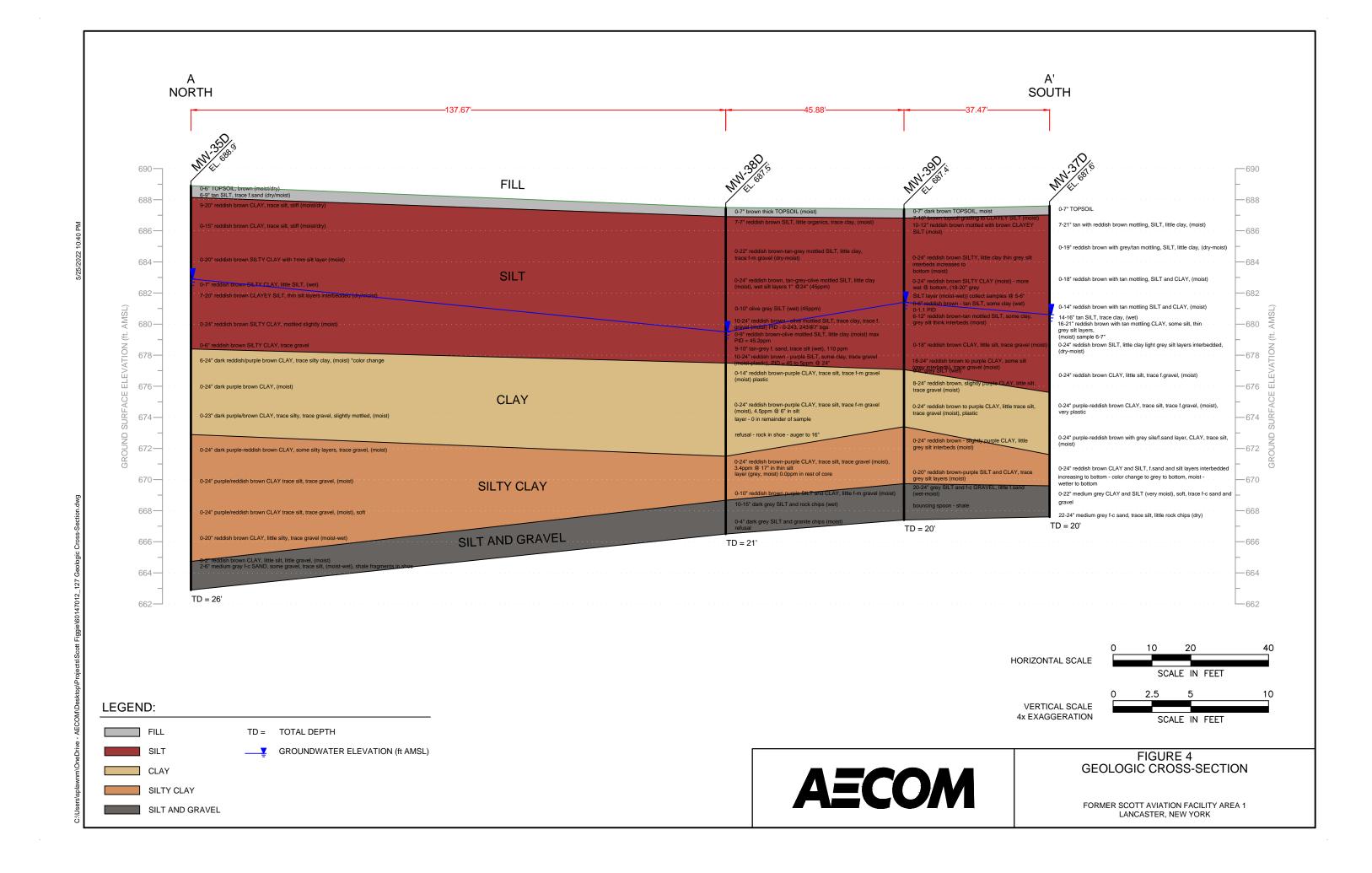
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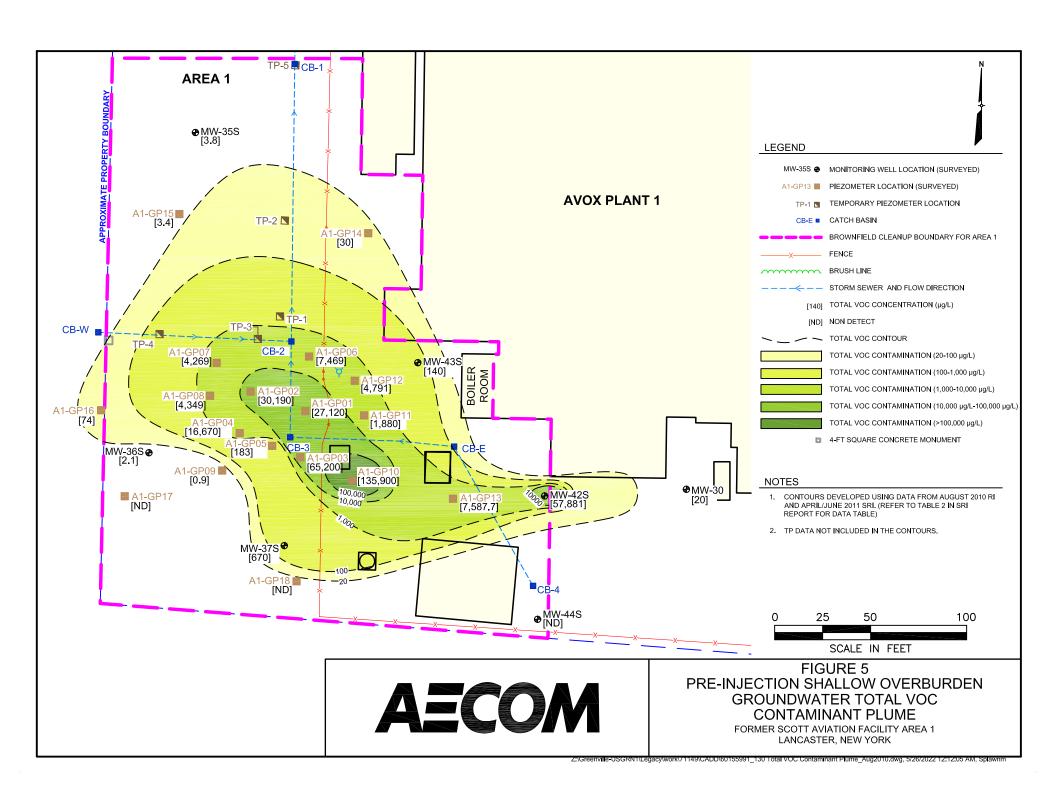
FIGURE 1 SITE LOCATION MAP

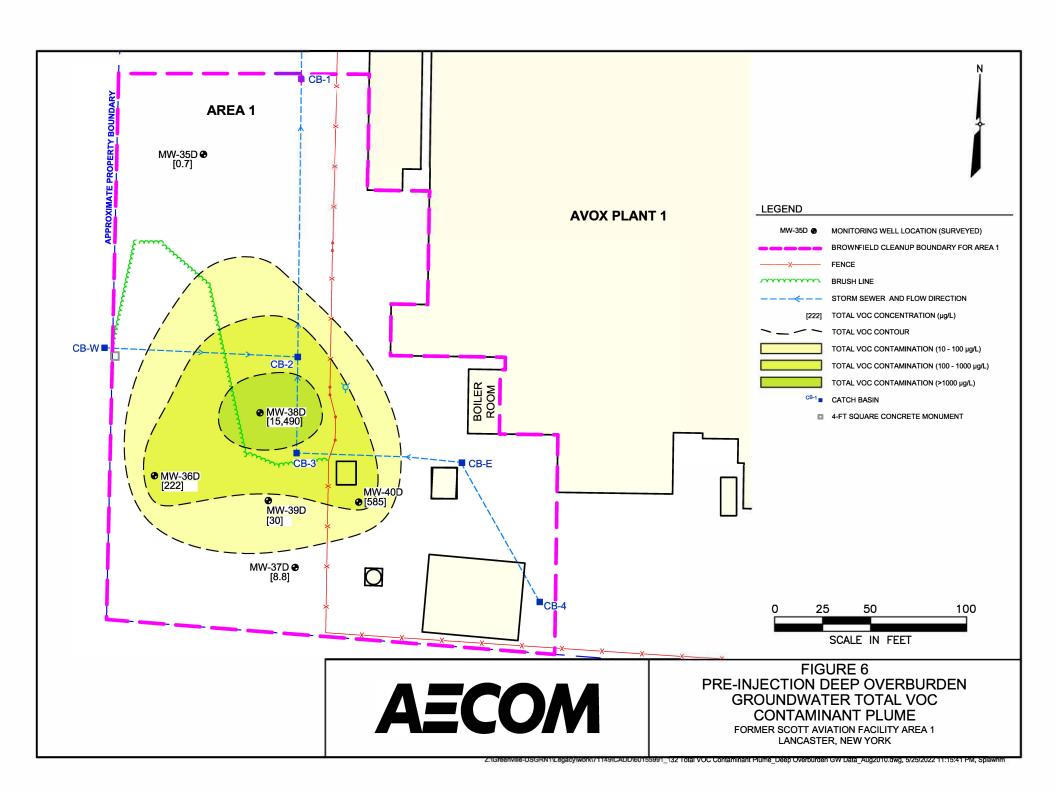
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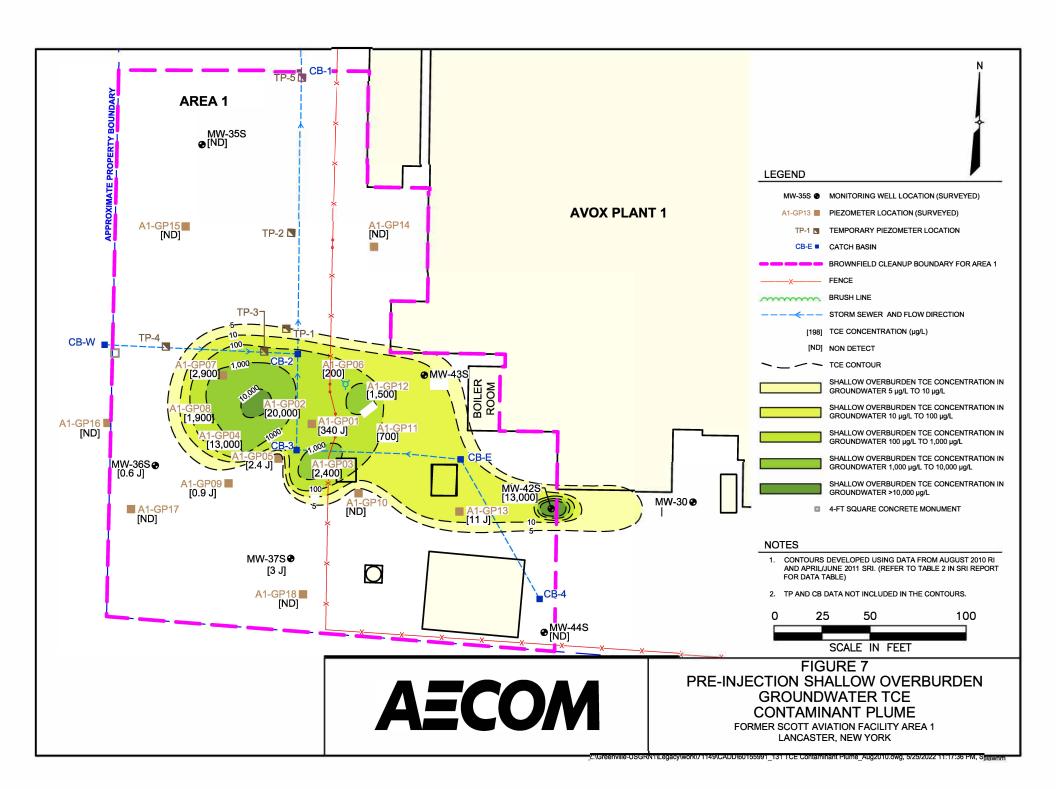


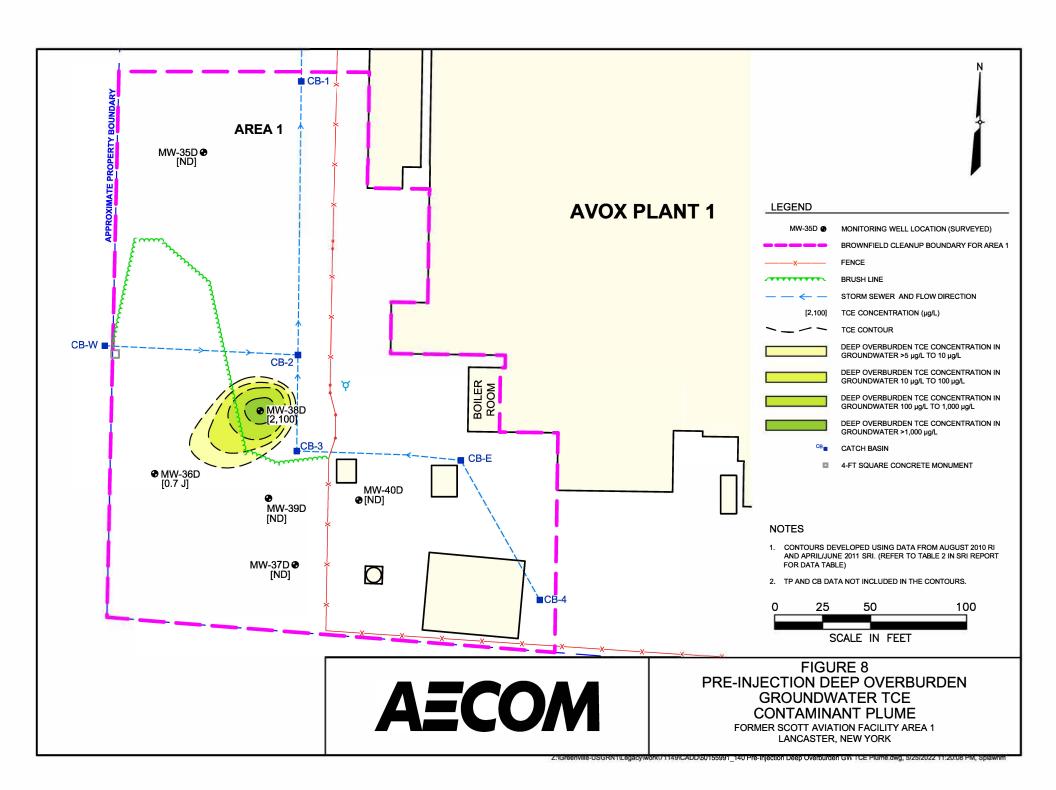


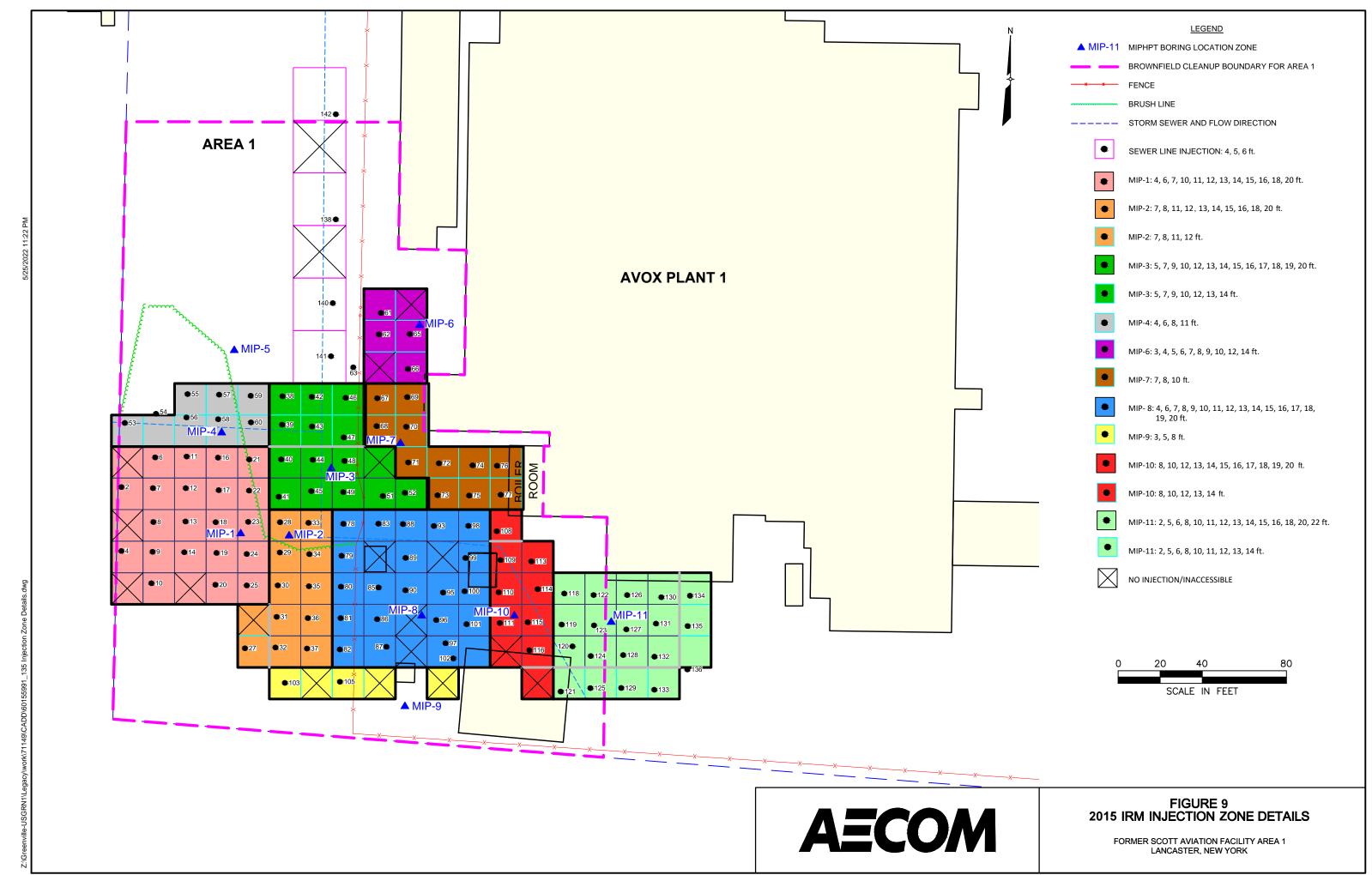


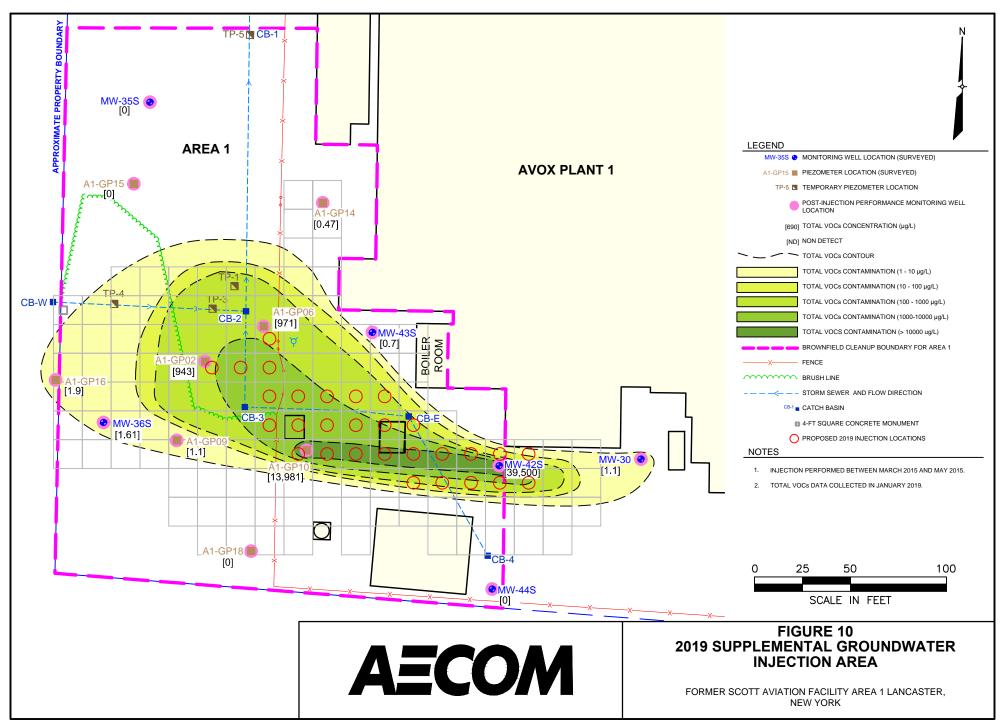


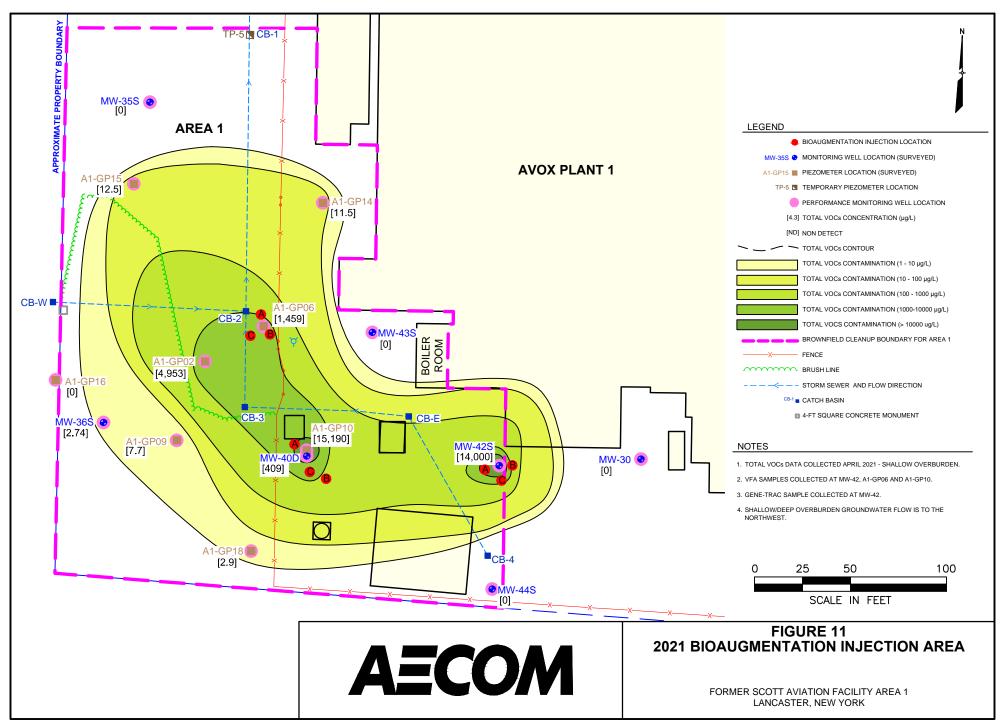


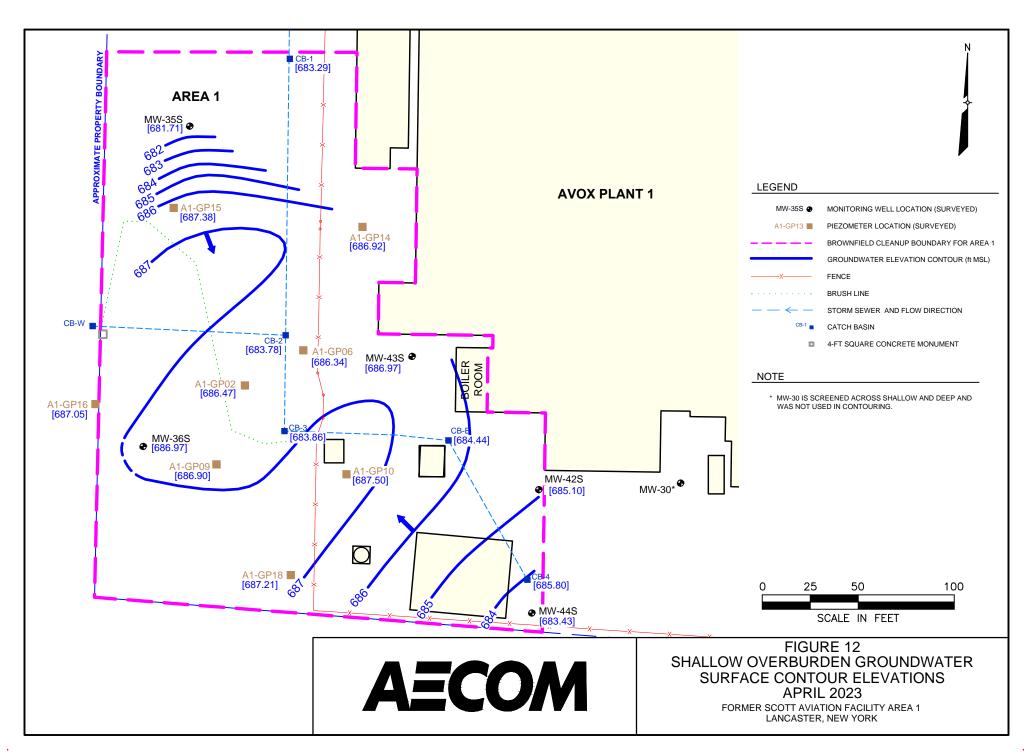


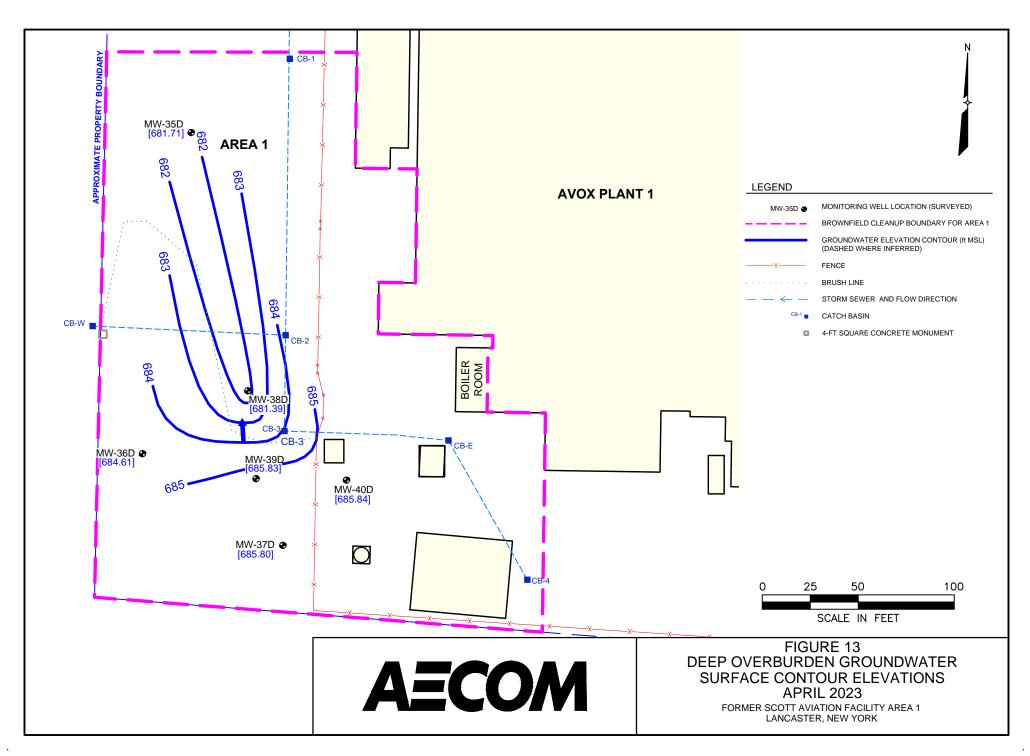


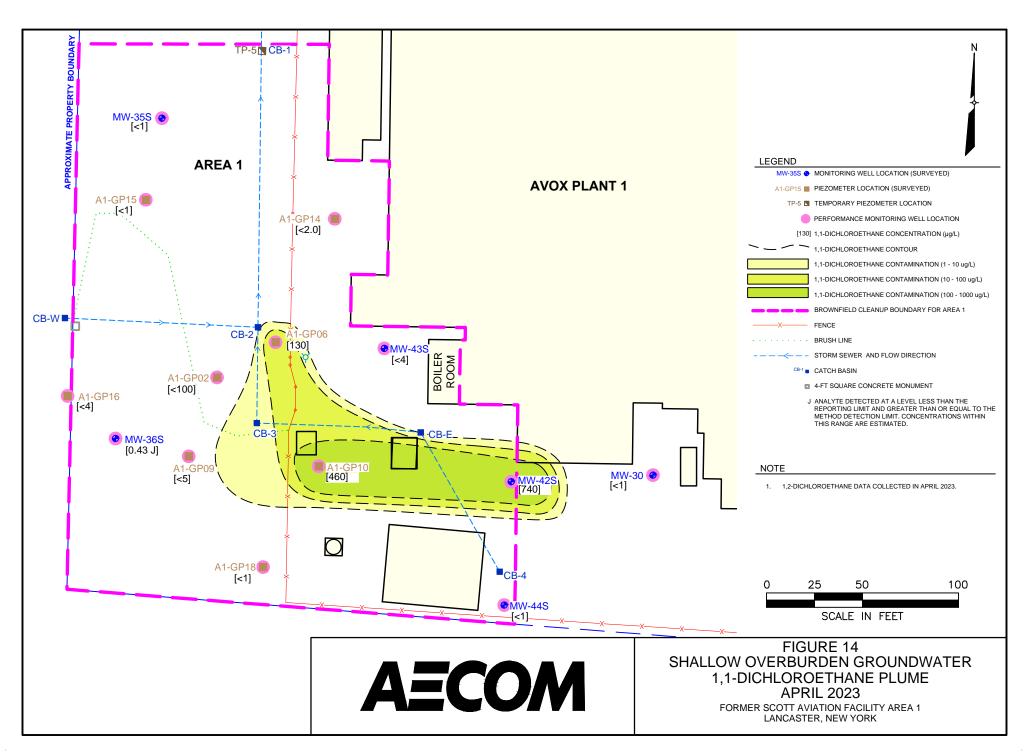


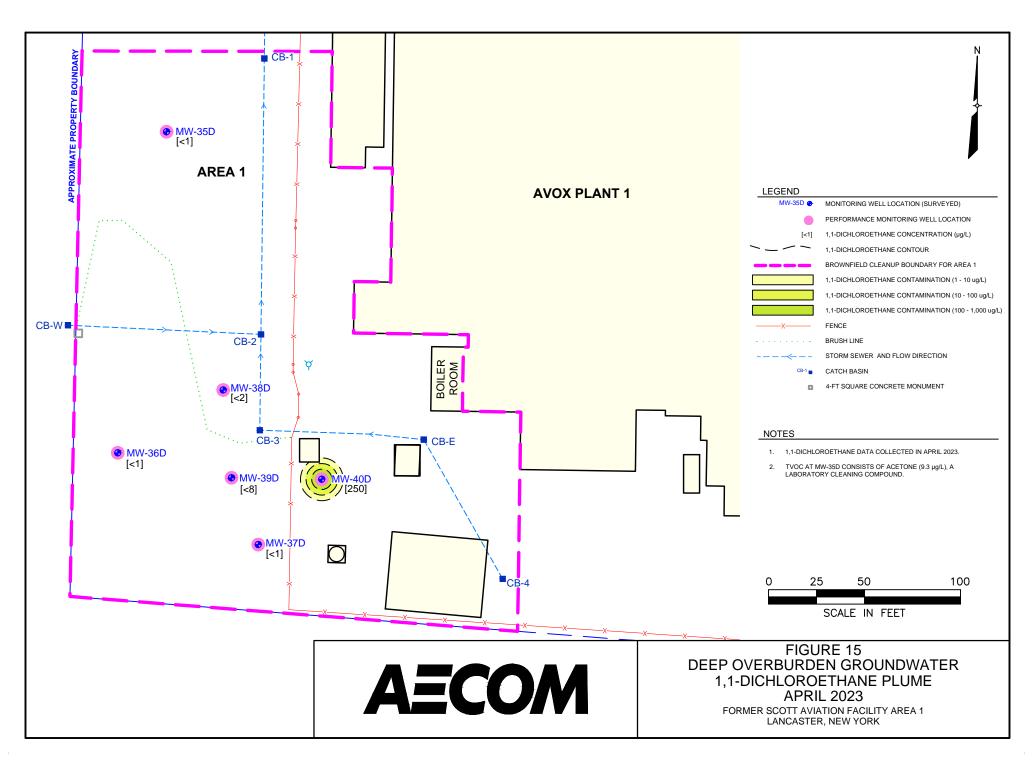


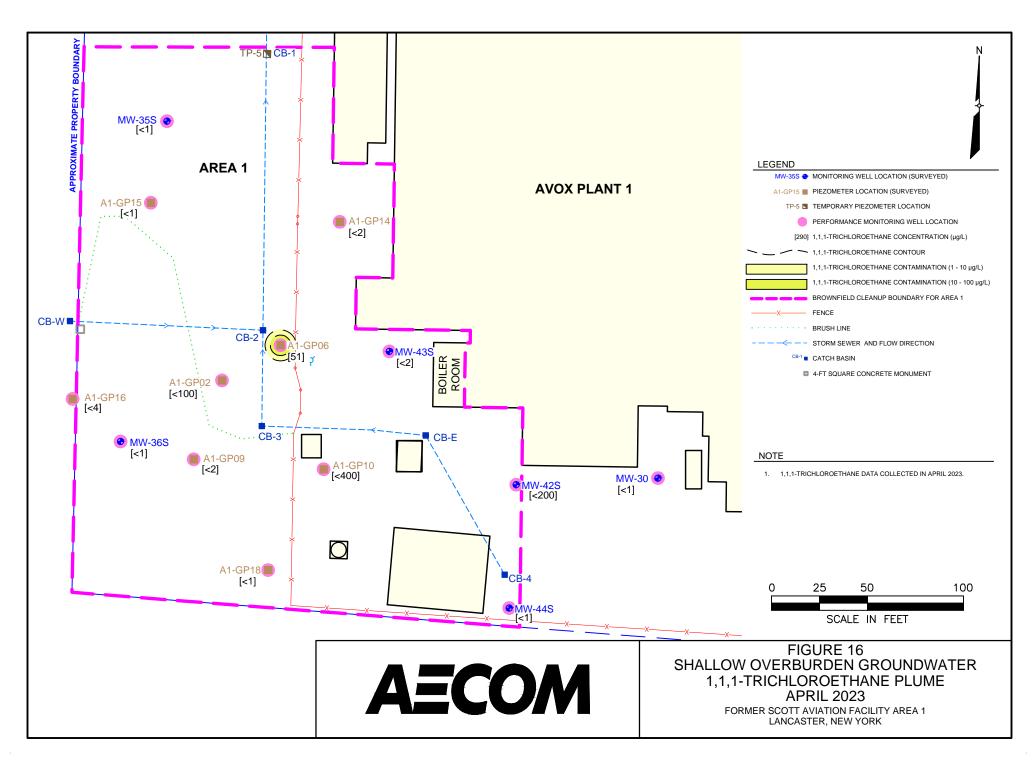


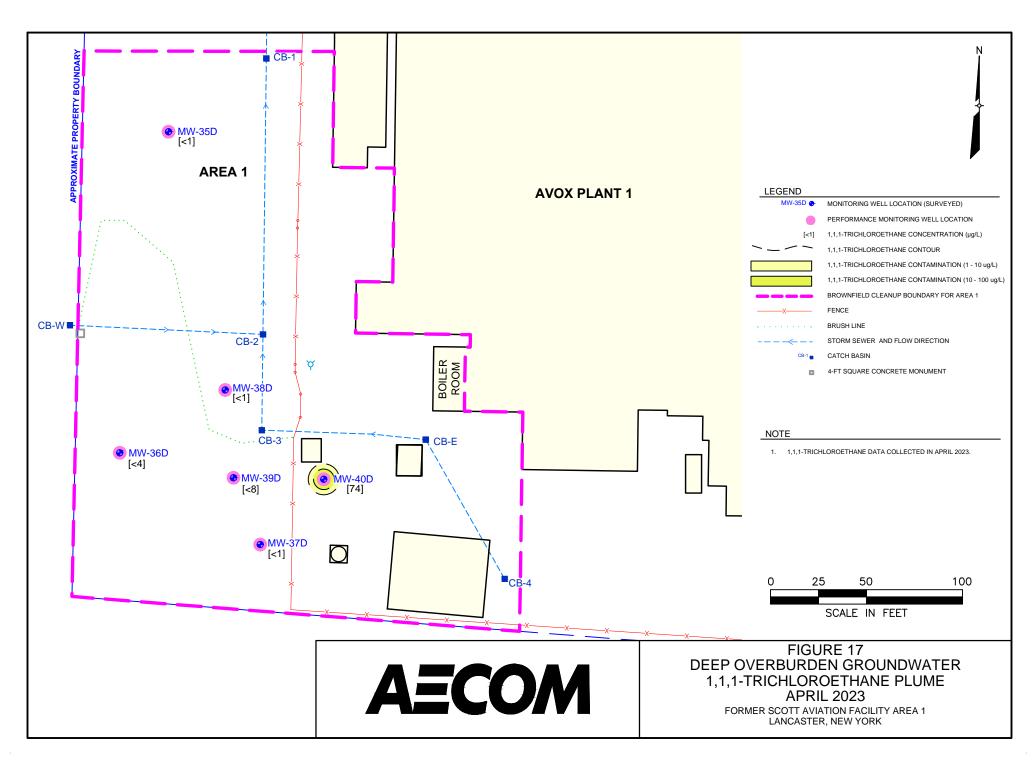


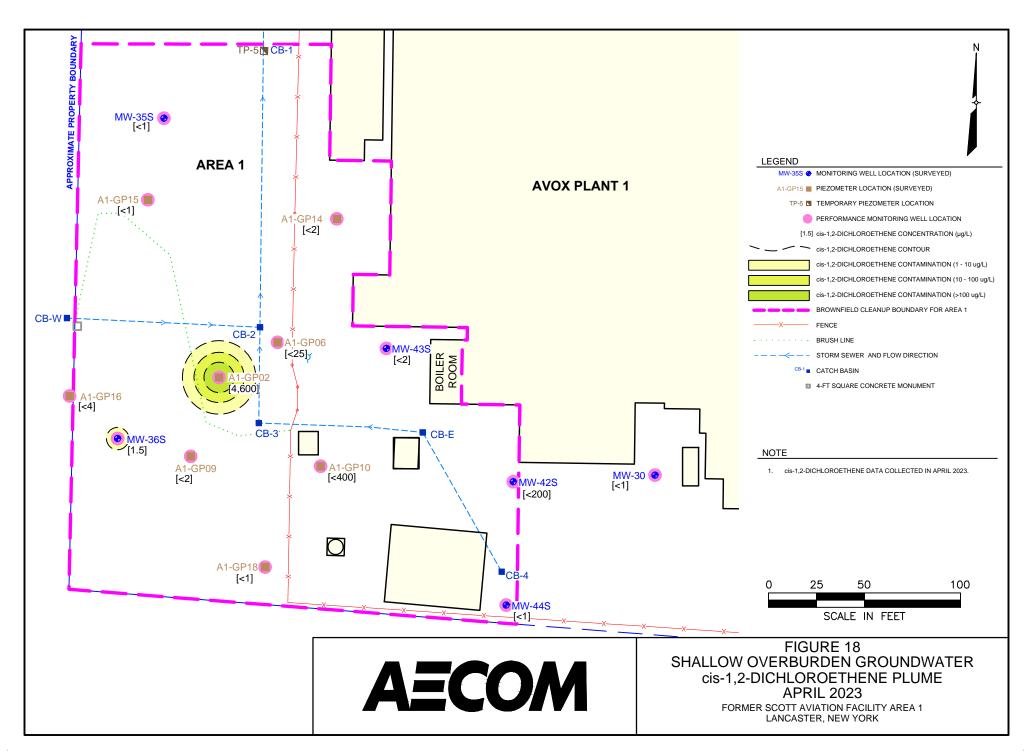


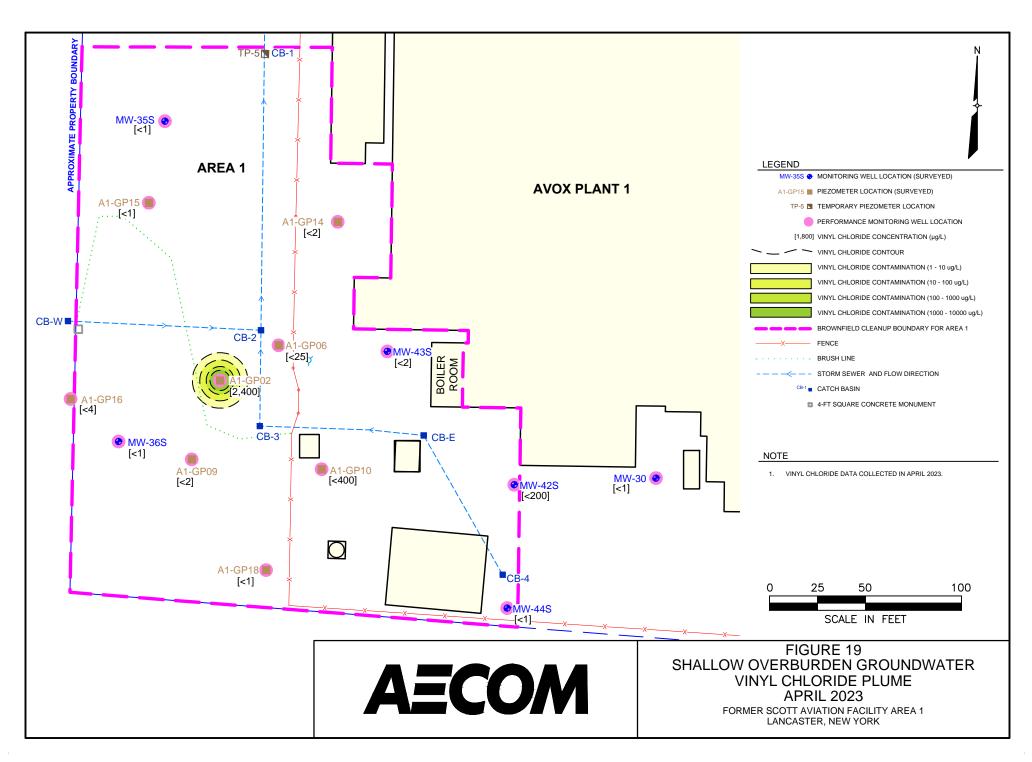


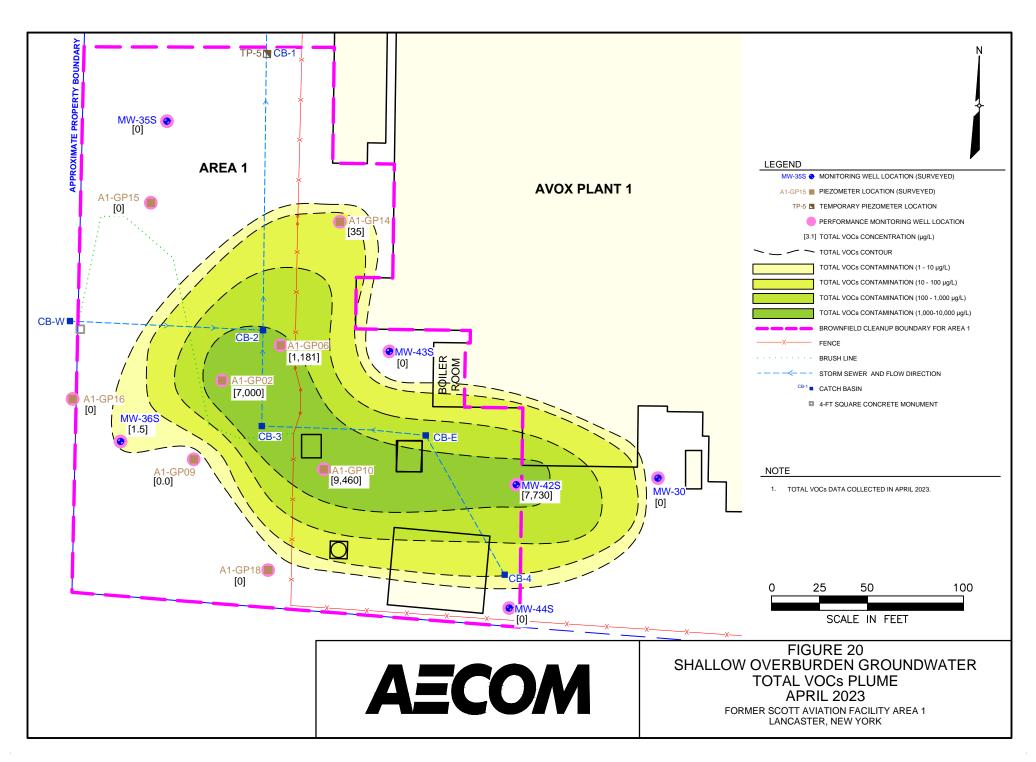


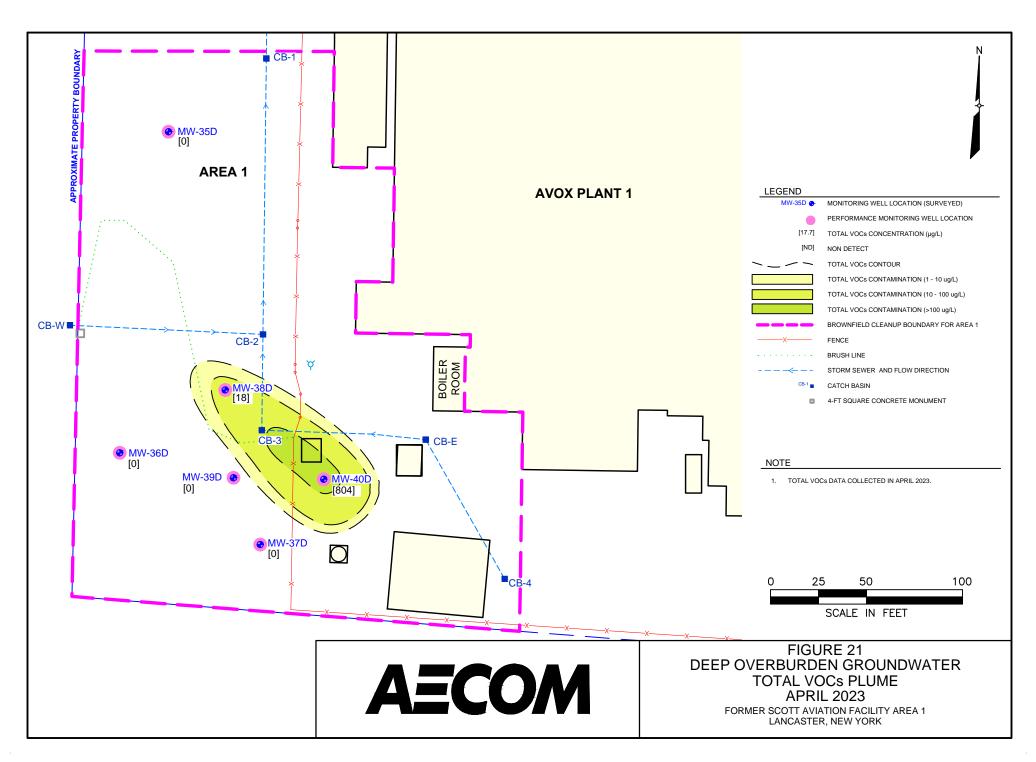


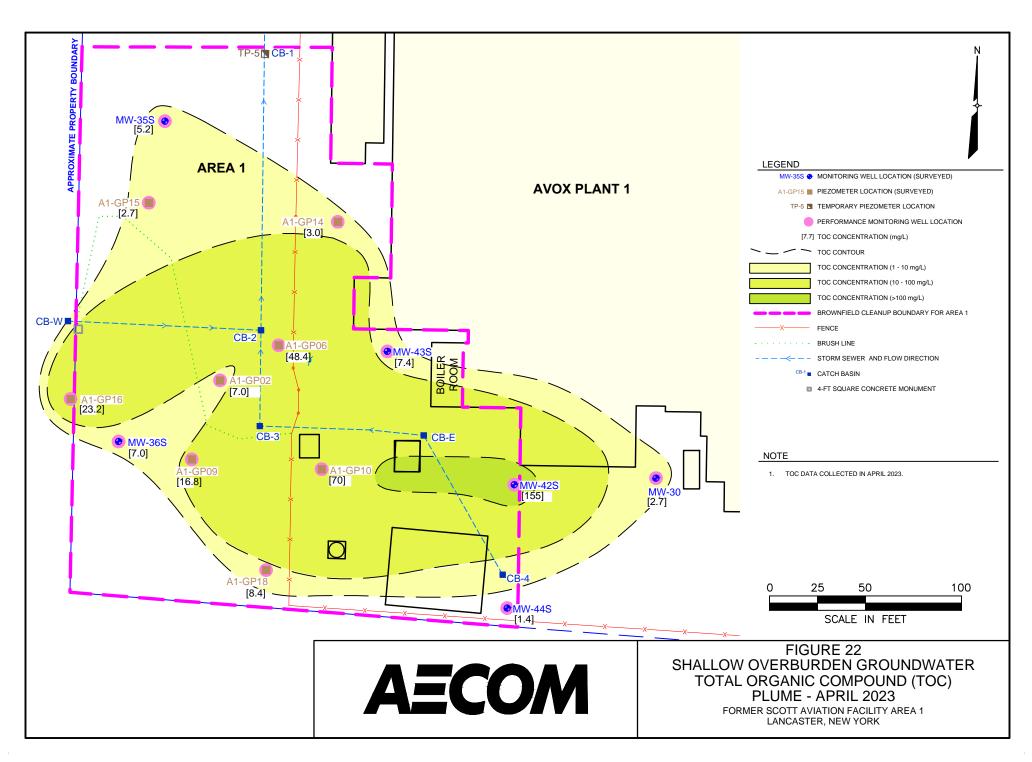


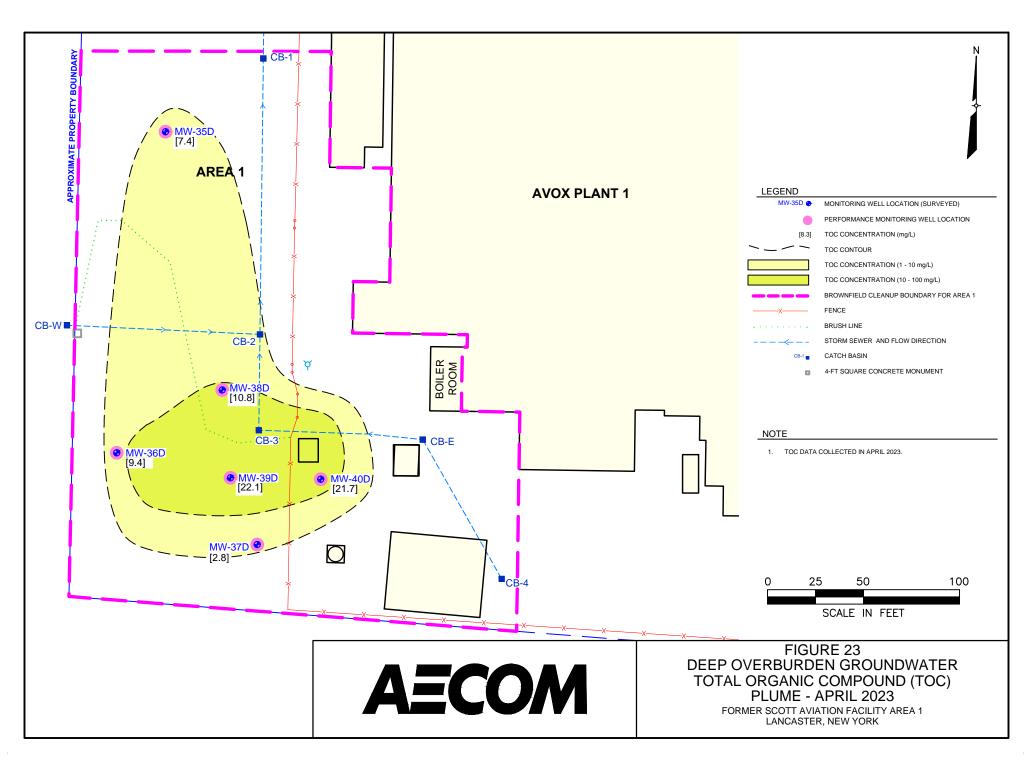












Tables

Project reference: NYSDEC Site Code: C915233

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

| | Field Parameters | VOCs | TOC | Ferrous Iron | Nitrate | Sulfate | Sulfide | Total Alkalinity | Dissolved Gases | Gene-Trac | VFA |
|-----------|---------------------|---------------|---------------|-------------------|---------------|------------------|-----------------|------------------|--------------------|-----------|-----|
| Location | | (SW846 8260C) | (SW846 9060A) | (SM 3500 FE D) | (EPA 353.2) | (MCAWW 300.0) | (SM 4500 S2 F) | (MCAWW 310.2) | (RSK-175) | | |
| | | , | , | Monitoring Well a | nd Temporar | v Piezometer Gro | undwater Sampli | ng | /1 | | |
| MW-30 | ✓ | ✓ | ✓ | | | ĺ | | | | | |
| MW-35S | ✓ | ✓ | ✓ | | | | | | | | |
| MW-35D | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| MW-36S | ✓ | ✓ | ✓ | | | | | | | | |
| MW-36D | ✓ | ✓ | ✓ | | | | | | | | |
| 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 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | | - | | Storm S | Sewer and Pip | e Bedding Water | Sampling | | - | | |
| 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.

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

VOC - Volatile Organic Compound

TOC - Total Organic Carbon

VFA - Volatile Fatty Acids

Dissolved gases analyzed under RSK-175 included Methane, Ethane, Ethene, and Carbon dioxide.

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

| | | | Well Diameter | El | evation (fe | et above mea | n sea level) | Feet from Casing |
|-----------|---------------------|----------------------------------|---------------|--------|-------------|--------------|---------------|------------------|
| Well ID | Well Location | Coordinates (longitude/latitude) | (inches) | 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 - April 2023 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| | | April 10 | 0, 2023 |
|------------------------------------|----------------------------|--|---|
| Monitoring Point Identification | Top of Casing Elevation | Depth to Groundwater (feet from TOC) | Groundwater Elevation (feet AMSL) |
| Monitoring | y Wells | | |
| MW-30 ¹ | 689.69 | 2.95 | 686.74 |
| MW-35S | 688.56 | 0.85 | 687.71 |
| MW-35D | 688.40 | 6.69 | 681.71 |
| MW-36S | 689.82 | 2.85 | 686.97 |
| MW-36D | 689.66 | 5.05 | 684.61 |
| MW-37D | 690.05 | 4.25 | 685.80 |
| MW-38D | 689.66 | 8.27 | 681.39 |
| MW-39D | 689.72 | 3.89 | 685.83 |
| MW-40D | 689.19 | 3.35 | 685.84 |
| MW-42S | 689.08 | 3.98 | 685.10 |
| MW-43S | 689.13 | 2.16 | 686.97 |
| MW-44S | 688.96 | 5.53 | 683.43 |
| Piezome | eters | | |
| A1-GP02-S | 689.82 | 3.35 | 686.47 |
| A1-GP06-S | 687.71 | 1.37 | 686.34 |
| A1-GP09-S | 689.36 | 2.46 | 686.90 |
| A1-GP10-S | 689.10 | 1.60 | 687.50 |
| A1-GP14-S | 689.43 | 2.51 | 686.92 |
| A1-GP15-S | 687.69 | 0.31 | 687.38 |
| A1-GP16-S | 689.86 | 2.81 | 687.05 |
| A1-GP18-S | 690.37 | 3.16 | 687.21 |
| Storm S | ewer | | |
| TP-5 | 690.53 | 7.70 | 682.83 |
| TP-6 | 690.25 | 7.45 | 682.80 |
| CB-1 | 689.53 | 6.24 | 683.29 |
| CB-2 | 687.40 | 3.62 | 683.78 |
| CB-3 | 687.55 | 3.69 | 683.86 |
| CB-4 | 689.00 | 3.20 | 685.80 |
| CB-E | 689.35 | 4.91 | 684.44 |

Notes:

1 - Well is screened across both shallow and deep overburden units.

TOC - Top of Casing

AMSL - Above Mean Sea Level

S - well is screened in shallow overburden

D - well is screened in deep overburden

Table 4 Summary of Monitoring Well Analytical Data - October 2022 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| Sample ID | Groundwater | F | 1-GP02- | S | Α | 1-GP06- | -S | Α | 1-GP09 | -S | A | \1-GP10- | S | A | 1-GP14 | -S | Α | 1-GP15 | -S | Α | 1-GP16 | i-S |
|---------------------------------------|----------------|----|-----------|------------------|----|----------|-----|-----|---------|--------------|----|-----------|-----|-----|---------|------|-----|---------|------|-----|---------|------|
| Date Collected | RAO/TOGS 1.1.1 | | 10/06/22 | | | 10/06/22 | 2 | | 10/05/2 | 2 | | 10/10/22 | ! | | 10/10/2 | 2 | | 10/06/2 | 2 | | 10/05/2 | 2 |
| | Objective | 48 | 30-202443 | 3-6 | 48 | 0-20244 | 3-2 | 480 | 0-20237 | ' 9-1 | 48 | 30-202540 | 0-2 | 480 | 0-20254 | 10-6 | 480 |)-20244 | 13-7 | 480 | 0-20238 | 30-1 |
| Volatile Organic Compounds by Metho | od 8260 (µg/L) | | | | | | | | | | | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | < | 25 | U | < | 20 | С | < | 5.0 | U | < | 400 | U | < | 2.0 | U | < | 1.0 | U | ٧ | 4.0 | U |
| 1,1-Dichloroethane* | 5 | < | 25 | U | | 21 | | < | 5.0 | U | | 230 | J | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| 2-Butanone (MIBK) | 50 | < | 250 | U | < | 200 | U | < | 50 | U | < | 1,000 | U | < | 20 | U | < | 10 | U | < | 40 | U |
| 2-Hexanone | 50 | < | 130 | U | < | 100 | U | < | 25 | U | < | 1,000 | U | < | 10 | U | < | 5.0 | U | < | 20 | U |
| Acetone | 50 | < | 250 | U | < | 200 | U | < | 50 | U | < | 2,000 | U | < | 20 | U | < | 10 | U | < | 40 | U |
| Chloroethane | 5 | < | 25 | U | | 840 | | < | 5.0 | U | | 8,700 | | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| cis-1,2-Dichloroethene* | 5 | | 5,100 | | < | 20 | U | < | 5.0 | U | < | 200 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| Ethylbenzene | 5 | | 53 | | < | 20 | U | < | 5.0 | U | < | 200 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| Toluene | 5 | < | 25 | U | < | 20 | U | < | 5.0 | U | < | 200 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| Vinyl chloride* | 2 | | 3,400 | | < | 20 | U | < | 5.0 | U | < | 200 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| Xylenes, Total | 5 | | 50 | | < | 40 | U | < | 10 | U | < | 400 | U | < | 4.0 | U | < | 2.0 | U | < | 8.0 | U |
| Total Volatile Organic Compounds | NL | | 8,603 | | | 861 | | | 0 | | | 8,930 | | | 2.0 | | | 0 | | | 0 | |
| Total Organic Carbon | NL | Ť | 7.1 | , and the second | , | 25.8 | | | 14.3 | , | | 90.6 | | | 5.8 | | | 2.8 | , | | 27.0 | |

April 2023

Table 4 Summary of Monitoring Well Analytical Data - October 2022 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| Sample ID | Groundwater | A | 1-GP18 | -S | | MW-30 | | | MW-359 | 3 | I | Duplicate | е | N | лW-36 | S | | MW-42S | | ı | MW-43 | S |
|---------------------------------------|----------------|-----|----------|-----|-----|----------|-----|-----|---------|------|----|-----------|-----|-----|----------|------|----|----------|-----|-----|---------|------|
| Date Collected | RAO/TOGS 1.1.1 | | 10/06/22 | 2 | | 10/10/22 | 2 | | 10/07/2 | 2 | | 10/07/22 | 2 | | 10/5//22 | 2 | | 10/07/22 | | | 10/10/2 | 2 |
| Lab Sample ID | Objective | 480 |)-20244 | 3-3 | 480 | 0-20254 | 0-3 | 480 |)-20248 | 2-12 | 48 | 0-20238 | 2-8 | 480 | -20237 | 78-1 | 48 | 0-202482 | -11 | 480 | 0-20254 | 10-4 |
| Volatile Organic Compounds by Metho | od 8260 (µg/L) | | | | | | | | | | | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | С | < | 1.0 | U | < | 1.0 | C | | 800 | | ٧ | 4.0 | U |
| 1,1-Dichloroethane* | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 580 | | < | 4.0 | U |
| 2-Butanone (MIBK) | 50 | < | 10 | U | < | 10 | U | < | 10 | U | < | 10 | U | < | 10 | U | < | 2,000 | U | < | 40 | U |
| 2-Hexanone | 50 | < | 5.0 | U | < | 5.0 | U | < | 5.0 | U | < | 5.0 | U | < | 5.0 | U | < | 1,000 | U | < | 20 | U |
| Acetone | 50 | | 28 | | < | 10 | U | < | 10 | U | < | 10 | U | | 5.1 | J | ٧ | 2,000 | U | < | 40 | U |
| Chloroethane | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 11,000 | | < | 4.0 | U |
| cis-1,2-Dichloroethene* | 5 | < | 1.0 | U | | 0.81 | J | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 200 | U | < | 4.0 | U |
| Ethylbenzene | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 200 | U | < | 4.0 | U |
| Toluene | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 900 | | < | 4.0 | U |
| Vinyl chloride* | 2 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 420 | | < | 4.0 | U |
| Xylenes, Total | 5 | < | 2.0 | U | < | 2.0 | U | < | 2.0 | U | < | 2.0 | U | < | 2.0 | U | < | 400 | U | < | 8.0 | U |
| Total Volatile Organic Compounds | NL | | 28.0 | | | 10.0 | | | 0 | | | 0 | | | 5.1 | | | 13,700 | | | 0 | |
| Total Organic Carbon | NL | | 4.9 | | | 3.0 | | | 3.7 | | | NS | | | 10.4 | | | 264 | , | | 5.0 | |

Table 4

Summary of Monitoring Well Analytical Data - October 2022 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| Sample ID | Groundwater | 1 | лW-44 | S | ı | MW-35E |) | | MW-361 |) | | MW-37D | | I | MW-381 | D | | MW-391 | D | | MW-40I | D |
|---------------------------------------|----------------|-----|---------|-----|-----|----------|-----|----|---------|------|----|----------|-----|-----|---------|------|----|---------|------|-----|---------|------|
| Date Collected | RAO/TOGS 1.1.1 | | 10/10/2 | 2 | | 10/07/22 | 2 | | 10/05/2 | 2 | | 10/06/22 | | | 10/06/2 | 2 | | 10/06/2 | 2 | | 10/07/2 | 2 |
| Lab Sample ID | Objective | 480 |)-20254 | 0-5 | 480 | 0-20248 | 2-9 | 48 | 0-20237 | 78-2 | 48 | 0-202443 | 3-4 | 480 | 0-20244 | 13-1 | 48 | 0-20244 | 13-5 | 480 | 0-20248 | 32-9 |
| Volatile Organic Compounds by Metho | od 8260 (µg/L) | | | | | | | | | | | | | | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | ٧ | 8.0 | U | < | 8.0 | U |
| 1,1-Dichloroethane* | 5 | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| 2-Butanone (MIBK) | 50 | < | 10 | U | < | 10 | U | < | 40 | U | < | 10 | U | < | 40 | U | | 15 | J | < | 80 | U |
| 2-Hexanone | 50 | < | 5.0 | U | < | 5.0 | U | < | 20 | U | < | 5.0 | U | < | 20 | U | | 110 | | < | 40 | U |
| Acetone | 50 | < | 10 | U | < | 10 | U | < | 40 | U | < | 10 | U | < | 40 | U | | 54 | J | ٧ | 80 | U |
| Chloroethane | 5 | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | | 370 | |
| cis-1,2-Dichloroethene* | 5 | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| Ethylbenzene | 5 | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| Toluene | 5 | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| Vinyl chloride* | 2 | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| Xylenes, Total | 5 | < | 2.0 | U | < | 2.0 | U | < | 8.0 | U | < | 2.0 | U | < | 8.0 | U | < | 16 | U | < | 16 | U |
| Total Volatile Organic Compounds | NL | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 179 | | | 370 | |
| Total Organic Carbon | NL | | 1.2 | | | 10.4 | | | 10.5 | | | 1.8 | | | 11.2 | | | 53.9 | | | 21.7 | |

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. Concentrations within this range are estimated.
- U Not detected at or above reporting limit.
- F1- MS and/or MSD recovery exceeds control limits.
- NL Not listed
- NS Not sampled

Duplicate collected at MW-35S

Table 5 Summary of Monitoring Well Analytical Data - April 2023 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| Sample ID | Groundwater | ŀ | A1-GP02- | S | / | A1-GP06- | S | Α | 1-GP09 | -S | ŀ | A1-GP10- | S | A. | 1-GP14 | -S | A | 1-GP15 | -S | A | 1-GP16 | -S |
|---------------------------------------|----------------|----|----------|-----|----|----------|-----|-----|---------|------|----|-----------|-----|-----|---------|------|-----|---------|-----|-----|---------|------|
| Date Collected | RAO/TOGS 1.1.1 | | 04/06/23 | | | 04/07/23 | | (| 04/12/2 | 3 | | 04/11/23 | | (|)4/11/2 | 3 | (| 04/11/2 | 3 | (| 04/06/2 | 3 |
| Lab Sample ID | Objective | 48 | 0-207637 | -15 | 48 | 0-207637 | -11 | 480 | 0-20780 |)5-1 | 48 | 30-207715 | 5-2 | 480 |)-20771 | 15-5 | 480 |)-20771 | 5-4 | 480 | -20763 | 7-16 |
| Volatile Organic Compounds by Metho | d 8260 (µg/L) | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane* | 5 | < | 100 | С | | 51 | | ٧ | 2.0 | U | < | 400 | U | < | 1.0 | U | < | 1.0 | U | < | 4.0 | U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | < | 100 | U | | 330 | | < | 2.0 | U | < | 400 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| 1,1-Dichloroethane* | 5 | < | 100 | U | | 130 | | < | 5.0 | U | | 460 | | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| 2-Butanone (MIBK) | 50 | < | 1,000 | U | < | 250 | U | < | 20 | U | < | 4,000 | U | | 20 | *+ | < | 10 | U | < | 40 | U |
| Acetone | 50 | < | 1,000 | U | < | 250 | U | < | 20 | U | < | 4,000 | U | | 15 | *+ | < | 10 | U | < | 40 | U |
| Chloroethane | 5 | < | 100 | U | | 670 | | < | 2.0 | U | | 9,000 | | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| cis-1,2-Dichloroethene* | 5 | | 4,600 | F1 | < | 25 | U | < | 2.0 | U | < | 400 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| Toluene | 5 | < | 100 | U | < | 25 | U | < | 2.0 | U | < | 400 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| Vinyl chloride* | 2 | | 2,400 | F1 | < | 25 | U | < | 2.0 | U | < | 400 | U | < | 2.0 | U | < | 1.0 | U | < | 4.0 | U |
| Total Volatile Organic Compounds | NL | | 7,000 | | | 1,181 | | | 0.0 | | | 9,460 | | | 35 | | | 0.0 | | | 0.0 | |
| Total Organic Carbon (mg/L) | NL | | 7.0 | | | 48.4 | | | 16.8 | | | 70.0 | | | 3.0 | | | 2.7 | | | 23.2 | |

Table 5 Summary of Monitoring Well Analytical Data - April 2023 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| Sample ID | Groundwater | A | 1-GP18 | -S | | MW-30 | | | MW-359 | 3 | | MW-369 | 3 | | MW-42S | | N | лW-439 | 3 | 1 | лW-44 | S |
|---------------------------------------|----------------|-----|---------------------|------|-----|----------|-----|-----|----------|------|-----|----------|-----|----|----------|-----|-----|----------|-----|-----|---------|-----|
| Date Collected | RAO/TOGS 1.1.1 | (| 04/07/2 | 3 | (| 04/12/23 | 3 | (| 04/06/23 | 3 | (| 04/12/23 | 3 | | 04/11/23 | | (|)4/12/23 | 3 | (|)4/11/2 | 3 |
| Lab Sample ID | Objective | 480 | -20763 ⁻ | 7-12 | 480 | 0-20780 | 5-4 | 480 | -20763 | 7-13 | 480 | 0-20780 | 5-6 | 48 | 0-207715 | 5-3 | 480 | -20780 | 5-5 | 480 |)-20771 | 5-7 |
| Volatile Organic Compounds by Metho | d 8260 (µg/L) | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 200 | U | < | 2.0 | U | < | 1.0 | U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | ٧ | 200 | U | < | 2.0 | U | < | 1.0 | U |
| 1,1-Dichloroethane* | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 740 | | < | 2.0 | U | < | 1.0 | U |
| 2-Butanone (MIBK) | 50 | < | 10 | U | < | 10 | U | < | 10 | U | < | 10 | U | < | 2,000 | U | < | 20 | U | < | 10 | U |
| Acetone | 50 | < | 10 | U | < | 10 | U | < | 10 | U | < | 10 | U | < | 2,000 | U | < | 20 | U | < | 10 | U |
| Chloroethane | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 6,600 | | < | 2.0 | U | < | 1.0 | U |
| cis-1,2-Dichloroethene* | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 1.5 | | < | 200 | U | < | 2.0 | U | < | 1.0 | U |
| Toluene | 5 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | | 390 | | < | 2.0 | U | < | 1.0 | U |
| Vinyl chloride* | 2 | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 1.0 | U | < | 200 | U | < | 2.0 | U | < | 1.0 | U |
| Total Volatile Organic Compounds | NL | | 0.0 | | | 0.0 | | | 0.0 | | | 1.5 | | | 7,730 | | | 0.0 | | | 0.0 | |
| Total Organic Carbon (mg/L) | NL | | 8.4 | | | 2.7 | | | 5.2 | | | 7.0 | | | 155 | | | 7.4 | | | 1.4 | |

Table 5 Summary of Monitoring Well Analytical Data - April 2023 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| Sample ID | Groundwater | ı | MW-35I |) | | MW-36[|) | ı | MW-37[|) | ١ | /W-38E |) | 1 | MW-39[|) | N | MW-40[|) |
|---------------------------------------|----------------|-----|---------|------|----|---------|-----|-----|----------|-----|------|---------|------|-----|----------|------|-----|----------|-----|
| Date Collected | RAO/TOGS 1.1.1 | (| 04/07/2 | 3 | | 04/12/2 | 3 | (| 04/12/23 | 3 | C | 4/07/23 | 3 | (| 04/06/23 | 3 | (| 04/11/23 | 3 |
| Lab Sample ID | Objective | 480 | 0-20763 | 37-9 | 48 | 0-20780 | 5-7 | 480 | 0-20780 | 5-2 | 480- | -20763 | 7-10 | 480 | -20763 | 7-14 | 480 |)-20771 | 5-1 |
| Volatile Organic Compounds by Metho | d 8260 (µg/L) | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 5 | ٧ | 1.0 | U | ٧ | 4.0 | С | ٧ | 1.0 | U | ٧ | 1.0 | С | < | 8.0 | C | | 74 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| 1,1-Dichloroethane* | 5 | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | | 250 | |
| 2-Butanone (MIBK) | 50 | < | 10 | U | < | 40 | U | < | 10 | U | | 11 | *+ | < | 80 | U | < | 80 | C |
| Acetone | 50 | < | 10 | U | < | 40 | U | < | 10 | U | | 7.2 | J | < | 80 | U | < | 80 | U |
| Chloroethane | 5 | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | | 480 | |
| cis-1,2-Dichloroethene* | 5 | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| Toluene | 5 | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| Vinyl chloride* | 2 | < | 1.0 | U | < | 4.0 | U | < | 1.0 | U | < | 4.0 | U | < | 8.0 | U | < | 8.0 | U |
| Total Volatile Organic Compounds | NL | | 0.0 | | | 0.0 | | | 0.0 | | | 18 | | | 0.0 | | | 804 | |
| Total Organic Carbon (mg/L) | NL | | 7.4 | | | 9.4 | | | 2.8 | | | 10.8 | | | 22.1 | | | 21.7 | |

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. Concentrations within this range are estimated.
- U Not detected at or above reporting limit.
- F1- MS and/or MSD recovery exceeds control limits.
- *+ LCS and/or LCSD is outside acceptance limits, high biased.
- NL Not listed
- NS Not sampled

Duplicate collected at MW-35D



Table 6 Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2023

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-2 | CB-2 | CB-2 | CB-2 | CB-2 | CB-2 | CB-2 | CB-2 |
|---------------------------------------|----------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| Date Collected | RAO/NYCRR | 07/23/20 | 10/05/20 | 04/01/21 | 10/22/21 | 04/12/22 | 10/07/22 | 04/06/23 | 04/09/20 | 07/23/20 | 10/05/20 | 04/01/20 | 10/22/21 | 04/12/22 | 10/07/22 | 04/06/23 |
| Lab Sample ID | | 480-172828-1 | 480-176049-1 | 480-182787-13 | 480-191327-1 | 480-196702-1 | 480-202482-1 | 480-207637-1 | 480-16849-2 | 480-172828-2 | 480-176049-2 | 480-182787-14 | 480-191327-2 | 480-196702-2 | 480-202482-2 | 480-207637-2 |
| Volatile Organic Compounds by Metho | od 8260 (µg/L) | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane* | 5 | ND | ND | 2.5 | ND | 2.2 | ND | 1.4 | 35 | ND | ND | 3.2 | ND | 1.2 | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | 4.4 | 7.1 | 27 | 3.7 | 29 | 1.8 | 22 | 19 | ND | 1.6 | 7.7 | ND | 8.4 | ND | 2.0 |
| 1,1-Dichloroethane* | 5 | 0.94 J | 1.3 | 5.4 | ND | 5.4 | 0.54 J | 2.2 | 13 | 1 J | 6.7 | 9.1 | ND | 5.8 | 2.1 | 1.9 |
| 1,1-Dichloroethene* | 5 | ND | ND | 0.64 J | ND | ND | ND | ND | 3.9 | ND | ND | 0.70 J | ND | ND | ND | ND |
| Acetone | 50 | ND | 3.3 J | ND | ND | ND | ND | ND | ND | ND | 6.0 J | ND | ND | ND | ND | ND |
| Carbon Disulfide | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 5 | ND | 1.6 | 2.5 | ND | 3.8 | ND | ND | 6.3 | 2.3 | 18 | 6.2 | ND | 5.2 | 4.7 | ND |
| Chloromethane | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene* | 5 | 4.2 | 1.2 | 24 | 1.7 J | 19 | 0.93 J | 5.9 | 90 | ND | 13 | 48 | 1.9 J | 30 | 9.9 | 8.6 |
| Ethylbenzene | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylcyclohexane | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.30 J | ND | ND | ND | ND |
| Methylene chloride | 5 | 0.89 J | ND | ND | ND | ND | ND | ND | ND | 1.6 J | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 5 | ND | ND | 0.59 J | ND | ND | ND | ND | 3.8 | ND | ND | 2.0 | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5 | ND | ND | 1.0 | ND | 1.3 | ND | ND | ND | ND | 1.2 | 2.4 | ND | 1.9 | ND | ND |
| Trichloroethene* | 5 | 2.1 | 0.50 J | 9.9 | ND | 9.3 | 0.52 J | 2.5 | 7.6 | ND | 3.8 | 20 | ND | 15 | 4.9 | ND |
| Vinyl chloride* | 2 | ND | ND | 3.1 | ND | 3.1 | ND | ND | 12 | ND | 4.4 | 8.3 | ND | 4.2 | 1.6 | ND |
| Xylenes, Total | 5 | ND | ND | 2.0 | ND | ND | ND | ND | 6.6 | 9.3 | ND | 6.0 | ND | 1.0 J | ND | ND |
| TVOC | NL | 13 | 15 | 79 | 5.4 | 73 | 3.8 | 34 | 197 | 14 | 55 | 114 | 1.9 | 73 | 23.2 | 12.5 |

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Table 6 Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2023 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-E | CB-E | CB-E | CB-E | CB-E | CB-E | CB-E | CB-E |
|---------------------------------------|----------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| 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 | 04/09/20 | 07/23/20 | 10/05/20 | 04/01/21 | 10/22/21 | 04/12/22 | 10/07/22 | 04/06/23 |
| 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 | 480-16849-4 | 480-172828-5 | 480-176049-5 | 480-182787-16 | 480-191327-5 | 480-196702-5 | 480-202482-5 | 480-207637-5 |
| Volatile Organic Compounds by Metho | od 8260 (µg/L) | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane* | 5 | 2,700 | ND | ND | ND | ND | ND | ND | ND | 11 | ND | ND | 1.4 | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | 710 | ND | 0.60 J | 1.8 | ND | 1.5 | ND | ND | 15 | 0.49 J | ND | 3.7 | ND | 2.3 | ND | 1.6 |
| 1,1-Dichloroethane* | 5 | 750 | 1.8 | 2.6 | 7.4 | 1.4 | 5.4 | 1.0 | 3.8 | 11 | 3.3 | 2.5 | 17 | 2.4 | 9.1 | 1.6 | 6.5 |
| 1,1-Dichloroethene* | 5 | 240 | ND | ND | 0.58 J | ND | ND | ND | ND | 4.1 | ND | ND | 1.5 | ND | 0.50 J | ND | ND |
| Acetone | 50 | ND | 9.0 J | 6.1 J | ND | ND | ND | 4.5 J | ND | ND | 5.6 J | 4.3 J | ND | ND | ND | 3.7 J | ND |
| Carbon Disulfide | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 5 | 250 | 3.6 | 7.8 | 9.4 | 3.3 | 6.0 | 2.7 | 4.3 | 7.0 | 6.2 | 9.8 | 23 | 6.8 | 11 | 3.4 | 8.3 |
| Chloromethane | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene* | 5 | 3,500 | ND | ND | 5.0 | ND | 1.9 | ND | 3.1 | 33 | 0.99 J | ND | 12 | ND | 3.0 | ND | 5.7 |
| Ethylbenzene | 5 | 55 | 1.3 | ND | 3.3 | ND | 0.85 J | ND | ND | 2.6 | 2.6 | 2.1 | 2.1 | 1.5 | 1.9 | ND | 1.5 |
| Methylcyclohexane | 5 | ND | ND | ND | 1.7 | 0.31 J | 0.53 J | ND | ND | 0.54 | 0.45 J | 0.27 J | 3.9 | 0.45 J | 0.79 J | ND | 0.31 J |
| Methylene chloride | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.58 J | ND | ND | ND | ND |
| Toluene | 5 | 260 | 1.7 | ND | 11 | ND | 0.90 J | ND | ND | 5.8 | 3.4 | 1.4 | 37 | ND | 2.0 | ND | ND |
| trans-1,2-Dichloroethene | 5 | 56 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.1 | ND | ND | ND | ND |
| Trichloroethene* | 5 | 28 | ND | ND | ND | ND | 0.71 J | ND | 0.51 J | ND | ND | ND | 0.99 J | ND | 1.1 | ND | 1.0 |
| Vinyl chloride* | 2 | 600 | ND | ND | 2.7 | ND | 1.2 | ND | ND | 6.0 | ND | ND | 8.3 | ND | 2.8 | ND | 2.7 |
| Xylenes, Total | 5 | 270 | 17 | 3.8 | 35 | 2.1 | 6.0 | ND | 1.1 J | 36 | 41 | 30 | 120 | 4.3 | 12 | ND | 2.8 |
| TVOC | NL | 9,419 | 34 | 21 | 78 | 7.1 | 25 | 8.2 | 12.8 | 132 | 64 | 50 | 233 | 15.5 | 45 | 9.6 | 30.4 |

Table 6

Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2023 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 | TP-5 | TP-5 | TP-5 | TP-5 | TP-5 | TP-5 | TP-5 | TP-5 |
|---------------------------------------|---------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| 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 | 04/09/20 | 07/23/20 | 10/05/20 | 04/01/21 | 10/22/21 | 04/12/22 | 10/07/22 | 04/06/23 |
| 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 | 480-16849-6 | 480-172828-6 | 480-176049-6 | 480-182787-18 | 480-191327-6 | 480-196702-6 | 480-202482-6 | 480-207637-6 |
| Volatile Organic Compounds by Metho | d 8260 (µg/L) | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane* | 5 | 59 | ND | ND | ND | ND | ND | ND | ND | 25 | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | 59 | ND | 1.9 | ND | ND | ND | ND | ND | 25 | 2.7 | 3.2 | 2.6 | 1.0 | 1.1 | 1.0 | ND |
| 1,1-Dichloroethane* | 5 | 53 | ND | 2.6 | ND | ND | ND | ND | ND | 10 | 1.4 | 1.0 | ND | ND | 0.55 J | ND | ND |
| 1,1-Dichloroethene* | 5 | 28 | ND | ND | ND | ND | ND | ND | ND | 2.9 | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 50 | ND | 3.7 J | ND | 3.7 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon Disulfide | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 5 | 29 | 0.40 J | 2.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 5 | ND | ND | ND | ND | ND | ND | ND | ND | 4.4 | 0.61 J | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene* | 5 | 200 | ND | ND | ND | ND | ND | ND | ND | 58 | 3.4 | 1.7 | 1.9 | ND | ND | ND | ND |
| Ethylbenzene | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylcyclohexane | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene chloride | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5 | ND | ND | ND | ND | ND | ND | ND | ND | 1.4 | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene* | 5 | ND | ND | ND | ND | ND | ND | ND | ND | 2.6 | 0.81 J | 0.88 J | 0.87 J | 0.76 J | 0.48 J | 0.76 J | ND |
| Vinyl chloride* | 2 | 27 | ND | ND | ND | ND | ND | ND | ND | 4.9 | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 5 | ND | ND | 0.79 J | ND | ND | ND | ND | 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 | 134 | 8.9 | 6.8 | 5.4 | 1.8 | 2.1 | 1.8 | 0.0 |

Table 6

Summary of Catch Basin and Temporary Piezometers Analytical Data - April 2020 through April 2023 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 |
|--|-------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| 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 |
| 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 |
| Volatile Organic Compounds by Method 8260 (μg/L) | | | | • | | | | | • |
| 1,1,1-Trichloroethane* | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane* | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene* | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 50 | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon Disulfide | 5 | ND | ND | ND | ND | ND | ND | 0.39 J | ND |
| Chloroethane | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene* | 5 | 1.3 | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylcyclohexane | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene chloride | 5 | 0.50 | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene* | 5 | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride* | 2 | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 5 | 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 |

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.

ND - Not detected at or above reporting limit.

NL - Not listed.

^{*} Site-specific Contaminants of Concern.

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

Table 7 Bioattenuation Screening Summary - April 2023 Former Scott Aviation Facility NYSDEC Site Code No. C915233 Lancaster, New York

| | | | | | | | | | Mo | nitoring We | II Identificat | ion | | | | | |
|------------------------|-------|-----------------|----------------|---|-------|----------------------------|-------|-------------------------|-------|----------------------------|----------------|-------------------------|-------|--------------------------|-------|---------------------------|-------|
| Parameter Un | Units | Criteria | Caara | A1-GP18-S (side-gradient/ background) | | A1-GP10-S (source area) | | MW-42S (source area) | | A1-GP06-S (source area) | | MW-40D (source area) | | MW-38D (downgradient) | | MW-35D (far downgradient) | |
| | | | Score Value | | | | | | | | | | | | | | |
| | | | | 4/7/23 | Score | 4/11/23 | Score | 4/11/23 | Score | 4/7/23 | Score | 4/11/23 | Score | 4/7/23 | Score | 4/7/23 | Score |
| Dissolved | mg/L | < 0.5 mg/L | 3 | 0.19 | 3 | 0.45 | 3 | 0.20 | 3 | 0.24 | 3 | 0.31 | 3 | 0.15 | 3 | 4.54 | 0 |
| Oxygen | | > 5 mg/L | -3 | | | | | | | | | | | | | | |
| Nitrate | mg/L | < 1 mg/L | 2 | <0.050 | 2 | 0.025 | 2 | < 0.050 | 2 | <0.050 | 2 | <0.050 | 2 | <0.050 | 2 | 0.068 | 2 |
| Ferrous Iron | mg/L | > 1 mg/L | 3 | <0.10 | 0 | <0.10 | 0 | <0.10 | 0 | <0.10 | 0 | <0.10 | 0 | <0.10 | 0 | <0.10 | 0 |
| Sulfate | mg/L | < 20 mg/L | 2 | 5.0 | 0 | 1.6 | 2 | 1.8 | 2 | 1.4 | 2 | <10 | 2 | 5.2 | 2 | 2.2 | 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 | <1.0 | 0 |
| Methane μg/L | μg/L | < 500 μg/L | 0 | | | | | | | | | | | | | | |
| | | > 500 µg/L | 3 | 3,300 | 3 | 10,000 | 3 | 9,900 | 3 | 20,000 | 3 | 21,000 | 3 | 28,000 | 3 | 550 | 3 |
| Ethene | μg/L | > 10 µg/L | 2 | <170 | 0 | <170 | 0 | 2,800 | 2 | <170 | 0 | <170 | 0 | <170 | 0 | <7.0 | 0 |
| Ethane | μg/L | > 100 µg/L | 3 | <150 | 0 | <150 | 0 | 720 | 3 | <150 | 0 | <150 | 0 | <150 | 0 | <7.5 | 0 |
| ORP mV | mV | < 50 mV | 1 | -32.6 | 1 | -9.6 | 1 | -65.1 | 1 | -13.7 | 1 | -85.9 | 1 | 9.0 | 1 | 164.3 | 0 |
| | | < -100 mV | 2 | | | | | | | | | | | | | | |
| рН | s.u. | 5 < pH < 9 | 0 | 6.95 | 0 | 7.11 | 0 | 6.77 | 0 | 6.91 | 0 | 7.57 | 0 | 7.17 | 0 | 6.84 | 0 |
| | | 5 > pH > 9 | -2 | | | | | | | | | | | | | | |
| Temperature | °C | > 20°C | 1 | 8.50 | 0 | 9.30 | 0 | 10.10 | 0 | 7.20 | 0 | 10.80 | 0 | 8.90 | 0 | 9.80 | 0 |
| TOC | mg/L | > 20 mg/L | 2 | 8.4 | 0 | 70.0 | 2 | 155 | 2 | 48.4 | 2 | 21.7 | 2 | 10.8 | 0 | 7.4 | 0 |
| Alkalinity | mg/L | > 2x background | 1 | 297 | 0 | 487 | 0 | 560 | 0 | 445 | 0 | 248 | 0 | 344 | 0 | 236 | 0 |
| PCE ¹ | μg/L | | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 |
| TCE ² | μg/L | | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 |
| DCE ³ | μg/L | | 2 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 |
| VC⁴ | μg/L | | 2 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 | ND | 0 |
| 1,1,1-TCA ⁵ | μg/L | | 0 | ND | 0 | ND | 0 | ND | 0 | 51 | 0 | 74 | 0 | ND | 0 | ND | 0 |
| 1,1-DCA ⁶ | μg/L | | 2 | ND | 0 | 460 | 2 | 740 | 2 | 130 | 2 | 250 | 2 | ND | 0 | ND | 0 |
| CA ⁷ | μg/L | | 2 | ND | 0 | 9,000 | 2 | 6,600 | 2 | 670 | 2 | 480 | 2 | ND | 0 | ND | 0 |
| | | | | | 9 | | 17 | | 22 | | 17 | | 17 | | 11 | | 7 |

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

* MNA parameters **not** collected so <u>cannot</u> adequately evaluate and score

6 to 14 points 15 to 20 points

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

6 to 14 points: There is <u>limited</u> evidence for anaerobic biodegradation of chlorinated organics.

15 to 20 points: There is <u>adequate</u> evidence for anaerobic biodegradation of chlorinated organics. >20 points: There is <u>strong</u> evidence for anaerobic biodegradation of chlorinated organics.

Monitoring wells outside the contaminant plume.

1 = Material Released

² = Daughter product of PCE

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

⁴ = Daughter product of DCE

5 = Material Released

⁶ = Daughter product of 1,1,1-TCA under reducing conditions

⁷ = Daughter product of 1,1-DCA or VC under reducing conditions

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Table 8 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 | Sample Date | Sample Dilution | Lactate | Acetate | Propionate | Formate | Butyrate | Pyruvate | |
|------------------|-------------|--------------------|---------|---------|------------|---------|----------|----------|--|
| | | Factor | 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 | 1253 | 12 | <4.4 | 71 | 34 | |
| MW-42S | 4/12/2023 | 1,000 | <12 | 816 | <0.10 | <25 | 50 | 16 | |
| 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 | |

Notes:

VFA - Volatile Fatty Acids mg/L - milligrams per liter Biougmentation injection 9/2021

NS - Not Sampled

Table 9

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

| S | Savela Bala | Deha | lococcoides (Dhc) | Del | nalobacter (Dhb) | _ | eductase vcrA) | BAV1 VC Red (bvcA | | _ | ductase <i>eA</i>) |
|-----------|-------------|-----------|---|--------------|---------------------|-----------|---------------------|----------------------|---------------------|--------------|------------------------|
| Sample ID | Sample Date | Percent | Enumeration/Liter | Percent | Gene Copies/Liter | Percent | Gene | Percent | Gene | Percent | Gene |
| | | Dhc | , | Dhb | | vcrA | Copies/Liter | bvcA | Copies/Liter | tceA | Copies/Liter |
| MW-42S | 8/26/2021 | 5 - 13 % | 2 x 10 ⁸ | 0.2 - 0.5 % | 6 x 10 ⁶ | 8 - 21 % | 3 x 10 ⁸ | 0.007 - 0.02 % | 2 x 10 ⁵ | 0.6 - 2 % | 2 x 10 ⁷ |
| MW-42S | 12/9/2021 | 2 - 5 % | 2 x 10 ⁸ | 0.1 - 0.3 % | 1 x 10 ⁷ | 2 - 6 % | 2 x 10 ⁸ | 0.001 - 0.004 % | 1 x 10 ⁵ | 0.08 - 0.2 % | 8 x 10 ⁶ |
| MW-42S | 4/8/2022 | 5 - 14 % | 2 x 10 ⁸ | 0.1 - 0.4 % | 5 x 10 ⁶ | 5 - 15 % | 2 x 10 ⁸ | 0.01 - 0.03 % | 4 x 10 ⁵ | 0.3 - 0.8 % | 1 x 10 ⁷ |
| MW-42S | 10/2/2022 | 4 - 11 % | 1 x 10 ⁸ | 0.1 - 0.3 % | 3 x 10 ⁶ | 2 - 6 % | 2 x 10 ⁷ | 0.0006 - 0.002 % | 4 x 10 ⁴ | 0.2 - 0.7 % | 1 x 10 ⁶ |
| MW-42S | 4/12/2023 | 0.7 - 2 % | 1 x 10 ⁷ | 0.03 - 0.1 % | 6 x 10 ⁵ | 0.7 - 2 % | 1 x 10 ⁷ | 0.002 - 0.005 % | 3 x 10 ⁴ | 0.1 - 0.3 % | 2 x 10 ⁶ |

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

| | | | | | | Well | | Field Parar | neters | | | | | | | v | /OCs | | | | | | Disso | ved Gasse | es es | | | Wet | t Chemistr | у | | | QI | Potential (| DNA) |
|---------|--------------------|-----|------------|---------------------------|------|------------------------------------|----------------|--|------------------|--|------------------|---|--|------------------|--------------------------------------|-------------------------------|--|---|---|-------------------------------------|-------------------------------------|--------------------------------|----------------|---------------|----------------------|-------------------------------------|--------------------|-------------------------|--------------------------------------|---------------------|--|--|--|-------------|------------------------------|
| Well ID | Event Descripti | | Date | Elapsed Time (Days) | | (ft. AMSL) Top of Casing Elevation | 2 | (su) pH (mg/L) Dissolved Oxygen (mg/L) Oxidation Reduction Potential | (NTUs) Turbidity | (°C) i emperature (mg/L) Carbon, Total Organic | | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene 1,2-Dichloroethane | 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone Benzene | Carbon Disulfide Chloroethane | (ug/L) Chloroform Chloromethane | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Carbon Dioxide | (ug/L) Ethene | Nitrate Managemen | Manganese Ferric Iron Sulfate | Sulfide Nitrite | Phosphorous Ammonia COD | (mg/L) Total Alkalinity Farrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid n-Butyric Acid | Propionic Acid Chloride Pyruvic Acid | Dechlorinat Bacteria (1) dds sepiocococococococococococococococococococ | | BAVI VC R-Dase (1) VC R-Dase |
| | Monitoring event | BL1 | 6/1/2011 | -1434 | | NA 689.5 | ₹ Z | | | SN | 420 400 J | 1.6 | 4 Q | 99 | 5 2 S | 2.8 | 2 2 | 8 D 5 | 222 | OND 0.5 J | 6: 8: | 8.4 | 2 | | | | | | | | | | | | |
| | Monitoring event | BL2 | 6/16/2011 | -1419 | 6.34 | NA 689.5 | ΑĀ | | | SN | | 0.87 J 18 | 4 Q | 2 2 | 390 J | 0.6 J | 2 2 | P 0 5 | 2 2 2 | | | 81 4.1 | 2 | | | | | | | | | | | | |
| | Monitoring event | BL3 | 10/7/2011 | -1306 | | NA 689.5 | ¥ Z | | | SN | 170 | 1.4 | S □ | 99 | 2 2 2 | 22 | | N 25 | 2 2 2 | UD 0.73 J | 99 | | | | | | | | | | | | | | |
| | Monitoring event | P1 | 6/12/2015 | 38 | | NA 689.5 | ≨ | NA (Grab S | ample) | SZ | 27 | 2 P | 3.7 ND | 98 : | 5 8 S | ND ND | ON O | 4 Q 2 | 0 14:0 N D | 22 | 3.2 ND | 1.5 | ŧ. | | | | | | | | | | | | |
| | Monitoring event | P2 | 1/6/2016 | 246 | | NA 689.5 | A A | | | SN | 140 | 0.29 J 42 | 8.2).28 J | 22 | 2 2 QN | 37 | 2 Q | 01 D | 0.75 0.18 J (| 22 | 6.2 | 13 13 | 2 | | | | | | | | | | | | |
| | Monitoring event | P3 | 4/8/2016 | 339 | 6.34 | | 681.9 | | | SZ | 10 | Q 4.4 | 3.2 J ND (| 9 9 | 임위임 | | | 위망 | | | 22 | 2.9 J | 2 | | | | | | | | | | | | |
| | Monitoring event | P4 | 7/11/2016 | 433 | 6.34 | 6.31 | 683.2 681.9 NA | | | SN | | Q 09 | 9 9 | | | - | | | | | | 2 2 2 | | | | | | | | | | | | | |
| | Monitoring event | P5 | 10/13/2016 | 527 | 6.34 | | | 7.62 | 5.98 | SS 15 | 3.5 | 3.2 3.2 | 0.81 J | 99 | 2 2 2 | 2.6 2.6 | | 2 ⁴ D | 2 2 2 | 99 | 99 | O.92 | 2 | | | | | | | | | | | | |
| 07.4 | Monitoring event | P6 | 1/20/2017 | 626 | 6.34 | NA 689.5 | A A | NA (Grab S | | SN | 21 | | 5.0 ND | | 2 2 2 | ND 5.6 | 2 2 | 8 8 | 222 | 22 | 1.4 ND | 3.2 | 0.4 | | | | | | | | _ | | | | |
| CB-1 | Monitoring event | P7 | 4/7/2017 | 703 | 6.34 | | 683.3 | 7.71 NA 25.9 | 17.9 | A N | £ 6 | D 1.3 | 8. D | 99 | 2 2 2 | ₽.5 P.5 | 99 | 8 2 9 | 2 2 2 | 99 | | 1.8 | 9 | | | | | Not Sam | ipled Fo | r These | Parame | eters | | | |
| | Monitoring event | P8 | 7/10/2017 | 797 | | 6.3 6.19 690.5 689.5 | | 0.63 | 4.95 | 17.8 NS | ND 4.3 | 3.8 | 99 | 99 | S 8 8 | D.76 | 2 2 | 0.8 | | 22 | 99 | 222 | | | | | | | | | | | | | |
| | Monitoring event | P9 | 10/18/2017 | 897 | 6.34 | 6.25 | | 5.79 | 12.9 | 16.9 NS | 23 | 0.31 | 3.0 ND | 99 | 2 2 2 | ND 12:0 | 99 | 0.6 E | 222 | 99 | 0.42 | 0.67 | ₽ | | | | | | | | | | | | |
| | Monitoring event | P10 | 1/2/2018 | 973 | 6.34 | NA 689.5 | A A | NS (Grab S | | SN | 83 | S3 PD | 8.8 DD | 99 | 2 2 2 | 2 2 | 99 | 28 B | 999 | 22 | 2 2 | 6 8 5 | 2 | | | | | | | | | | | | |
| | Monitoring event | P11 | 4/9/2018 | 1070 | 6.34 | 6.28 | - | 14.8 | NA | 3.85 NS | | | B 33 | 99 | 222 | 5 = | 99 | 280 | 999 | 22 | 11 | 11 17 | 9 | | | | | | | | | | | | |
| | Monitoring event | P12 | 7/11/2018 | 1163 | 6.34 | 6.32 | 683.2 | 1.72 | 11.1 | 18.7 NS | 58 2.3 82 8.5 | ND 6.2 | 0.44 J | 2 2 | N 2 N | 2 2 | N 0.84 J N ON O | 3.6 ND | 2 2 2 | 22 | 2 Q | 1.1 | 2 | | | | | | | | | | | | |
| | Monitoring event | P13 | 10/23/2018 | 1267 | 6.34 | 6.32 | | 1.24 67.7 | 9.6 | 13.6 NS | 82 | 0.41 J 41 | 5.1 0.23 J | 2 2 | 2 2 2 | S 4 | 99 | 120 PD 120 | 2 2 2 | 2 2 | 0.75 J | 9.7 | 2 | | | | | | | | | | | | |
| | Monitoring event | P14 | 1/8/2019 | 1344 | 6.34 | NA 689.5 | | 0.63 | 29.0 | 6.3 NS | 9.1 | 2.2 | 99.0 N | z z : | Z 3.6 Z | Z ÷ | | 6 Z 3 | z z z | ZZ | 뒫뒫 | 2.0 | 3 | | | | | | | | | | | | |
| | Monitoring event | P15 | 4/12/2019 | 1071 | 6.34 | NA 689.5 | Ϋ́ | NS (Grab S | | | 110 | 0.47 J 49 | ₽ 2 | 99 | 2 2 2 | ₽ 8 | 99 | 02 <u>9</u> | 222 | 99 | 3.2 | 13 | 5. | | | | | | | | | | | | |

| | | | | | | Well | | Field I | Parameters | | | | | | | | | VOC | 3 | | | | | | | Dissolv | ved Gas | ses | | | | Wet | Chemis | try | | | | | 2 Potent | ial (DNA |) |
|---------|-------------------|-----|------------|---------------------------|-------------------|---|----------------------|---------------------------------|---|------------------|----------------|---|--------------------|--------------------|------------------|---------------------------------|-----------------------------|-------------------|--------------------------------------|---|---|----------------|---------|---|----------------------------------|-----------------------|---------------|---------|------------------------|--------------------|------------------------|----------------|-------------------------|----------------------|----------------------------|-------------------------------|----------------------------|-------------------|----------|----------------|-----------------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | feet) Total Depth | (ft. ATOC) Water Level Measurement (ft. AMSL) Top of Casing Elevation | AMSL) Head Elevation | (SU) pH (mg/L) Dissolved Oxygen | (ms/cm) Specific Conductance (NTUs) Turbidity | (°C) Temperature | 1,1,1-Trichlor | 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | (ug/L) Chloroform | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate | Toluene | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide Ethane | (ug/L) Ethene | Methane | Manganese Farricina | Suffide Suffide | Nitrite Phosphorous | Ammonia COD | (mg/L) Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride | Dechloring Bacter | ia | TCE R-Dase (1) | Genes VC R-Dase |
| | Monitoring event | P16 | 7/22/2019 | 1539 | L | NA 689.5 | | NS (Gra | ab Sample | T | | 2 2 | 2 2 | 2 2 | 22! | 22 | | 2 2 | 22 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | | 9 9 | | | | | | | | | | | | | | | | |
| | Monitoring event | P17 | 10/14/2019 | 1623 | 6.34 | NS 89.5 | | NS (Gra | ab Sample |) 9 | N2 45 | 39 ND | 29 CN | 2 2 | 2 2 | 2 2 : | 2 2 | 4 Q | ₽ 8 | 2 2 | 2 2 | 2 2 | 2 2 2 | 0.4 J | Q Q | | | | | | | | | | | | | | | | |
| | Monitoring event | P18 | 1/9/2020 | 1710 | 6.34 | NA 889.5 | A A | 7.26 | 0.726 | 2.8 | 88 88 | 140 ND | 39 | 2 | 2 2 ! | 22 | 2 2 | 9 Q | ND 200 | 99 | 2 2 | 2 2 | 7.5 J | 13.0 | 29 ND | | | | | | | | | | | | | | | | |
| | Monitoring event | P19 | 4/9/2020 | 1072 | 6.34 | 6.08 | 683.4 | NA (Gra | ab Sample | | | | | | | 22 | | | | | 2 2 | \perp | 3.4 | 5.3 | 12 | | | | | | | | | | | | | | | | |
| | Monitoring event | P20 | 7/23/2020 | 1906 | 6.34 | NA 689.5 | ¥ Y | NS (Gra | ab Sample |) ! | 2 2 | 4.4 QN | 0.94J | 2 2 | 2 2 ! | 99 | 2 2 | 99 | ND 4.2 | 99 | ON 189 | 2 | 2 2 2 | 2.1 | 9 9 | | | | | | | | | | | | | | | | |
| CB-1 | Monitoring event | P21 | 10/5/2020 | 1980 | 6.34 | NA 689.5 | | NS (Gra | ab Sample | | | | | | | 3.3J | 2 2 | 1.6 D | 1.2 N | 2 2 | 2 2 | 2 2 | 2 2 2 | 0.50J | 2 2 | | | | | | No | ot Sam | pled F | or The | se Pa | ramet | ers | | | | |
| | Monitoring event | P22 | 4/1/2021 | 2158 | 6.34 | 6.24 | _ | NS (Gr | ab Sample |) ! | 2.5 | 27 ND | 5.4 | 2 | 2 2 | 22 | 2 2 | 2.5 ND | ND 24 | 2 2 | 2 2 2 | 2 2 | 0.59J | 9.9 | 3.1 | | | | | | | | | | | | | | | | |
| | Monitoring event | P23 | 10/22/2021 | 2362 | 6.34 | NA 889.5 | - | NS (Gr | ab Sample |) 9 | 2 2 | 3.7 D | 2 2 | 9 9 | 2 2 ! | 99 | 2 2 | 99 | ₽ 7.1 | 99 | 999 | 9 9 | 2 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event | P24 | 4/12/2022 | 2534 | 6.34 | | | NS (Gr | ab Sample | | | | | | | | | | | | 999 | \perp | \perp | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P25 | 10/7/2022 | 2712 | 6.34 | _ | - | NS (Gr | ab Sample |) : | 2 2 | 4.8 0 0 0 | 0.54 J | 2 2 | 2 2 | 99 | 2 2 | 99 | 0.93 J | 2 2 | 2 2 | 2 2 | 222 | 0.52 J | 2 Q | | | | | | | | | | | | | | | | |
| | Monitoring event | P26 | 4/6/2023 | 2893 | 6.34 | 6.24 | ¥ | NS (Gra | ab Sample |) | 4.1 4.1 | 2 2 | 2.2 UN | 2 | 2 2 | 2 2 | 9 9 | 2 2 | ND 5.9 | 9 9 | 2 2 | 2 2 | 2 2 2 | 2.5 | 2 Q | | | | | | | | | | | | | | | | |

| Well ID | Event Descripti | | Date | Elapsed Time (Days) | Total Depth Water Level Measurement | ISL) Top of Casing Elevation | PH Dissolved Oxygen Oxygen Potential Oxygen Potential Dissolved Oxygen Oxygen Potential Dx | L) Carbon, Total Organic 1,1,1-Trichloroethane 1,1,2-Trichloro-1,22-triftuoroethane | 11.2-77-chloroethane 11.2-77-chloroethane 11.4-10-10-10-10-10-10-10-10-10-10-10-10-10- | Dehallococooldes spot (1) TCE R-Dase (1) BAVI VC R-Dase (1) CR-Dase (2) CR-Dase (3) CR-Dase (4) |
|---------|------------------------------|-----|------------|---------------------------|-------------------------------------|------------------------------|--|---|---|--|
| | | | | | (feet) | | (SU) (mg/L) (mX/cm) (NTUs) | (E) | (mg/L) | (cells / mL) |
| | Monitoring event | BL1 | 6/1/2011 | -1434 | 7.0 A | 9 | | 83 83 60 J | | |
| | Monitoring event | P1 | 7/28/2015 | 84 | 7.0 | 690.5 | 7.07 3.62 -66.7 1.153 9.43 19.5 | NS 2.5 23 | 2 S D D D D D D D D D D D D D D D D D D | |
| | Monitoring event | P2 | 1/6/2016 | 246 | 0.7 Ā | _ | | 8 8 8 | | |
| | Monitoring event | P3 | 4/8/2016 | 339 | 7.64 | 690.5 690.5 | NA (Grab Sample) | 8 8 8 | | |
| | Monitoring event | P4 | 7/11/2016 | 433 | 7.7 | 5 690.5 | | | 0 0 <th></th> | |
| | Monitoring event | P5 | 10/13/2016 | 527 | 7.0 | | 7.48 5.94 116 0.549 11.4 | | | |
| | Monitoring event | P6 | 1/20/2017 | 626 | 0.7 A | | | 0 | | |
| | Monitoring event Monitoring | P7 | 4/7/2017 | 703 | 7.0 | | | | | |
| | event Monitoring | P8 | 7/10/2017 | 797 | 0.7 7.8 | | 3.92 4.06 221 26.5 0.740 0.670 122 40.3 17.1 19.1 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
| | event | P9 | 1/2/2018 | 897 973 | 7.0 7.0 NA 7.64 | | | | 2 1 1 2 | |
| TP-05 | Monitoring | P11 | 4/9/2018 | 1070 | 7.0 7 7.76 N | | | 0 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | |
| | Monitoring | P12 | 7/11/2018 | 1163 | 7.0 7 | | | | 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | |
| | Monitoring | P13 | 10/23/2018 | 1267 | 7.0 7 | 10 (0 | 7.56 7 5.57 2 45.9 45.0 0.575 0.0 4.0 4.0 | | 2 2 2 4 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| | Monitoring | P14 | 1/8/2019 | 1344 | 7.0 | | | | D 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| | Monitoring | P15 | 4/12/2019 | 1438 | 7.0 | | | | 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | |
| | event Monitoring event | P16 | 7/22/2019 | 1539 | 0.7 AN | | | SN ON ON | | |
| | | P13 | 10/14/2019 | 1623 | 7.0 | | | | 9 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | |
| | | P14 | 1/8/2020 | 1709 | 7.0 | | | | N N N N N N N N N N N N N N N N N N N | |
| | Manitoring | P15 | 4/9/2020 | 1801 | 7.0 | | | NS 25 25 25 | | |
| | | P16 | 7/23/2020 | 1906 | 0.7 AN | | NA (Grab Sample) | NS DN 2.7 | 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | |

| | | | | Well | Field Parameters | | VOCs | | Dissolved Gasses | Wet Chem | nistry | Q Pote | ential (DNA) |
|---------|------------------------|------------|---------------------------|--|--|---|--|--|---|--|--|----------------------------|---|
| | | | | | | | | | | | | Dechlorinating Bacteria | Functional Genes |
| Well ID | Event / Description | Date | Elapsed Time (Days) | Total Depth Water Level Measurement Top of Casing Elevation Head Elevation | pH Dissolved Oxygen Oxidation Reduction Potential Specific Conductance Turbidity Temporature | Carbon, Total Organic 1,1,1-Trichloroethane 1,1,2-Trichloro-1,22-trifluoroethan | 11,2-7 reinforcettane 11,4 Dictionations 11,4 Dictionations 12,2 bickarons 12,2 bickarons 12,2 bickarons 12,2 bickarons 12,2 bickarons 14,4 Methyl-2-pentanone (MEK) 2-8 duarons (MEK) 14,4 Methyl-2-pentanone (MEK) 15,1 Bickarons 16,1 Bickarons 16, | Coloromentalina cier 1,2 Dehiorosthan Dichlorodifluoromethane Ethylbarcosto Methylene chloride Methylene chloride Methylene chloride Tetrachicosthane Trans-1,2 Dichlorosthane Trichicosthane | Ayerres, roca Carbon Dioxide Ethane Ethene | Nitrate Managenese Ferricino Sufface Sufface Sufface Annonia COD BOD | To a reasonation of the control of t | Dehalococcoides spp (1) | TCE R-Dase (1) BAVI VC R-Dase (1) VC R-Dase |
| | | | | (ft. ATOC) (ft. AMSL) (ft. AMSL) | | (mg/L) | (ngh.) | | (ug/L) | (mg/L) | | | (cells / mL) |
| | Monitoring P17 | 10/5/2020 | 1980 | 7.0 NA NA NA | NA (Grab Sample) | NS NS 2 2 | 9-999999999 | DN C DN | 2 | | | | |
| | Monitoring P18 | 4/1/2021 | 2158 | 7.7 7.74 690.5 | NA (Grab Sample) | N | 999999999999 | 0. 6. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 9 | | | | |
| TP-05 | Monitoring event P19 | 10/22/2021 | 2362 | 7.0 NA 690.5 | NA (Grab Sample) | 8 9 - 8 | 999999999999 | ON O | 2 | Not Sampled | For These Parameters | | |
| | Monitoring event P20 | 4/12/2022 | 2534 | 7.0 7.76 690.5 682.7 | NA (Grab Sample) | N ON 7.4 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.873 ND ND N | 2 | Not Sampled | TO THOSE FURNITURE | | |
| | Monitoring event P21 | 10/7/2022 | 2712 | 7.0 7.76 690.5 NA | NA (Grab Sample) | 1.1 D | 0.55.0 0.00 | M | 2 | | | | |
| | Monitoring event P22 | 4/6/2023 | 2893 | 7.7 7.70 690.5 | NA (Grab Sample) | 8 8 8 8 | | | 2 | | | | |

| | | | | Well | Field Parameters | | VOCs | Dissolved Gasses | Wet Chemistry | Q Potential (DNA) |
|---------|-----------------------|--------------|---------------------------|--|--|--------|---|--------------------------------------|--|---|
| Well ID | Event / Descriptio | | Elapsec Time (Days) | Total Depth Water Level Measu Top of Casing Elev | Head Elevation PH Dissolved Oxygen Oxidation Reduction Potential Specific Conductance Turbidity Tennoreality | | 1.1.2-7:returbocethane 1.1.2-7:rethorosthane 1.1.2-7:rethorosthane 1.1.0-fall-foorethane 1.1.0-fall-foorethane 1.1.0-fall-foorethane 1.1.0-fall-foorethane 1.1.0-fall-foorethane 1.1.0-fall-foorethane 1.1.0-fall-foorethane 1.1.0-fall-foorethane 2-Beatmanne (BEC) 4-Mehtly/2-pertamone 4-Mehtly/2-pertamone 6-Mehtly/2-pertamone Mehtly/2-pertamone 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | Carbon Dioxide Ethane Ethene Methane | Mirate Managenese Ferrieron Sulfate Sulfate Burlide Nitrite Phosphorous Ammonia COD Total Abalinity Ferrous fron Total Abalinity Ferrous Abalinity Ferrous Abalinity Ferrous Abalinity Ferrous Abalinity Ferrous Abalinity Ferrous Add Total Add | Dehlorinalide Bacteria LOE R-Dase (1) BAVI VC R-Dase (2) NC R-Dase (3) NC R-Dase (1) NC R-Dase (1) |
| | | | | (feet) (ff. ATOC) (ff. AMSL) | (ft. AMSL) (SU) (mg/L) (mV) (mS/cm) | (mg/L) | (ug/L) | (ng/L) | (mg/L) | (cells / mL) |
| | Monitoring event | P1 6/12/20 | 15 38 | 9.0 NA 690.3 | NA (Grab Sample) | NS 1.8 | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | |
| | Monitoring event | P2 7/28/20 | 15 84 | 9.0 | 682.5 7.13 1.54 54.5 3.082 2.82 | 8 8 8 | | | | |
| | Monitoring event | P3 1/6/201 | 6 246 | 9.0 NA 690.3 | ₹ | 8 8 8 | | | | |
| | Monitoring event | P4 4/8/201 | 6 339 | 9.0 | NA (Grab Sample) | S S S | | | | |
| | Monitoring event | P5 7/11/20 | 16 433 | 9.0 7.52 690.3 | 682.7 | S S S | | | | |
| | Monitoring event | P6 10/13/20 | 16 527 | 8.6 7.43 690.3 | 682.8 7.34 4.61 175.9 2.302 24.2 | S S S | 2 | | | |
| | Monitoring event | P7 1/20/20 | 17 626 | 9.0 NA 690.3 | NA (Grab Sample) | | D | | | |
| | Monitoring event | P8 4/7/201 | 7 703 | | 9.51 NA 18.4 1.525 | 8 8 8 | | | | |
| | Monitoring event | P9 7/10/20 | 17 797 | 9.0 9.0 8.5 7.33 690.3 690.3 | 682.9 681.8 682.9 7.71 7.27 9.51 5.21 1.10 NA 207.2 19.6 18.4 2.44 3.16 1.525 5.21 150 | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | |
| | event | P10 10/18/20 | 17 897 | 9.0 7.45 690.3 | 682.9 7.71 5.21 207.2 2.44 2.44 | 8 8 8 | | 1 | | |
| TP-06 | event | 211 1/2/201 | 8 973 | 9.0 8 690.3 | NA (Grab Sample) | 8 S S | | | Not Sampled For These Parameters | |
| | event | P12 4/19/20 | 18 1080 | 9.0 7.48 8 690.3 | 682.8 7.09 7.09 14.63 61.13 NA | | 2 | | | |
| | event | P13 7/11/20 | 18 1163 | 9.0 7.48 3 690.3 | 7.20 7.20 1.53 -32.9 3.410 48.1 | | | | | |
| | event | 214 10/23/20 | 18 1267 | 9.0 9 7.4 3 690.3 | 2.71 2.71 96.1 96.1 0 1.340 | | | | | |
| | event | P15 1/8/201 | 9 1344 | 9.0 7.19 3 690.3 | 7.02 7.02 7.4 7.4 7.4 5 3.930 7.5 7.6 7.6 | | | | | |
| | event | P16 4/12/20 | 19 1438 | 9.0 | 6.57 -0.3 4.865 | | | | | |
| | event | P17 7/22/20 | 19 1539 | 9.0 NA 690.3 | NA (Grab Sample) | 8 S S | Q Q | | | |
| | Monitoring event | P18 10/14/20 | 19 1623 | 9.0 7.49 690.3 | NA (Grab Sample) | 8 8 8 | 2 | | | |
| | Monitoring event | 219 1/8/202 | 0 1709 | 9.0 7.48 690.3 | 682.8 6.95 5.56 103.4 4.45 46.7 | | | | | |
| | Monitoring event | 20 4/9/202 | 0 1801 | 9.0 7.49 690.3 | NA (Grab Sample) | 8 5 5 | Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q | | | |

| | | | | | | Well | | Field Parameters | | | | | | | | VOC | Ss | | | | | | | Diss | solved | Gasses | | | | 1 | Wet Ch | emistry | у | | | | | Potenti | al (DNA) | |
|---------|--------------------|---------|------------|---------------------------|---|------------------------------------|------------|------------------|---------------|---------------------------------------|--|---------------------------------------|--------------------------------|---------------------------------|-----------------------------|--------------------------------|-------|--|-----------------------------------|--------------------------------------|------------------------------|--------------------------|----------------|-------------------------------|--------|--------|---------|-------------------------------------|---------|------------------------|--------|-------------------------------|---------------------|----------------------------|----------------------------------|--------------------------|--|---------|---------------------------------------|-----------|
| Well ID | Event Descripti | / on | Date | Elapsed Time (Days) | (feet) Total Depth (ft. ATOC) Water Level Measurement | (ft. AMSL) Top of Casing Elevation | (ft. AMSL) | | Carb 1,1,1 | 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 (ug/L) Chloroform | , 0 , | Cis-1,∠-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene | Vinyl chloride | Xylenes, Total Carbon Dloxide | (ug/L) | Ethene | Nitrate | Manganese Ferric iron Sulfate | Sulfide | Phosphorous Ammonia | COD | Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid | n-Butyric Acid Propionic Acid | Chloride Pyruvic Acid | Dechlorium Bacte Department B | ia | mL) TCE R-Dase (1) BAVI VC R-Dase (1) | VC R-Dase |
| | Monitoring event | P21 | 7/23/2020 | 1906 | 9.0 | | 0 | | SN ON | 2 | 2 2 | 99 | 9 9 | 99 | 99 | 9 9 | 2 2 2 | 2 2 | 99 | 22 | 99 | 999 | 2 2 ! | 2 | | | | | | | | | | | | | | | | |
| | Monitoring event | P21 | 10/5/2020 | 1980 | 9.0 | | 20 | NA (Grab Sample) | SN ON | 9 ! | 2 2 | 99 | 2 2 | 99 | ON 0. | 2 2 | 2 2 2 | 2 2 | 9 9 | 99 | 22 | 2 2 2 | 2 2 ! | 2 | | | | | | | | | | | | | | | | |
| | Monitoring event | P22 | 4/1/2021 | 2158 | 9.0 | 690.3 | 6.289 | NA (Grab Sample) | SN ON | 2 | 2 2 | Q Q | Q Q | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | QN QN | 22 | Q Q | 2 2 2 | 2 2 : | O N | | | | | | | | | | | | | | | | |
| TP-06 | Monitoring event | P23 | 10/22/2021 | 2362 | 0.6 AN | 690.3 | ₹ | NA (Grab Sample) | SN ON | 9 ! | 2 2 | 99 | 9 9 | 99 | 99 | 99 | 2 2 2 | 2 2 | 99 | 22 | 99 | 2 2 2 | 2 2 ! | 2 | | | | | | Not S | Sample | ed For | These | e Para | ımeter | rs | | | | |
| | Monitoring event | P24 | 4/12/2022 | 2534 | 9.0 | 690.3 | 682.9 | NA (Grab Sample) | SN ON | 9 ! | 2 2 | 99 | 9 9 | 9 9 | 99 | 99 | 2 2 2 | 2 2 ! | 22 | 22 | 2 2 | 2 2 2 | 2 2 ! | 2 | | | | | | | | | | | | | | | | |
| | Monitoring event | P25 | 10/7/2022 | 2712 | 9.0 | 690.3 | ¥ Z | NA (Grab Sample) | SN ON | 2 | 2 2 | 22 | Q Q | 9 9 | OND 0.39 J | 2 2 | 2 2 2 | 2 2 | Q Q | g z | 2 2 | 2 2 | 2 2 ! | Q Z | | | | | | | | | | | | | | | | |
| | Monitoring event | P26 | 4/6/2023 | 2893 | 9.0 | 690.3 | ¥ | NA (Grab Sample) | SN ON | Q ! | 2 2 | Q Q | Q Q | 2 2 | 2 2 | 2 2 | 2 2 2 | 28 | QN QN | Q Q | ON CO | 2 2 | 2 2 | Q Z | | | | | | | | | | | | | | | | |

| | | | | | | Well | | Fi | eld Par | ameter | s | | | | | | | | v | OCs | | | | | | | | Dissolve | d Gass | ses | | | | v | Vet Che | mistry | | | | | Q Po | otential (| DNA) | |
|-----------|------------------------------|-----|------------------------|---------------------------|--------------------------------------|--------------------------|----------------|------------------------|-------------------------------|----------------------|-----------------------|--------|---|-----------------------|--|----------------------------------|--|--------------------|----------------------------------|---------------|------------------------|---|---|-------------------------------------|-------------------------------------|--|----------------|----------|--------|---------|-----------|------------------------|--------------------|------------------------|---------|----------------------------------|---------------------|----------------------------|--|---|--|----------------|--------------------|---|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total Depth Water I evel Measurement | Top of Casing Elevation | Head Elevation | pH Dissolved Oxygen | Oxidation Reduction Potential | Specific Conductance | Temperature | S | 1,1,1-Irichioroethane 1,1,2-Trichioro-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 | Chloromethane | cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1.2-Dichloroethene | Trichloroethene | Xylenes, Total | Ethane | Ethene | Methane | Nanganese | Ferric iron Sulfate | Sulfide Nitrite | Phosphorous Ammonia | вор | Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid | n-Butyric Acid Propionic Acid Chloride | В | Dehalococcoides spp (1) Dehalococcoides spp (1) | TCE R-Dase (1) | BAVI VC R-Dase (1) | |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (SU) | (m) | (mS/cm) | (SUTUS) | (mg/L) | | | | | | | | (ng/L) | | | | | | | | | (ug/L) | | | | | | (ma/L) | | | | | | | (cells/ mL) | | |
| | Monitoring event | BL1 | 6/22/2010 | -1778 | 15 | 4.12 | 685.7 | 6.93 | 47.1 | 1.117 | 18.4 | SN | 2 2 | 2 5 | 2 2 | 22 | 2 2 | 9 g | 22 | 2 2 | 6,400 | 2 2 | 2 2 | 22 | ND 1. 4.9 | 11,000 ND | 2 | | | | | | | | | | | | | | | | | Ī |
| | Monitoring event | BL2 | 8/4/2010 | -1735 | 15 | 689.8 | 684.9 | 6.82 | -31.9 | 1.170 | 21.27 | SN | 2 2 | 2 9 | 22 | | П | 9 9 | 99 | 2 2 | 9 | - | | 99 | | 20,000 Z0,000 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | BL3 | 3/10/2015 | -56 | 15 | 3.95 689.8 | 682.9 | 7.24 | 6:0- | 0.850 | 52.7 | 3.3 | 9 9 | 2 5 | 9 9 | 999 | 2 2 | 9 9 | 99 | 99 | က | - - | 22 | 99 | 2 2 | 5,400 ND | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P1 | 7/28/2015 | 84 | 15 | 689.8 | 685.3 | 5.75 | 48.2 | 5.212 | 72 79 | 3,700 | 9 9 | 2 9 | £ ₹ | 999 | 2 2 | 360 J | 99 | 9 9 | 23,000 | 2 2 | ₽ 8 | 99 | D 02 | 8,000 | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P2 | 1/7/2016 | 247 | 5 2 | 4.1 689.8 | 685.7 | 6.06 | 21.8 | 4, | 9.23 | | 9 9 | 2 5 | 9 9 | 999 | 2 2 | 9 9 | 99 | 99 | 29,000 | 2 2 | 99 | 99 | 9 9 | ., | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P3 | 4/8/2016 | 339 | 15 | _ | 3 687.2 | 6.24 | | | 69.3 | | 2 2 | 2 9 | 22 | 999 | 2 2 | | 99 | 2 2 | 6,400 32,000 22,000 29 | 2 2 | 7 | 99 | 2 2 | ON 02.400 | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event Monitoring | P4 | 7/11/2016 | 433 | 15 | _ | 2 683.8 | 9 3.9 | ' | 4 | 2 18.39 | - | 2 2 | 2 5 | 22 | 999 | 2 2 | 99 | 99 | 22 | 0 32,00 | 2 2 | 99 | 99 | 2 2 | ON 00 | ND ND ON | | | | | | | | | | | | | | | | | |
| | event | P5 | 10/10/2016 | 524 | | 9.689 8. | 7. 683.2 | 6.59 | | | 7 18.42 | | | 2 5 | 22 | | 2 2 | | 22 | 2 2 | | | _ | 22 | 2 2 | | | | | | | | | | | | | | | | | | | |
| A1-GP02-S | event | P6 | 1/23/2017 4/11/2017 | 629 707 | | 2.75 3.75 689.8 689.8 | 687.1 686.7 | 6.52 6.68 4.88 3.1 | 7 | - 0 | 125 20.3 10.7 8.27 | ** | | | | | | 9 9 9 9 | | 2 2 | | | - | 22 | | ON O | QN QN | | | | | | | Not Sa | ample | d For | These | Paran | neters | | | | | |
| | event | P8 | 7/6/2017 | 793 | | 5.7 2. 689.8 68 | 684.1 68 | 6.79 6.72 | _ | 390 1.4 | 7.0 10 | | | Н | | | | | | | | | | 22 | | ND ND N | 1 | | | | | | | | | | | | | | | | | |
| | Monitoring event | | 10/17/2017 | 896 | | 689.8 | | 6.84 6 | - | 2 | 36.2 | | _ | | | 999 | - | | | | 1 | | | | | 000 T | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P10 | 1/5/2018 | 976 | | 3.61 689.8 6 | | 8.21 (| | 0 | 8.9 8.9 | | | Н | 99 | | 2 S | | | 9 9 | \perp | - 1 - 1 | 99 | 99 | 2 2 | ND 6700 | 3 8 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P11 | 4/12/2018 | 1073 | | 3.45 | 686.4 | 6.96 | | | 8.5 A | 210 | 2 2 | 2 5 | 2 2 | 22 | 2 2 | ON ON | 9 9 | 2 2 | 230 | Q 64 | 0.4 J | 99 | 2 2 | ND 4 200 | 4 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P12 | 7/9/2018 | 1161 | 15 | 9.70 | 684.1 | 3.01 | | , | 17.2 | 232 B | 2 2 | 2 | | 22 | 2 2 | Q Q | 2 2 | 2 2 | | | | 22 | 2 2 | OND 009.9 | ND | | | | | | | | | | | | | | | | | |
| | Monitoring event | P23 | 4/12/2022 | 2534 | | 2.34 | 8 687.5 | 7.02 | | _ | 37.34 | | 2 2 | | | | - 1 - 1 | 99 | | | - | § 4 | | 99 | | | 35 J | | | | | | | | | | | | | | | | | |
| | Monitoring event | P13 | 10/18/2018 | 1262 | | 9.00 | 5 684.8 | 7.31 | | , | 14.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P14 | 1/2/2019 | 1338 | 15 | 5.3 | 686.5 | 3.45 | -97.2 | 1.300 | 9.1 | 75.8 | 2 2 | 2 | 99 | 99 | 2 2 | 99 | 99 | 2 2 | 15 | 2 8 | 99 | 99 | 2 2 | ₩ Q2 | 20 7 | | | | | | | | | | | | | | | | | |

| | | | | | | Well | | | Field Pa | arametei | s | | | | | | | | | voc |)s | | | | | | | Di | ssolved | Gasses | | | | w | et Che | mistry | | | | | Q | Potenti | al (DNA) |) |
|-----------|-------------------|-----|------------|---------------------------|--------|---|------------|------|--|----------------------|------|--------|--|-----------------------|--|--------------------|------------------|---------------------------------|-----------------------------|--------------|---|-------------------------|-------------------|--------------------------------------|------------------------------|---|----------------|-------------------------------|---------|-------------------|----------------------|------------------------|--------------------|------------------------|---------|-------------------------------|-------------|----------------------------|----------------------------------|--------------------------|---|---------|----------------|-----------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total | Water Level Measurement Top of Casing Elevation | Head Ele | pH | Dissolved Oxygen Oxidation Reduction Potential | Specific Conductance | | | 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-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloroethane | Chloromethane cis-1.2-Dichloroethane | Dichlorodifluoromethane | Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane | Ethene Methane | Nitrate Manganese | Ferric iron Sulfate | Sulfide Nitrite | Phosphorous Ammonia | BOD | Total Alkalinity Ferrous Iron | Acetic Acid | Formic Acid Lactic Acid | n-Butyric Acid Propionic Acid | Chloride Pyruvic Acid | Dechlorina Bacteri Departococcopides & bb (1) | 1 | TCE R-Dase (1) | Genes (1) |
| | | | | | (feet) | (ft. ATOC) | (ft. AMSL) | (ns) | (mg/L) | (mS/cm) | (%) | (mg/L) | | | | | | | | (ug/L) | | | | | | | | | (na/L) | | | | | | (mg/L) | | | | | | | (cells/ | Ę | |
| | Monitoring event | P15 | 4/18/2019 | 1444 | 15 | 2.89 | 6.989 | 7.11 | 43.9 | 1.366 | 8.9 | 8.99 | 2 2 | Q. | 99 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | ND ND | 2 | 2 2 3 | ON O | 2 2 | 2 2 | 1,300 | a N | | | | | | | | | | | | | | | | |
| | Monitoring event | P16 | 7/25/2019 | 1542 | 15 | 5.39 | 684.4 | 7.48 | 2.3 | 1.363 | 18.7 | 30.8 | 9 9 | 9 | 9 9 | 2 2 | 2 2 2 | 02 P | 99 | 2 2 | 5 5 4 | 9 9 | 2 2 3 | G Q : | 99 | 2 2 | 1,200 | 13.5 | | | | | | | | | | | | | | | | |
| | Monitoring event | P17 | 10/14/2019 | 1623 | 15 | 4.00 | 685.8 | 6.4 | 41.6 | 1.427 | 14.1 | 37.2 | 2 2 | Q. | 9 9 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 5 8 4 | S S | 2 2 2 | 2 2 | 2 2 | Q 2 | 380 | 76 J | | | | | | | | | | | | | | | | |
| | Monitoring event | P18 | 1/7/2020 | 1708 | 15 | 3.19 | 9.989 | 7.02 | 2.42 | 1.230 | 7.3 | 21.8 | 2 2 | Q | 9 9 | 2 2 | 2 2 | Q Q | 9 | 2 2 | N 08 | 2 2 | 2 2 2 | 2 2 | Q Q | Q Q | 450 | a N | | | | | | | | | | | | | | | | |
| A1-GP02-S | Monitoring event | P19 | 4/13/2020 | 1805 | 15 | 2.61 | 687.2 | 7.02 | 2.53 | 1.199 | 9.6 | 15.8 | 9 9 | 9 | 9 9 | 2 2 | 2 2 2 | 9 9 | 9 9 | 2 2 | S S S | 2 2 | 2 2 2 | 2 2 | 9 9 | 2 2 | 1,500 | CLZ | | | | | | Not Sa | mpler | d Eor T | hoco | Daras | notore | | | | | |
| Al-Gruz-G | Monitoring event | P20 | 10/12/2020 | 1987 | 15 | 3.6 | 686.2 | 6.47 | 1.33 | 0.864 | 16.0 | 15.6 | Q Q | Q | 2 2 | 2 2 | 2 2 | Q Q | Q Q | 2 2 | Q Q (5) | ND 22 | ND 1 | ON : | Q Q | Q Q | 2,300 | 337 | | | | | | NOT GA | iiipied | 11011 | nese | raiai | neters | | | | | |
| | Monitoring event | P19 | 4/13/2020 | 1805 | 15 | 2.61 | 687.2 | 7.02 | 2.53 | 1.199 | 9.6 | 15.8 | 2 2 | 2 | 9 9 | 2 2 | 2 2 | | 9 9 | 2 2 | ₽ Q 2 | 2 2 | 2 2 | 2 2 | 9 | 2 2 | 1,500 | CLZ | | | | | | | | | | | | | | | | |
| | Monitoring event | P22 | 10/22/2021 | 2362 | 15 | 2.56 | 687.2 | 7.19 | 1.29 | 1.020 | 14.9 | 10.9 | 2 2 | 9 | 9 | 2 2 | \perp | 2 2 | | | | | 9 2 | | 9 9 | 2 2 | 2,800 | 45 J | | | | | | | | | | | | | | | | |
| | Monitoring event | P23 | 10/6/2022 | 2711 | 12 | 4.90 | 684.9 | 7.04 | 5.03 | 1.200 | 17.8 | 7.1 | 9 9 | 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | ND ND | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 3,400 | O N | | | | | | | | | | | | | | | | |
| | Monitoring event | P24 | 4/6/2023 | 2893 | 12 | 2.55 | 687.3 | 6.79 | -19.8 | 1.063 | 8.2 | 7.0 | 2 2 | 2 | 9 9 | 2 2 | 2 2 | 2 2 | 9 | 2 2 | N 08 | 2 | 999 | 2 2 | 9 9 | 2 2 | 2,400 | 2 | | | | | | | | | | | | | | | | |

| | | | | | V | Vell | | Field | Param | eters | | | | | | | | VOC | Cs | | | | | | | Dissol | ved Ga | sses | | | | ١ | Wet CI | hemistr | ry | | | | | Q Po | otentia | I (DNA) | |
|-----------|-------------------|-----|------------|---------------------------|---|-------------------------------------|--------------------------|---|---------------------------|----------|------------------|-------|---------------------------------------|--------------------|----------------------------------|------------------|--------------------------------------|---------------------|--------------------------------------|-------------------------|---|----------------|----------------------------------|-----------------|----------------------------------|----------------|---------------|---------|----------------------|------------------------|-----------------|------------------------|-------------------|--------------------------------------|-------|----------------------------|-------------------------------|----------------------------|--------|-------------------------|------------------------------|--------------------|-----------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | (feet) Total Depth (ft. ATOC) Water Level Measurement | (ft. AMSL.) Top of Casing Elevation | (ft. AMSL) read Levenori | (mg/L) Dissolved Oxygen Oxidation Reduction Potential | (mV) Specific Conductance | Turbidit | (°C) Temperature | 1,1,1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1-Dichloroethane | 1,2-Dichloroethane 2-Hexanone | 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone Banzene | Chloroethane (uq/L) | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane Methylene chloride | Methyl Acetate | Toluene Trane-1-2-Dichlorosthane | Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide | (ug/L) Ethene | Methane | Nitrate Manganese | Ferric iron Sulfate | Sulfide | Phosphorous Ammonia | COD | (mg/L) Total Alkalinity Ferrous Iron | Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride | | Dehalococcoides spp (1) | (cells/ mL) TCER-Dase (1) | | VC R-Dase |
| | <u> </u> | | | | | | | | _ | | ٤ | - | | | | | | - | | | | | | | | | 2 | | | | | | | ٤ | | | | | | | <u> </u> | | |
| | Monitoring event | BL1 | 6/21/2010 | -1779 | 3.40 | 7. 687.7 | 6.88 | | 83.7 | 9 | 1 N | | 2 2 | | 99 | - - | 222 | | S S S | 2 | S S S | 2 | 2 2 2 | | 1,300 ND | | | | | | | Not S | Sampl | ed Fo | r The | se Pa | rame | eters | | | | | |
| | Monitoring event | BL2 | 8/4/2010 | -1735 | 3.24 | 687.7 | 7.1 | - | NA 0.793 | | 19.3 | 1,700 | 1,900 | 3,200 | 99 | 2 2 | 2 2 2 2 | 2 2 2 | 5 5 5 5 | 33 | 2 2 2 | 99 | 999 | 200 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | BL3 | 11/5/2014 | -181 | 15 | | 685.6 7.19 | 1.0 | -57.4 | | | 2 | | | | Not | Sampled | i For T | These F | arar | | | | 1_1 | | 9,500 | 2 2 | 4 | 0.05 | 22 | S S | ND 0.23 | 19.6 CN | 376 ND | 0.27 | 2 2 | 8 8 | 8 8 | S | | | led For ameters | |
| | Monitoring event | BL4 | 3/11/2015 | -55 | 15 | | 5.8 | | 257 | 8.54 | | _ | 4. Z | 0 | 99 | 2 2 | 2 2 2 2 | | 2 2 2 | 2 | ₹ 9 £ | 2 2 | 2 2 2 | 0.81 | 99 | | | | | | | Not S | Sampl | ed Fo | r The | se Pa | rame | eters | | | | | |
| | Monitoring event | P1 | 7/27/2015 | 83 | 15 | 687.7 | 685.0 6.8 | 0.63 | 3.365 | 11.8 | 15.83 | 110 | 300 | 3,300 | 3.1 ND | 140 | N 02 02 0 | 36 | ND 270 | 190 | 2 2 2 | 9 5 | 15 5 | 18 | 16 ND | 10,000 | 2 2 | 099 | 1.6 B | 45.5 ND | S S | 0.42 | 3220 | 2430 | 73.1 | 14.4 | 137 DD | 836 NS | Q N | | | | |
| | Monitoring event | P2 | 1/7/2016 | 247 | 15 | 687.7 | 7.18 | 0.51 | -115.7 | 17.0 | 10.28 | Q Q | 2 2 | 8 8 | 2 2 | | | | ND ND | | ND S.5 J | 2 | 2 2 2 | 2 2 | 16 ND | 4,000 | 2 2 | | | | z z | - 0 | 443 | 787 B | 2 2 2 | 2 2 | s s | 888 | S | | | | |
| | Monitoring event | P3 | 4/8/2016 | 339 | 15 | 687.7 | 7.11 | | 1,126 | 33.2 | 6.42 | 73 | 88 | 450 | 99 | 28 J | 222 | 280 | 2 2 2 | 2 : | S.1.5 | 2 | 6.1 5 | 5.4 J | £ 33 | 00009 | 2 2 | 2,200 | 0.46 | 9.2 | 99 | 0.059 0.019 J | 453 552 b | 102 102 102 | 15.8 | S S | NS NS | S S S | S S | | | | |
| A1-GP06-S | Monitoring event | P4 | 7/12/2016 | 434 | 3.23 | | 7.22 | 1.18 | -137.2 | 47.9 | 17.81 | 35 | 19 | 08 Q | 99 | C 69 | 3 2 S | 1,300 | 2 2 2 | 2 : | 222 | 99 | 299 | 2 2 | 4 Q | 49,000 | 2 2 | 410 | ND 0.25 B | 4.7 ON | 22 | 0.16 | 2030 B | 1360 1.2 H F | 9.8 | S S S | S S | SN SN | y Z | | | | |
| | Monitoring event | P5 | 10/10/2016 | 524 | 3.55 | 687.7 | 7.28 | 1.92 | -83.5 | 11.4 | 17.64 | ND | 26 | 270 ND | 9 9 | 2 2 | 2 2 2 2 | 070 | 2 2 2 | 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 | S S | 36,000 | 9 | 2,600 | ND 0.23 B | 4.9 ND | 0.80 J | 0.14 | 1,750 ND | 1,080 ND | 4.9 | 2 2 5 | | S S | | | | | |
| | Monitoring event | P6 | 1/24/2017 | 630 | 15 | | 0.989 | 0.47 | 1.177 | 19.5 | 10.65 | 24 | £ 5 | 00 Q | 99 | 2 2 | 2 2 2 2 | 1,300 | 222 | 2 | 2 N 5 | 99 | 2 2 2 | 2 2 | | | 2 2 | | 0.024 J | | | 0.060 F1 ND | | | | | 99 | O S | 2 | | | led For ameters | |
| | Monitoring event | P7 | 4/11/2017 | 707 | 15 | 687.7 | 7.17 | 0.58 | -90.7 | 33 | 11.6 | 34 | 52 | 210 6.2 J | 9 9 | 32 J | 2 2 2 2 | 730 | 2 2 2 | 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 23,000 | 2 2 | 2,500 | 0.12 | 12 | 22 | 0.05 | 574 118 Hb | 769 ND | 2 2 | | 2 2 | Q S | Q | | | | |
| | Monitoring event | P7 | 7/6/2017 | 793 | 3.3 | | 7.31 | | 1.300 | | 15.7 | 63 | 88 68 | 5 5 S | 99 | 2 2 | 2 2 2 2 | 1,400 | 2 S & | 9 | 222 | 9 9 | 2 2 2 | 2 2 | 2 Q | 38,000 | 9 | | 0.26 | 7.3 | ₽ ¹² | | 531 | | 1.6 | 2 2 5 | 99 | S S | 2 | | | | |
| | Monitoring event | P8 | 10/18/2017 | 897 | 3.95 | _ | 7.59 | _ | 1.440 | - | 15.0 | ND | 2 2 | 200 2 | 9 9 | 42 | S 2 2 2 | | | 2 | 2 2 2 | 2 | 4.4 CN | 2 2 | 14 ND | 32,000 3 | 2 2 | _ | 0.048 | | 일을 | 0.068 | 178 | | 8.6 | | 2 2 | Q S S | ON N | | | | |
| | Monitoring event | P9 | 1/5/2018 | 976 | 15 | | 11.05 | | -196.2 | ₹ | 11.22 4.6 | 44 | 1.6 J | 400 3.7 J | 2.1 J ND | 16 J | 2 2 2 2 | 2 2 2 | 2 2 2 | 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 | Q Q | 46,000 3 | 2 2 | 2,600 | | 15.6 | $\overline{}$ | 0.25 | | 515 ND | 10.3 | 2 2 5 | 2 2 | 2 S | O N | | | | |
| | Monitoring event | P10 | 4/10/2018 | 1071 | 1.65 | _ | | | -108.3 | | | 110 | 95 | | | 2 2 | 2222 | 940 | ND ND | 2 | 2 2 2 | 2 2 | 2 2 2 | 7.2 J | L Q | 38,000 4 | | | 0.59 | 3.1 J | | 0.24 NS (| 110 274 H b 28 | 565 B | 18.0 | SS | S S | S S S | S Z | | | | |

| | | | | | Well | | Fiel | d Parame | eters | | | | | | | | VO | Cs | | | | | | Dis | solved | Gasses | | | | w | et Chem | nistry | | | | Q | Potential (I | ONA) |
|-----------|------------------------|------------|---------------------------|--------|---|----------------|--------|--|--------|-----------------------|-------------|---|--------------------|------------|---------------------------------------|-----------------------------|--------------|--|---|-----------------------------------|---|-------------------------------------|-----------------------------------|----------------------------------|--------|-----------|----------------------|------------------------|--------------------|----------------------------|------------------|--------------|-------------|-------------------------------|--|------------------------------------|----------------|------------------------------|
| Well ID | Event / Description | Date | Elapsed Time (Days) | | Water Level Measurement Top of Casing Elevation | Head Elevation | | Oxidation Reduction Potential Specific Conductance | | Carbon, Total Organic | | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene | 2-Hexanone | Z-Butanone (MEK) 4-Methyl-2-pentanone | Benzene Carbon Disulfide | Chloroethane | Chloromethane | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane | Methane | Nitrate Manganese | Ferric iron Sulfate | Suffide Nitrite | Phosphorous Ammonia |) m i | Ferrous Iron | Acetic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride Pyruvic Acid | Dechlorina Bacteria 9 by (1) | | BAVY VC R-Dase (1) VC R-Dase |
| | | | | (feet) | (ft. ATOC) | (ft. AMSL) | (mg/L) | (mV) (mS/cm) | (NTUs) | (C) | | | | | | | (na/L) | (all all all all all all all all all all | | | | | | | (ng/L) | | | | | | (mg/L) | | | | | | (cells / | |
| | Monitoring event P11 | 7/9/2018 | 1161 | 15 | 2.55 | 685.2 | 3.86 | -86.2 | 28 | 15.55 215 B | 18 | ND 250 | 4.1 J | Q E | ND 2 | 2 2 | 2,600 | 2 2 | 22 | 225 | 2 2 2 | 5.1 J ND | ND 20 | ND 25,000 | 2 | 17,000 | ND 0.23 B | 7.4 6.5 J | - 2 | 0.099 B 0.1 0.059 0.025 | 378 H 646 B | ND 47 | t S S | | S S S | | | |
| | Monitoring event P12 | 10/19/2018 | 1263 | 15 | 3.62 | 684.1 | 0.55 | 45.8 | 26.9 | 15.0 | 15 3.5 J | ND 210 F1 | ND - 2.5 | QN S | 24 GN GN | 2 2 2 | 1,500 | 2 2 | 2 Z | Q Q | ND ND | 5.1 J | QN 0.9 J | 0 | Q ! | 13,000 | ND 0.12 B | 3.0 ND | 2 2 | 0.099 B | >189.81 538 | QN 08 | S S | SN SN | S S S | | | |
| | Monitoring event P13 | 1/4/2019 | 1340 | 15 | 0.95 | 6.989 | 0.36 | -133.6 | 16 | 9.9 | 21 J | DN 170 | 2 2 | 2 2 5 | 2 2 2 | 2 2 2 | 087 | 2 2 | 9 9 | 99 | 222 | 99 | 9 9 | ND 26,000 | 2 | ON 19,000 | ON 0.98 | 14.9 | 99 | 0.21 | 57.2 Hb 417 B | ND 853 | SN S | | S S S | | | |
| | Monitoring event P14 | 4/15/2019 | 1441 | 15 | 1.55 | 686.2 | 6.94 | 108.5 | 18.54 | 70.5 | 23 J | ND 150 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 260 560 | Q Q | 22 | 222 | 2 2 | QN | ND 44,000 | Q ! | 2 2 | QN QN | 2 2 | | 222 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | S S S | | | |
| | Monitoring event P15 | 7/22/2019 | 1539 | 15 | 2.73 | 685.0 | 1.16 | -11.8 | | 519.0 | | ND 230 | 2 2 | 2 2 5 | 5 5 5 | 2 2 2 | 820 | 2 2 | 9 9 | 99 | 2 2 2 | 99 | 9 9 | 1E+05 | 2 | ON 4, | 1-10 | 38.6 ND | -1-1 | 0.023 | 1 1-4 | | | | 89.2 ND | | | |
| | Monitoring event P16 | 10/14/2019 | 1623 | 15 | 2.00 | 685.7 | 0.7 | -73.8 | 24.45 | 375,0 | 2 2 | QN 68 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 510 | S S | 2 2 | 22 | 2 2 2 | 22 | 9 9 | ND 87,000 | 2 | ND 7,500 | ND 0.52 B | 49.9 ND | 0.059 | 0.026 | S S S | 0.11 H | S S | S S S | 73.7 NS | | | |
| | Monitoring event P17 | 1/7/2020 | 1708 | 15 | 2.41 | 685.3 | 1.51 | -79.8 | 94.1 | 168.0 | 9 9 | Q 8 | 2 2 | 2 2 5 | 999 | 999 | 092 | 2 2 | 99 | 99 | 999 | 99 | 9 9 | 57 | 1.9 J | 20,000 | ND 0.34 | "I I | 99 | 0 | | | | 8 8 8 | 76.5 NS | Not Co | maled E | or Thosa |
| A1-GP06-S | Monitoring event P18 | 4/13/2020 | 1805 | 15 | 2.35 | 685.4 | 6.89 | 90.1 | 43 | 155.0 | 33 | ND 200 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 1,100 | 2 2 | 2 2 | 22 | 222 | 99 | QN | 000'29 | Q ! | 20,000 | | 3.11 | 22 | 0.036 | SN SS | 0.34HF | SI SI | SN SN | NS 78.9 | | mpled Foramete | |
| | Monitoring event P19 | 10/8/2020 | 1983 | 15 | 2.87 | 684.8 | 1.27 | -88.8 | 48.1 | 79.6 | 2 2 | 08 8 | 2 2 | 2 2 5 | 2 2 2 | 2 2 2 | 099 | 2 2 | Q Q | 22 | 222 | 22 | Q Q | 000'09 | 2 | 13,000 | 0.66 | _ | | ap | | 0.26HF | | S S S | 80.6 S0.6 S0.6 | | | |
| | monitoring event P20 | 4/2/2021 | 2159 | 15 | 2.00 | 685.7 | 3.48 | -53 | 14.1 | 155.0 | 36 | ND 210 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 1,000 | 2 2 | 2 Z | 2 2 | E 8 8 | 99 | QN QN | ND 47,000 | Q ! | 19,000 | ND 0.46B | 6.03 | | | | | | SN SN | NS 65.2 | | | |
| | monitoring event P21 | 10/22/2021 | 2362 | 15 | 2.14 | 685.6 | 0.38 | -131.8 | 20 | 13.3 | 2 2 | ND 54 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 88 2 | 2 2 | 22 | 2 2 | 2 2 2 | 99 | Q Q | ND 74,000 | Q ! | 15,000 | 0.019 NS | 65.2 2.2 J | 1.6 0.040 JB | S S S | NS S73 B | ND HF | S S S | S S S | S S S | | | |
| | monitoring event P22 | 4/11/2022 | 2533 | 15 | 1.22 | 686.5 | 0.46 | -138.8 | 42.89 | 38.1 | 2 2 | ND 21 J | 2 5 | 2 2 2 | 2 2 2 | 2 2 2 | 670 | 2 2 | 2 Q | 2 2 | 2 2 2 | 2 2 | QN QN | ND 77,000 | Q. | 17,000 | 0.037 J NS | 7.4 ND | 0.80 ND | S S S | NS 512 | ND HF | t SZ | S S S | S S S | | | |
| | Monitoring event P23 | 10/6/2022 | 2711 | 15 | 2.69 | 685.0 | 0.63 | -162.3 | 125 | 76.3 25.8 F1 | 2 2 | ₽ 5 | 2 2 | 2 2 9 | 2 2 2 | 2 2 2 | 840 | 2 2 | 99 | 99 | 2 2 2 | 99 | 99 | 33,000 | 2 | 15,000 | | | | S S S | | ND HF | | | S S S | | | |
| | Monitoring event P24 | 4/7/2023 | 2894 | 15 | 0.69 | 687.0 | 0.24 | -13.7 | | 48.4 | | 3 B | 9 9 | 99 | 2 9 9 | 2 2 2 | 670 | 2 2 | 99 | 99 | 222 | 99 | 99 | ND 46,000 | 9 ! | Z0,000 | N S | 1.4 J | 99 | S S S | NS 445 | ND HF | SSS | S S S | S S S | | | |

| | | | | | Well | | Field | l Parame | eters | | | | | | | v | /OCs | | | | | | Diss | solved | Gasses | | | V | Vet Chemi | stry | | | | Q Potent | ial (DNA) |
|-----------|------------------------|-------------|---------------------------|-------------|--------------------------|----------------|---------------|--|-----------|------------------------|-----------------------|---|--|--------------------------------|--------------------------------------|----------------------------------|---------------|---|---|-------------------------------------|-------------------------------------|-----------------------------------|----------------|--------|-------------------|-------------------------------------|--------------------|-----------------------------------|-------------|----------------------|--|--|---|----------|---|
| Well ID | Event / Description | Date | Elapsed Time (Days) | Total Depth | | Head Elevation | $\overline{}$ | Oxidation Reduction Potential Specific Conductance | Turbidity | | 1,1,1-Trichloroethane | 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1,2-Trichloroethane | 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane | 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone Benzene | Carbon Disulfide Chloroethane | Chloromethane | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Carbon Dioxide | Ethane | Ethene Methane | Nitrate Manganese Ferric Iron | Suffate Suffide | Nitrite Phosphorous Ammonia | 0 10 1- | Ferrous Iron Iron | Acetic Acid Form ic Acid Lactic Acid | n-Butyric Acid Propionic Acid Chloride | Decidion Bacte Dehalococodides spp (1) | ria | TCE R-Dase (1) BAVI VC R-Dase (1) VC R-Dase |
| | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (mg/L) | (mV) (mS/cm) | (NTUs) | (7) (mg/L) | i b | | | | | | (ug/L) | | | | | | | (ug/L) | | | | | (mg/L) | | | | | (cells/ | ਵਿ |
| | Monitoring event BL | 1 6/22/2010 | -1778 | 15 | 4.10 689.4 | 685.3 | 0.57 | 46.2 | 220 | NS | Q Q | 2 2 | | 2 2 | 999 | 2 2 | 99 | 2 2 2 | | 2 2 | 22 | 9 9 | 2 | | | | | | | | | | | | |
| | Monitoring event BL | 2 8/3/2010 | -1736 | 15 | 5.35 | 683.5 | 4.46 | -108 | >500 | NS/ | 2 2 | 9 9 9 | 2 2 2 | 22 | 999 | 99 | 99 | 2 2 2 | 222 | 22 | 22 | 0.88 J | 2 | | | | | | | | | | | | |
| | Monitoring event | 10/18/2017 | 897 | 15 | 8.13 689.4 | 681.2 | 99'0 | 1.040 | 21.4 | 12.9 9.6 B | QN . | 2 2 | 2 2 2 | 22 | 999 | 2 2 | 99 | 2 2 2 | 222 | 2 2 | 22 | | | | | | | | | | | | | | |
| | Monitoring event P: | 1/2/2018 | 973 | 15 | 9 | ₹ | | | | | | Not Sa | mpled | (well ha | ad ice fr | ozen ir | n stick u | p) | | | | | | | | | | | | | | | | | |
| | Monitoring event P: | 4/12/2018 | 1073 | _ | NA 689.4 | | | ₹ Z | | 100 | | 9 9 9 | 2 2 2 | 99 | 999 | 99 | 99 | 999 | 2 S S | 222 | 99 | 999 | 2 | | | | | | | | | | | | |
| | Monitoring event | 7/11/2018 | 1163 | | 689.4 | | | 1.019 | | σ. | 2 | 9 9 9 | 2 2 2 | 99 | ₹ 5 | 22 | 99 | 2 2 2 | 222 | 99 | 99 | 999 | 2 | | | | | | | | | | | | |
| | Monitoring event P | 10/19/2018 | 1263 | 15.5 | 10.19 | 679.2 | 1.68 | -21.2 | 63.2 | | | 999 | 2 2 2 | 99 | S 5.5 | 22 | 99 | 222 | 999 | 22 | 99 | 999 | 2 | | | | | | | | | | | | |
| | Monitoring event Po | 1/3/2019 | 1339 | | NA 4.689.4 | | | ₹ ₹ | | - | | | 2 2 | | 999 | | | | 222 | | 99 | 999 | 2 | | | | | | | | | | | | |
| | Monitoring event P | 4/17/2019 | 1443 | | 2.40 | _ | 2.91 | 45.0 | | 7.1 | 2 | | G Q Q | 22 | 999 | 2 2 | 99 | 222 | 2 2 2 | 22 | 99 | 222 | 2 | | | | | | | | _ | | | | |
| A1-GP09-S | Monitoring event P8 | 7/22/2019 | 1539 | _ | 6.49 | 682.9 | ., | 1.9 | | | _ | 9 9 9 | 2 2 2 | 10 1 | 999 | 22 | 99 | 229 | 222 | 99 | 99 | 999 | 2 | | | | | Not Sa | ampled f | For The | se Para | meters | | | |
| | Monitoring event | 10/15/2019 | 1624 | | 3.30 | | | -67.2 | | 35. | _ | | 2 2 2 | 1 1 1 | 5 4 E | | 99! | | 222 | | | | | | | | | | | | | | | | |
| | Monitoring event P1 | | 1708 | | 6 2.88 .4 689.4 | 9 686.5 | | 1 -94 | 36.1 | 3 20.0 | | 2 2 5 | 2 2 2 | 22 | 23 J | 8.2 ND | 99 | 222 | | 22 | 22 | 222 | 2 | | | | | | | | | | | | |
| | Monitoring event P1 | | 1805 | | .2 2.46 9.4 689.4 | | | 17 1.374 | | 13.8 6.71 14.0 47.3 | | | | | | 2 2 | | | | | | | - | | | | | | | | | | | | |
| | event P1 | | 2158 | _ | 2.25 11.2 689.4 689.4 | | | -74.7 -68.4 0.655 1.117 | | | _ | | | 1 1 1 | | | 99 | | | | 1 1 | | | | | | | | | | | | | | |
| | event Monitoring D4 | | 2361 | | 2.54 2.3 689.4 689 | | | -81.4 <mark>-7-</mark> | 44.4 55 | | _ | | 222 | | | | | | 222 | | | 222 | 7 | | | | | | | | | | | | |
| | Monitoring P1 | | 2535 | | 2.15 2. 689.4 68 | 7.3 | | -96.3 -8 1.073 0.9 | | 4 O | _ | _ | | | | | \vdash | | | | | | | | | | | | | | | | | | |
| | Monitoring P1 | | 2710 | 15 | | | | -56.6 -9 0.660 1.0 | | | | | | | | | 99 | \rightarrow | | | - | | | | | | | | | | | | | | |
| | Monitoring event P1 | 7 4/12/2023 | 2899 | _ | 2.50 3 689.4 68 | | | -98.9 0.987 | 51.9 | | | | _ | + | | _ | 99 | _ | | | | 999 | | | | | | | | | | | | | |

| | | | | | | Well | | Fi | ield Par | ameters | | | | | | | | V | OCs . | | | | | | Dis | solved G | isses | | | | Wet | t Chemis | try | | | | | Q Poter | itial (DNA) | |
|-----------|-------------------|-----|------------|---------------------------|-------------|---|----------------|------------------------|-------------------------------|-----------------------------------|-------------|-----------------------|--|--------------------|--------------------|------------------|--------------------|----------------------------------|-----------------------------|--|---|----------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------|---------|----------------------|------------|------------------------|-----------|-------------------------|---|-------------|-------------------------------|---|--------------|---------|--|-----------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total Depth | Water Level Measurement Top of Casing Elevation | Head Elevation | pH Dissolved Oxygen | Oxidation Reduction Potential | Specific Conductance Turbidity | Temperature | Carbon, Total Organic | 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 2-Butanone (MEK) | Acetone Benzene | Carbon Disulfide Chloroethane | Chloroform Chloromethane | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane Methylone chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane Ethene | Methane | Nitrate Manganese | Sulfate | Nitrite Phosphorous | Ammonia | BOD Total Alkalinity | Ferrous Iron Iron | Acetic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride Personal Acid | Dechlor Bact | | TCE R-Dase (1) BAVY VC R-Dase (1) BAVY VC R-Dase (1) | VC K-Dase |
| | | | | | (feet) | (ft. ATOC) | (ft. AMSL) | (SU) | (v m) | (mS/cm) | (0,0) | (mg/L) | | | | | | | (ng/L) | | | | | | | (ng/L) | | | | | | (mg/L) | | | | | | | ar (a) | |
| | Monitoring event | BL1 | 6/21/2010 | -1779 | 15 | 2.7 | 686.4 | 6.57 | 1.9 | 1.171 | 17.45 | SN | 55,000 1400 J | 43,000 | 25 - 5 | 96 | S Q Q | 0.87 J ND | 7.3 | 1.2 J | 2 J ND | ND 1.2.1 | 8 5 | 92 | 16 | | | | | | | | | | | | | | | Ī |
| | Monitoring event | BL2 | 8/3/2010 | -1736 | 15 | 3.8 | 685.3 | 6.64 | -58.6 | 1.036 | 20.32 | SN | 1,900 J | 48,000 | S Q C | 2 2 2 | 2 2 2 | | 22 | 2 2 5 | 2 2 2 | 2 2 2 | 2 2 | 22 | 2 | | | | | No | ot Sam | npled F | or The | se Pa | ramet | ers | | | | |
| | Monitoring event | BL3 | 11/5/2014 | -181 | 15 | 4.3 | 684.8 | 6.9 | -68.2 | 1.007 NA | 12.65 | SN | | | | | Sample | ed For | r These | Parar | neters | | | | 008'6 | S S | 91 | 0.042 | 8.3 NS | 2 S | 0.033 | 388 | 0.17 0.8 | S S | SN SN | SZ Z | | | mpled For arameters | |
| | Monitoring event | BL4 | 3/11/2015 | -55 | 15 | 1.8 | 687.3 | 1.84 | 49.8 | 1.096 | 7.56 | 2.7 | را اے | 440 | 1.6 J | 2 2 2 | 2 2 2 | Q ε | 2 2 | 4.4 DN | S S | QN CN | 2 2 | 6.6 ND | Q | ' | • | | | | | | or Tho | oo Do | ramat | toro | • | | | |
| | Monitoring event | P1 | 6/12/2015 | 38 | | | NS (G | rab Sa | ample |) | | SN | 790 | 15,000 | 0 P | 2 9 9 | 2 2 2 | 99 | 99 | 06 D | 999 | 9 9 9 | 99 | 99 | 2 | | | | | INC | ot Sam | npled F | or rne: | se Pa | ramei | ers | | | | |
| | Monitoring event | P2 | 7/27/2015 | 83 | 15 | 2.29 | 8.989 | 6.33 | 13.4 | 3.454 | 15.9 | 1570 | 430 | 2,900 | 9.6 J | 380 | 950 ND | 99 | 16 J | S 원 | 9 9 8 | 200 | 99 | 98 ND | 39,000 | 9 Q | 91 | 22 S | 2 2 | ND 0.044 | 0.039 | >3,531.33 2650 | 4.6 | 15.2 | 131 | NS NS | 2 | | | |
| | Monitoring event | P3 | 1/7/2016 | 247 | 15 | 1.85 | 687.3 | 7.12 | -50.8 | 1.330 | 9.97 | 37.7B | 290 | 4,300 | 2 2 | 2 2 2 | 2 2 2 | ND 250 | 22 | 2 Q | 999 | 2 2 2 | 2 2 | 22 | 009'9 | 2 2 | 2,000 | 2.4 2.4 | 52 J ND | 0.14 | 0.082 | 154 734 B | 0.6 6.6 | 2 2 | S S | S S S | 2 | | | |
| A1-GP10-S | Monitoring event | P4 | 4/8/2016 | 339 | 15 | 3.65 | 685.5 | 6.75 | -33.6 | 1.791 | 19.36 | 303 | 140 | 29,000 | 72 | 2 2 2 | 999 | ND 6,700 | 99 | ND CN | 999 | 222 | 99 | Q Q | 180,000 | Q Q | 150 | 1.6 B | 0.66 J | ND 0.034 | ND 761 | 1040 | 0.35 HF 4.4 | 2 2 2 | S S | S S S | 2 | | | |
| | Monitoring event | P5 | 7/11/2016 | 433 | 15 | 3.65 | 685.5 | 6.75 | -33.6 | 1.791 | 19.36 | 303 | 140 | 29,000 | 22 ON | 2 2 2 | 2 2 2 | ND 6,700 | 99 | ND CN | 999 | 222 | 99 | Q Q | 180,000 | Q Q | 150 | 1.6 B | 0.66 J | ND 0.034 | ND 761 | | ö | S S S | SN SN | S S S | 2 | | | |
| | Monitoring event | P6 | 10/7/2016 | 521 | 15 | 3.65 | 685.5 | 6.75 | -33.6 | 1.791 | 19.36 | 303 | 140 | 29,000 | 72 | 2 2 2 | 2 2 2 | 00Z,8 | 99 | 22 | 999 | 2 2 2 | 99 | 99 | 180,000 | 9 9 | 150 | 1.6 B | 0.66 J | ND 0.034 | 2 6 | 1040 | 0.35 HF 4.4 | S S S | SN SN | SN SN | | | npled For arameters | |
| | Monitoring event | P7 | 1/23/2017 | 629 | 15 | 1.75 | 687.4 | 7.82 | -62.2 | 0.493 | 11.09 | 39.9 | 2 2 2 | 288 | 2 2 | 2 2 2 | 2 2 2 | ND 4,100 | 99 | 2 2 9 | 999 | 2 2 2 | 2 2 | 9 9 | ND 74,000 | 2 2 | Q | 1.5 | 11.5 ND | ND 0.036 | ND 252 | 111 H b 468 | 2.6 | S S S | S S | S S S | 2 | | | |
| | Monitoring event | P8 | 4/10/2017 | 706 | 15 | 3.65 | 685.5 | 6.75 | -33.6 | 1.791 | 19.36 | 303 | 140 | 1 28 | 22 CN | - - - | 999 | ON 6,700 | 99 | 22 | 222 | 299 | 99 | 22 | 180,000 | 2 2 | 150 | 1.6 B | 0.66 J | ND 0.034 | ND 761 | 1040 | 0.35 HF 4.4 | S S S | SN SN | S S S | 2 | | | |
| | Monitoring event | P9 | 7/6/2017 | 793 | 12 | 2.65 | 686.5 | 3.67 | -79 | 1.520 | 15.7 | 185 | | 9,600 | 8 9 9 | | 2 2 2 | 2 | 99 | | 999 | 2 2 2 | 2 2 | 99 | O 8 | 9 9 | 530 | G 5. | 2 2 | 0.077 | ND 218 | | 0 P P P P P P P P P P P P P P P P P P P | S S | SN SN | S S S | 2 | | | |
| | Monitoring event | P10 | 10/17/2017 | 896 | 15 | 3.65 | 685.5 | 6.75 | <u>ب</u> | 1.791 | 19.36 | 303 | | | | | 99 | | 99 | | | | 22 | Q Q | 9 | Q Q | 1 | 1.6 B | | | | 1040 | 0.35 HF 4.4 | | | 888 | | | | |
| | Monitoring event | P11 | 1/4/2018 | 975 | 15 | 2.16 | 6.989 | 9.6 | -124.5 | 0.459 NA | 9.75 | 16.5 | 30 5 | 200 | 5 5 | 2 2 | 2 2 2 | 3,300 | 99 | 2 2 9 | 999 | 2 2 2 | 2 2 | ₽ 8 | ND 52,000 | 9 9 | 2,300 | O.60 | 12.7 ND | ON 0.39 | 0.62 | 13.6 | 3.3 | NS NS | NS NS | 15.3 NS | 2 | | | |

| | | | | | | Well | | Field P | aramet | ers | | | | | | | , | VOCs | | | | | | Di | ssolved | Gasses | 5 | | | | Wet | Chemis | stry | | | | | a | Potentia | ıl (DNA) | |
|-----------|-------------------|-----|------------|---------------------------|---|----------------------------|------------|--|----------------------|-----------------------|--------|---|-----------------------|--|------------------|--------------------------------------|------------------|----------|---|-----------------------------------|--------------------------------------|-------------------------------------|-----------------------------------|-------------------------------|---------|-------------------|---------|--------------------------|--------------------|------------------------|----------------|------------------|----------------------|----------------------------|-------------------------------|----------------|-------------|-----------------------|----------|---------------------|-----------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total Depth Total Depth Water Level Measurement | L) Top of Casing Elevation | 됩 | Dissolved Oxygen Oxidation Reduction Potential | Specific Conductance | Turbidity Temperature | Ö, | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane | 1,1-Dichloro ethene 1,2-Dichloro ethane | 2-Butanone (MEK) | 4-metry1-z-pentanone Acetone Benzene | Carbon Disulfide | 5 5 5 | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Toluene trans-1.2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane | Ethene Methane | Nitrate | Manganese Ferric Iron | Suffate Suffide | Nitrite Phosphorous | Ammonia COD | ш | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid | | Dechloring Bacteri | ia S | | VC R-Dase |
| | | | | | (feet) | (ft. AMSL) | (rt. AMSL) | (mg/L) | (mS/cm) | (NTUs) | (mg/L) | | | | | | | (ug/L) | | | | | | | (na/c) | | | | | | | (mg/L) | | | | | | | (cells / | Î | |
| | Monitoring event | P12 | 4/10/2018 | 1071 | 15 49 | | _ | 5.64 | _ | AN 25 | 5 | 140 | 3,900 | 18 1 | 2 2 2 | 2 2 2 | ND 400 | ND ND ON | 98 | 99 | 999 | 2 2 2 | 260 ND | ND 80,000 | Q | ON 4.900 | | 3.5 | 7.7 ND | 0.1 | ND 503 B | L 4 | 3.5 | SN SN | | 1 1 | | | | | |
| | Monitoring event | P13 | 7/9/2018 | 1161 | 15 | 689.1 | 6.76 | 2.09 | 1.178 | 40.3 | 87.3 | 230 20 20 20 20 20 20 20 20 20 20 20 20 20 | ND 8.100 | 51 J | 2 2 2 | 2 2 2 | ND ND | ND ND | 9 9 | 99 | 999 | 9 9 | 320 R | OND 98,000 | 2 | QN 190 | 2 | 1.7 | 99 | | 304 B | NS 642 B | 0.098 | 8 8 | 8 8 | 8 8 | S S | | | | |
| | Monitoring event | P14 | 10/19/2018 | 1263 | 15 | 689.1 | 6.81 | 3.08 | 0.955 | 8.02 | 18.9 | ₽ Q | ND 1,200 | 22 | 2 2 2 | 2 2 2 | ND 02.6 | QN QN | Q Q | ND 74 J | 222 | 2 2 2 | 99 | 95,000 | Q | ND 250 | | 0.80 B 5.6 | 23.6 ND | 0.0073 JB | 115 D | 57.6 417 | ND 5.6 | SN SN | SN SN | S S | S S | | | | |
| | Monitoring event | P15 | 1/4/2019 | 1340 | 15 | 689.1 | 9.6 | 5.42 | 0.459 | 17.7 | 12.7 | 130 | ND 4.400 | . P □ | 2 2 2 | 2 2 2 | ON O | ON ON | 2 2 | 99 | 999 | 2 2 2 | £ 26 € | ND 120,000 | Ð | ON 4.800 | | | 2.1 J | 0.42 0. | 48.2 | 34.2 Hb 397 B | ₽ s | 8 8 | | | | | | | |
| | Monitoring event | P16 | 4/15/2019 | 1441 | 15 | 689.1 | 6.29 | 5.29 | 0.712 | 11.45 | 33 | 2 2 | ND 1.200 | 22 | 2 2 2 | 2 2 2 | ND 9300 F | ND QN | Q Q | 22 | 999 | 2 2 2 | 2 2 | ND 72,000 | Q | ND 5300 | QN | 0.51 B 1.7 | | NS ND | | | | SN SN | SN SN | SN | SN SN | | | | |
| | Monitoring event | P17 | 7/22/2019 | 1539 | 15 | 689.1 | 6.12 | 3.17 | 2.030 | 774.86 | 350 | 006 Q | ND 14,000 | 130 J 78 J | 2 2 2 | 2 2 2 | | 9 9 | 9 9 | 99 | 999 | 2 2 2 | 22 | ND 310,000 | 9 | Q 240 | 0.020 J | 1.7 B 13.6 | 99 | 99 | 9 9 | | 13.6 | 1 1 | SN SN | | | | | | |
| | Monitoring event | P18 | 10/14/2019 | 1623 | 1.68 | 689.1 | 6.02 | 3.11 | 1.648 | 20.17 | 529 | | | 310 J ND | 2 2 2 | 2 2 2 | ND 47000 F | ND ND ND | Q Q | 22 | ND F1* | 2 2 2 | 99 | _ | | ND 2.600 | | | 9 9 | 0.049 J NS | 0.041 F1 NS | NS 749 | 0.096 J HF 34.4 | SN SN | SN SN | NS | 149.0 NS | | | | |
| A1-GP10-S | Monitoring event | P19 | 1/7/2020 | 1708 | 109 | 689.1 | 6.65 | 3.42 | 1.770 | 57 | 307 | 08/ Q | ND 20.000 | 480 J ND | 2 2 2 | 2 2 2 | ND 24 000 | 1 - - | Q Q | 99 | 999 | 2 2 2 | 99 | ND 240,000 | Ð | ON 5.000 | | | 99 | | | NS 635 | ND HF 9.8 | SN SN | SN SN | S S | S S | The | | oled For ameters | |
| | Monitoring event | P20 | 4/13/2020 | 1805 | 15 | 689.1 | 6.92 | 10.5 | 1.748 | 26 | 180 | 250 | ND 15,000 | 440 | 2 2 2 | 2 2 2 | 19 000 | | Q Q | 22 | 999 | 2 2 2 | 2 2 | ND 120,000 | Q | ND 4.500 | 0.034J | 3.7 | Q Q | | 2 | 5 | ш | s s | S S | NS S | 146.0 NS | | | | |
| | Monitoring event | P21 | 10/13/2020 | 1988 | 3.38 | 689.1 | 6.27 | 2.31 | 1.220 | 25.3 | 284 | 1,300 | ND 15,000 | 270 ND | 2 2 2 | 2 2 2 | ND 22 000 | ND QN | 170J ND | 22 | 999 | 2 2 2 | 99 | ND 130,000 | | ND 000 | 2 | 1.80 | 8.5J | Q S | 0.038B NS | NS 774 | ND HF 41 | s s | | | | | | | |
| | Monitoring event | P22 | 4/1/2021 | 2158 | 151 | 689.1 | 6.65 | 8.7 | 0.846 | 16 | 71.1 | 490 | 3.700 | 200 ND | 222 | 2 2 2 | ND ND | ON ON | Q Q | 99 | 999 | 2 2 2 | 99 | 93,000 | | ND 7.600 | 0.12 | 2.4B 4.9 | 99 | | | | ND HF 4.9 | S S | SN SN | NS | 165.0 NS | | | | |
| | Monitoring event | P23 | 10/27/2021 | 2367 | 15 | 689.1 | 6.85 | 4.99 | 0.001 | 60.9 | 41.6 | 2 2 | 000 1,000 | 22 | 2 2 2 | 2 2 2 | ND S | ON ON | Q Q | 99 | 999 | 2 2 2 | 99 | ND 120,000 | | 10.000 | QN Q | NS 12.5 | 2.2 ND | S S | SN SN | NS 563 | 0.23 HF 12.7 | S S | | | | | | | |
| | Monitoring event | P24 | 4/8/2022 | 2530 | 15 | 689.1 | 6.72 | 3.3 | 1.905 | 50.02 | | | ND 2.000 | 99 | 2 2 2 | 2 2 2 | | 2 | Q Q | | 2 2 2 | 2 2 2 | 2 2 | ND 84,000 | | 1,300 | | NS 51.2 | 1.9 J | NS | SN SN | | ш | SN SN | SN SN | SN S | SN SN | | | | |
| | Monitoring event | P25 | 10/10/2022 | 2715 | 15 | 689.1 | 6.50 | 1.20 | 1.710 | 14.0 | 9.06 | 2 2 | ND 230 J | 99 | 2 2 2 | 2 2 2 | | 9 9 | Q Q | 99 | 9 9 9 | 2 2 2 | 99 | 140,000 | | 26 J | 2 | 9.5 | 0.4 ND | NSN | S S | NS 629 | ND HF 9.5 | S S | SN SN | SN | SN SN | | | | |
| | Monitoring event | P26 | 4/11/2023 | 2898 | 15 | 689.1 | 7.11 | 5.18 | 1.063 | 11.8 | 70.07 | 2 2 | ND 460 | 99 | 2 2 2 | 2 2 2 | QN o | ON ON | 9 9 | 99 | 999 | 99 | 99 | ON 87,000 | | 10.000 | 0.025 J | SN SN | 1.6 J | NS NS | SN SN | NS 487 | ND HF | SN SN | SN SN | SN | S S | | | | |

| | | | | | | Well | | Fie | ld Para | meters | s | | | | | | | | VOCs | ; | | | | | | D | issolve | d Gasse | 98 | | | | Wet Che | mistry | | | | | Q Pote | ential (DNA) | |
|-----------|--------------------|-----|------------|---------------------------|---------------------------------------|-----------------------------|----------|------------------|----------|-----------------------------------|-------------|-----------------------|---------------------------------------|-----------------------|--------------------|--------------------------------|---------------------------------|-----------------------------|--|------------------------|---|---|-------------------------------------|----------------------------------|--------------------------------|----------------------------------|---------|----------------|---------|--------------------------|--------------------|-----------------------------------|---------|-------------------------------|---------------------|----------------------------|--|-----|---|-----------------------------------|-----------|
| Well ID | Event Descripti | | Date | Elapsed Time (Days) | Total Depth Water I avai Measurement | SL) Top of Casing Elevation | | | ŏ | m) Specific Conductance Turbidity | Temperature | Carbon, Total Organic | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethene | 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloro | Cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dloxide | ũ | Ethene Methane | Nitrate | Manganese Ferric Iron | Suffate Suffide | Nitrite Phosphorous Ammonia | ОШ | Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid | n-sutyric Acid Propionic Acid Chloride | Bac | rinating teria (1) dds sapiococcordes (1) | TCE R-Dase (1) BAVI VC R-Dase (1) | VC R-Dase |
| | | | | | (feet) | (ft. AMSL) | | (SU) (mg/L) | | | (°) | E) | | | | | | | (ng/L) | | | | | | | | | (ng/c) | | | | | (mg/L) | | | | | | | (cells / | |
| | Monitoring event | BL1 | 6/21/2010 | -1779 | 5 5 | | | 1.3 | -59.5 | 1.040 | 17.4 | | 9 | 2 2 | 2 2 2 | - - - | - | 5.1 5 | 99 | 99 | 28 | 99 | 99 | ₽ 13.1 | <u>5</u> 8 € | 2 | | | | | | | | | | | | | | | |
| | Monitoring event | BL2 | 8/3/2010 | -1736 | 15 | 3.08 | 686.4 | 6.95 | -125 | 1.377 | 22.05 | 8 2 | 2 2 | | 2 2 2 | 2 2 | ND 5.2 J | 5.5 ND | 0.62 J ND | 0.74 J 0.88 J | | 2 2 | 9 9 | | | 2 | | | | | | | | | | | | | | | |
| | Monitoring event | P1 | 10/17/2017 | 896 | 15 | 2.61 689.4 | 686.8 | 7.26 | -229 | 0.900 | 16.4 | 6.3 B | 2 2 | N c | S S | 2 2 | 9 9 | 1.9 ON | | 3.2 | 22 | 밀밀 | 2 2 | 0.87 J | 0.70 7.9 | Q. | | | | | | | | | | | | | | | |
| | Monitoring event | P2 | 1/4/2018 | 975 | 15 | 2.95 | 686.5 | 10.01 | -148.9 | 0.464 | 9.11 | 4.8 B | | | 2 2 2 | 2 2 | S 55 | 1.5 0.26 J | 99 | 99 | 2 2 | 99 | 99 | | 5 N 6.4 | | | | | | | | | | | | | | | | |
| | Monitoring event | P3 | 4/10/2018 | 1071 | 15 | 0.82 | | § § | | ₹ ₹ | | 5.1 | 9 9 | 2 2 | واوا | 22 | 9 9 | 9 9 | 22 | 99 | Q Q | 99 | 일 일 | 22 | 2 2 2 | Q. | | | | | | | | | | | | | | | |
| | Monitoring event | P4 | 7/9/2018 | 1161 | | 5.3 | | 3.44 | | 0.793 | 19.99 | 4.9 B | 2 2 | QN 8 | | Q 7 | 2 P | 09. QN | DN D | 22 | Q Q | Q Q | 2 2 | 99 | 5 N 5 | Q. | | | | | | | | | | | | | | | |
| | Monitoring event | P5 | 10/23/2018 | 1267 | 15 | | | 1.38 | 52.8 | 0.537 | . 0 | | | ON - | 2 2 2 | 22 | ₽ 2 2 | .72 J O | 9 9 | 99 | 9 9 | ND .51 J | 99 | 99 | Q Q 0 | 2 | | | | | | | | | | | | | | | |
| | Monitoring event | P6 | 1/2/2019 | 1338 | | 689.4 | | 7.84 | | | 9.3 | 6:1 | 2 2 | ND 44 | | 2 2 | 99 | 9 Q | 99 | 99 | Q Q | | 9 9 | 99 | 2 2 2 | Q. | | | | | | | | | | | | | | | |
| | Monitoring event | P7 | 4/15/2019 | 1441 | | 7.63 689.4 | | 5.27 | 217.9 | | 7.70 | | 2 2 | ND - | | 2 2 | 22 | 2 2 | 222 | 22 | Q Q | | 9 9 | 22 | 1. N S | Q | | | | | | | | | | | | | | | |
| A1-GP14-S | Monitoring | P8 | 7/23/2019 | 1540 | | 2.83 689.4 6 | | 3.86 | | 0.754 0 | _ | 3.6 | | | ± 2 2 | | | | | | 9 9 | | | | 5 B 5. | | | | | | | Not \$ | Sample | d For | These | Param | neters | | | | |
| | event Monitoring | P9 | 10/15/2019 | 1624 | 15 | - | _ | 7.25 8 | -65.1 12 | | 13.90 18 | 5.6 | | - | | | ON 1 6.7 J | 2 5 0 0 0 0 0 0 | | | Q Q | | | | | Q | | | | | | | | | | | | | | | |
| | event Monitoring | P10 | 1/7/2020 | 1708 | | 2.3 2 689.4 68 | | 7.4 7. | | | 7.8 13 | | 2 2 | 9 - | 99 | 99 | 6 9 6 | 990 0.1 | 0.91 J | | | | | | 5.3 ND 5.3 | | | | | | | | | | | | | | | | |
| | Monitoring event | P11 | 4/13/2020 | 1805 | | 1.// 689.4 68 | 687.6 68 | 7.31 | 6.6 4 | 30 0 1 | 0 0 | | 2 2 | 2 2 | 2 2 2 | 2 2 | 99 | 2.1 ND 0. | 99 | 99 | 22 | 99 | 99 | 99 | 2 2 2 | 2 | | | | | | | | | | | | | | | |
| | Monitoring | P12 | 10/8/2020 | 1983 | | 689.4 6 | | 1.06 | | 53 | 17.2 1 | | | 9 9 | 2 2 2 | 99 | 5 4 | .6. D | 747. ND | 99 | 9 9 | 9 9 | 9 9 | 99 | 5 N S | 9 | | | | | | | | | | | | | | | |
| | Monitoring | P13 | 4/1/2021 | 2158 | 5 3 | | | 7.16 7 | | | 9.08 | | 2 2 | 99 | 2 2 2 | | N 0.4.0 | | 99 | 99 | | 2.7 | 99 | 99 | 8 2 S | _ | | | | | | | | | | | | | | | |
| | Monitoring | P14 | 10/25/2021 | 2365 | 15 | | | 7.42 7 6.75 9 | | 0.790 0.7 | 0 | 7.6 | | 99 | 999 | - | | - | 99 | | 99 | | | 99 | 999 | | | | | | | | | | | | | | | | |
| | Monitoring | P15 | 4/12/2022 | 2534 | 15 | _ | | 7.43 7 | | 0.524 0. | | | | | 999 | 99 | 99 | 27 | | | 99 | | | | 222 | | | | | | | | | | | | | | | | |
| | Monitoring | P16 | 10/10/2022 | 2715 | | 1.89 1 | | 7.16 7 0.38 7 | -79.4 -6 | 0.580 0. | 9 6 | | | | 999 | 99 | 99 | 99 | 22 | | | | | | 999 | | | | | | | | | | | | | | | | |
| | Monitoring | P17 | 4/11/2023 | 2898 | | 2./ 7 | | 7.46 7 | -12.6 -7 | 0.322 0. | | | _ | | 2 2 2 | | - | \vdash | - | | - | | - | \vdash | 2 2 2 | \perp | | | | | | | | | | | | | | | |
| | event | | | | 1, 1 | 7 89 | 88 | 7. | 7 | 0 7 | - = | m 2 | - - | | - - - | 121" | 121 | | 2 2 | | | 22 | 2 2 | | - - - | - | | | | | | | | | | | | | | | |

| | | | | | | Well | | F | ield Pa | ırametei | s | | VOCs Dissolved Gasses | Wet Chemistry | Q Po | otential (DNA) | | | | | | | | | | | |
|-----------|-----------------------|--------|-----------|---------------------------|-----|--------------|-------|-----------------------|---------|-------------------------|------------|--------------------------|---|--|---|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Well ID | Event / Descriptio | | Date | Elapsed Time (Days) | | Top of Casir | |) pH Dissolved Oxygen | | m) Specific Conductance | — <u> </u> | L) Carbon, Total Organic | 1.1-Distillor contrains 1.1-Distillor contrains 2-Newamone 2-Newamone 2-Newamone 2-Newamone 2-Newamone 2-Newamone 2-Newamone Activate Activate Carbon Disulfide Carbon Disulfide Carbon Disulfide Carbon Disulfide Carbon Disulfide Carbon Disulfide Dichlorociflumorenthane Chilorociflumorenthane Carbon Dioxide Ethane Managenee Carbon Dioxide Ethane Managenee Ferric icon Narate Managenee Ferric icon Sulfate Sulfate Sulfate | Nitrite Phrosphorous Ammonia COD BOD I, Bod Ferrous fron Ironal Akalinity Ferrous fron Latic Add Latic Add Latic Add Latic Add Chloride Pyruvic Acid Pyruvic Acid | Dechlorinatir Bacteria Departococcoldes spb (1) | TCE R.Dase (1) BAVI VC R.Dase (1) | | | | | | | | | | | |
| | | | | | _ | (ft. ATOC) | | (SU) | | - | (NTUS) | | | B. | | 18) TE | | | | | | | | | | | |
| | event | BL1 6 | 5/17/2010 | -1783 | 15 | | 687.2 | 98.98 | _ | | 12.9 | | | | | | | | | | | | | | | | |
| | event | BL3 8 | 8/2/2010 | -1737 | | 4.2 | 683.5 | 6.97 | -21.2 | | 20.7 | | 5 | | | | | | | | | | | | | | |
| | event | BL4 3 | /11/2015 | -55 | 12 | - 4 | 686.5 | 6.85 | | | 6.37 | 2.2 | Not Sampled For These Parameters | | | | | | | | | | | | | | |
| | Monitoring event | P1 7 | /29/2015 | 85 | 15 | 3.2 | 684.5 | 7.61 | | | 22 | 3.6 B | 5 | | | | | | | | | | | | | | |
| | Monitoring event | P2 4 | 4/8/2016 | 339 | 15 | 0.1 | | 7.14 | 3.5 | | 8.46 | 2.9 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P3 7 | /11/2016 | 433 | 5 5 | 6.11 | | 7.3 | 14.2 | | 18.69 | 3.4 | 5 6 5 | | | | | | | | | | | | | | |
| | Monitoring event | P4 1 | 0/7/2016 | 521 | 12 | 11 | 676.7 | 3.2 | 139 | 0.675 | 15.5 | 2.7 | | 10 | | | | | | | | | | | | | |
| | Monitoring event | P5 1 | /23/2017 | 629 | 12 | NA 687.7 | ΑĀ | 9.66 | 75.2 | 0.687 | 9.6 | 5.2 | | | | | | | | | | | | | | | |
| | Monitoring event | P6 4 | /12/2017 | 708 | 15 | 0.35 | 687.3 | 7.48 | 50.6 | 0.494 | 11.4 | 3.2 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P7 7 | 7/6/2017 | 793 | 15 | 4.35 | 683.3 | 7.64 | -61 | | 17.5 | 2.2 | | | | | | | | | | | | | | | |
| A1-GP15-S | Monitoring event | P8 10 | 0/17/2017 | 896 | 15 | 6.4 | 681.3 | 3.95 | -220 | | 13.3 | 3.4 | 2 | Not Sampled For These Parameters | | | | | | | | | | | | | |
| | Monitoring event | P9 1 | 1/2/2018 | 973 | 12 | | ¥ | | | | | | (well could not be located under snow) | | | | | | | | | | | | | | |
| | Monitoring event | P10 4 | /10/2018 | 1071 | 12 | h | 685.4 | 7.2 | 51.8 | 0.318 | 7.7 | 4.7 | 2 | State Stat | | | | | | | | | | | | | |
| | Monitoring event | P11 7 | 7/9/2018 | 1161 | 15 | 4.25 | | 7.15 | -92.8 | | 15.6 | 2.3 | | | | | | | | | | | | | | | |
| | Monitoring event | P12 10 | 0/22/2018 | 1266 | | 8.66 | | 7.62 | | | 38.2 | 2.9 | | | | | | | | | | | | | | | |
| | Monitoring | P13 1 | 1/2/2019 | 1338 | | 9.0 | | 7.13 | _ | | ω | | 2 | | | | | | | | | | | | | | |
| | | P14 4 | /15/2019 | 1441 | 15 | 0.7 | 687.0 | 6.82 | | 12 | 7.16 | 7.3 | 2 | | | | | | | | | | | | | | |
| | Manitoring | P15 7 | /25/2019 | 1542 | | 4 687.7 6 | | 7.5 | | | 16.1 | 1.9 | 2 | | | | | | | | | | | | | | |
| | Monitoring | P16 10 | 0/14/2019 | 1623 | 15 | 5 687.7 6 | | 7.06 | | | 13.7 | | | Q | | | | | | | | | | | | | |
| | Monitoring | P17 1 | 1/7/2020 | 1708 | 15 | | | 7.5 7 | _ | 0.682 0. | | | 2 | Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q | | | | | | | | | | | | | |
| | event | | | | ĽĽ. | - % | 1 % | ي | ري ا | 0 | | 14 | | | | | | | | | | | | | | | |

| | | | | | Well | | | Field Pa | aramet | ers | | | | | | | | V | OCs | | | | | | | Diss | olved C | Sasses | | | | | Wet C | hemist | try | | | | Q Po | tential (| DNA) | |
|-----------|------------------------|------------|---------------------------|-------------|---|-------------|------|--|----------------------|-----------|-----------------------|-----------------------|-----------------------|--|----------------------------------|---------------------------------------|--------------------|----------------------------------|-----------------------------|---|-----------------------------------|--------------------------------------|-------------------|-------------------------------------|-----------------------------------|----------------|---------|---------|----------------------|------------------------|---------|-------------|-------|------------------|----------------------|----------------------------|-------------------------------|----------------------------|-------------------------|---------------|--------------------|-----------|
| Well ID | Event / Description | Date | Elapsed Time (Days) | Total Depth | Water Level Measurement Top of Casing Elevation | Head Eleval | Н | Dissolved Oxygen Oxidation Reduction Potential | Specific Conductance | Turbidity | Carbon, Total Organic | 1,1,1-Trichloroethane | 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 Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Carbon Dioxide | Ethane | Methane | Nitrate Manganese | Ferric Iron Sulfate | Suffide | Phosphorous | COD | Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride | Dehalococcoides spp (1) | TCER-Dase (1) | BAV1 VC R-Dase (1) | VC R-Dase |
| | | | | (feet) | (ft. ATOC) | | (SU) | (mg/L) | (mS/cm) | (NTUs) | (mg/L) | | | | | | | | (ug/L) | | | | | | | | (ug/L) | | | | | | | (mg/L) | | | | | | (cells / | | |
| | Monitoring event P18 | 4/13/2020 | 1805 | 15 | 7 2 2 2 | 0.789 | 6.89 | 2.51 | 0.670 | ¥ K | 3.6 | 2 2 | 2 2 | 9 9 | 99 | 2 2 | 2 2 2 | 99 | 99 | 99 | 99 | 99 | 2 2 | 2 2 5 | 2 2 2 | 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P19 | 10/8/2020 | 1983 | 15 | 11.31 | | 7.02 | 10.4 | 10 | | 3.2 | 2 2 | 2 2 | 9 9 | 9 9 | 9 9 | 2 2 2 | 99 | 9 9 | 99 | 99 | 99 | 2 2 | 2 2 9 | 2 2 2 | 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P20 | 4/1/2021 | 2158 | 15 | 0.2 | | 7.44 | 5.4 | | 19.4 | 3.0 | 2 2 | 2 2 | 0.52J ND | 9 9 | 2 2 | 2 P | 9 9 | 2 2 | 2 2 | 22 | 2 2 | 2 2 | | 2 2 2 | 2 | | | | | | | | | | | | | | | | |
| A1-GP15-S | Monitoring event P21 | 10/20/2021 | 2360 | 15 | 0.98 | | 7.17 | 2.3 | 9.0 | | 3.0 | 2 2 | 2 2 | 9 9 | 9 9 | 2 2 | 2 2 | 9 9 | 9 9 | 9 9 | 22 | 2 2 | 2 2 | | 2.4 | Ž | | | | | | Not | Samp | led Fo | or The | ese Pa | arame | eters | | | | |
| | Monitoring event P22 | 4/11/2022 | 2533 | 15 | 0.52 | 687.2 | 7.16 | 0.35 | 0 | - , | 3.2 | 2 | 2 2 | 9 | 99 | 2 2 | 3.8 J | 2 2 | 9 9 | 9 9 | 22 | 2 2 | 2 2 | 2 2 5 | 2 2 2 | ₹ | | | | | | | | | | | | | | | | |
| | Monitoring event P23 | 10/6/2022 | 2711 | | 2.27 | | 6.99 | 0.92 | 101 | 52.3 | 2 2 | 2 2 | 9 | 9 9 | 9 9 | 2 2 | 2 2 | 9 9 | 9 9 | 9 9 | 22 | 99 | 9 9 | 2 2 2 | 2 2 2 | Ž | | | | | | | | | | | | | | | | |
| | Monitoring event P24 | 4/11/2023 | 2898 | 12 | 1.1 | 9.989 | 7.3 | 3.74 | 0.718 | 20.4 | 2.7 | 2 2 | 2 2 | 99 | 99 | 9 9 | 99 | 99 | 99 | 99 | 99 | 99 | 2 2 | 2 2 9 | 2 2 2 | 2 | | | | | | | | | | | | | | | | |

| | | | | | Well | | Field | Param | eters | | | | | | | | voc | s | | | | | | Di | ssolved | Gasses | s | | | w | et Chem | istry | | | | QP | otential (I | ONA) |
|-----------|------------------------|------------|---------------------------|--------|-------------|----------------|------------------|------------|--------|-----------------------|-----------------------|--|--------------------|----------------------------------|--|--|--------|--------------------------------------|---|---|-------------------------------------|-------------------------------------|------------------------------------|----------------------------------|---------|-------------------|---------|-------------------------------------|--------------------|------------------------|-----------------------------|----------------------|----------------------------|---|---|-------------------------|-----------------|------------------------------|
| Well ID | Event / Description | Date | Elapsed Time (Days) | | | Head Elevation | Dissolved Oxygen | | | Carbon, Total Organic | 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 | 5 5 5 | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichlor oethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane | Ethene Methane | Nitrate | Manganese Ferric iron Sulfate | Sulfide Nitrite | Phosphorous Ammonia | Э Ш Г | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid Propionic Acid | | Dehalococcoides spp (1) | TCER-Dase (1) | BAVI VC R-Dase (1) VC R-Dase |
| | | | | (feet) | (ft. ATOC) | (ft. AMSL) | (mg/L) | (mS/cm) | (NTUs) | ("C) | | | | | | | (ug/L) | | | | | | | | (nat) | } | | | | | (mg/L) | | | | | | (cells / mL) | |
| | Monitoring event BL1 | 6/17/2010 | -1783 | 15 | 3 689.9 | 686.9 | 6.63 | -39.4 | | 12.84 NS | QN | 2 2 2 | 2 2 | | 2 2 | 222 | 2 2 2 | UND 19 | QN QN | Q Q | Q Q | ND | 9 Q | ND | | | | | | | | | | | | | | |
| | Monitoring BL2 | 8/2/2010 | -1737 | 12 | 5.55 | 684.3 | 0.97 | -52.2 | 28.2 | 20.52 NS | 2 | 2 2 2 | 2 | | 2 2 | | 2 2 2 | Q 69 | Q Q | 2 2 | 22 | Q Q | ND 5 J | 2 | | | | | | | | | | | | | | |
| | Monitoring P1 | 10/17/2017 | 896 | 15 | 4.17 | 685.7 | 0.29 | -302 | 14.3 | 12.8 11.7 B | 2 | ₩ ₩ 1.77.0 | 2 9 | 2 2 9 | 2 2 | 2 2 2 | 2 2 2 | 9 ₽ ₽ | 9 9 | 99 | 99 | ND 0.64 J | UN 4:1 | 2 | | | | | | | | | | | | | | |
| | Monitoring event P2 | 1/2/2018 | 973 | 12 | - 6 | ≨ | | | | , | | Not Sar | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Monitoring event P3 | 4/9/2018 | 1070 | 12 | NA 689.9 | ¥ × | ₹ | ₹ ₹ | . ₹ | 17.2 B | 2 | 2 2 2 | 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 | Q Q | 22 | 9 9 | Q Q | 2 Q | Q. | | | | | | | | | | | | | | |
| | Monitoring event P4 | 7/10/2018 | 1162 | 15 | 6.35 | 683.5 | 0.97 | 1.101 | 48.2 | 9.8 | | 2 | 2 9 | 2 2 9 | 2 2 | E 8 8 | 999 | ₽ 2 2 2 2 | 9 9 | 99 | 99 | 9 9 | 3.0 B | 9 | | | | | | | | | | | | | | |
| | Monitoring event P5 | 10/2/2018 | 1246 | | 4.37 | 685.5 | | -5.6 | | 13.8 | 2 | ON ON ON | | 2 2 2 | 2 2 | 2505 | 2 2 2 | 2 P E | Q Q | ND 2.5 | 99 | Q Q | 2 2 | Q. | | | | | | | | | | | | | | |
| | Monitoring event P6 | 1/3/2019 | 1339 | | 2.8 | 687.1 | | -28.2 | | 6.8 | | 999 | | | | 999 | | _ | 99 | 99 | 99 | 99 | 99 | 9 | | | | | | | | | | | | | | |
| | Monitoring event P7 | 4/17/2019 | 1443 | 14.28 | 2.81 | 1.789 | | 42.8 | | 19.8 | Q. | 2 2 2 | 2 2 | 2 2 5 | 2 2 | 222 | 2 2 2 | US 1.9.1 | Q Q | 9 9 | 99 | Q Q | 22 | Q Q | | | | | | | | | | | | | | |
| A1-GP16-S | Monitoring event P8 | 7/26/2019 | 1543 | | 6.04 | 683.8 | 9.03 | 0.978 | | 9.3 ND | Q. | 2 2 2 | 2 9 | 2 2 5 | 2 2 | 2 2 2 | 2 2 2 | | | | 99 | 9 Q | 9 9 | Q | | | | | | Not Sa | mpled | For The | ese Pai | rameter | s | | | |
| | Monitoring event P9 | 10/15/2019 | 1624 | | 3.7 | 686.2 | 0.18 | 44.5 | _ | 13.4 | 2 | 999 | 2 9 | 2 2 9 | 2 2 ! | 222 | 2 2 2 | 2 2 2 | 99 | 99 | 99 | | 99 | 9 | | | | | | | | | | | | | | |
| | Monitoring event P10 | 1/7/2020 | 1708 | 12 | 2.74 | 6.96 | | 42.9 | 9.11 | 5.9 | | 2 2 2 | 2 9 | 2 2 5 | 2 2 | 2 2 2 | 2 2 2 | 2 2 | Q Q | 22 | 22 | Q Q | 22 | 2 | | | | | | | | | | | | | | |
| | Monitoring event P11 | 4/15/2020 | 1807 | | 2.79 | 687.1 | 1.18 | 1.049 | 28.4 | 28.8 | 2 | 2 2 2 | 2 | 2 2 2 | 2 2 | 2 2 2 | | | | | | | 22 | | | | | | | | | | | | | | | |
| | Monitoring event P12 | 10/8/2020 | 1983 | 12 | 5 | 684.9 | 0.88 | -66.7 | 44.2 | 13.1 | 2 | 2 2 2 | 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | S S 5 | Q Q | 9 9 | 22 | Q Q | 2 2 | Q. | | | | | | | | | | | | | | |
| | Monitoring event P13 | 4/1/2021 | 2158 | | 2.77 | 687.1 | | 36.5 | 5.21 | 21.3 | _ | | | _ | _ | | | | | | _ | | | | | | | | | | | | | | | | | |
| | Monitoring event P14 | 10/25/2021 | 2365 | | 2.65 | 687.3 | | -50.6 | | 13.1 | | | | | _ | 2 2 2 | | | | | | | | | | | | | | | | | | | | | | |
| | Monitoring event P15 | 4/11/2022 | 2533 | 12 | | 1 687.2 | | -62.9 | 17.2 | 19.7 | _ | 2 2 2 | - | _ | _ | | _ | | | | _ | | 2 2 | | | | | | | | | | | | | | | |
| | Monitoring event P16 | 10/5/2022 | 2710 | | 3.49 | 6 78 | | -1.1 | | 14.3 | į | 999 | | 2 2 9 | 22 | 222 | 999 | | 99 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event P17 | 4/6/2023 | 2893 | 12 | 2.7 | 687.2 | 0.18 | 6.6- | 61.8 | 23.2 | 2 | 999 | | | | 2 2 2 | 999 | 2 2 | 99 | 99 | 99 | 99 | 99 | 2 | | | | | | | | | | | | | | |

| | | | | | Well | | Field P | aramet | ers | | | | | | | | VOCs | | | | | | | Dis | solved (| Gasses | | | | | Wet Ch | emistry | | | | | QP | otential (DN | NA) |
|-----------|------------------------|--------------------------|---------------------------|---------------|-------|---------------------------|--|------------------------------|-----------------------------------|------------------------------|---|-----------------------|--------------------|--------------------------------|---------------------------------|-----------------------------|-------------------|------------------------|---|---|----------------------------------|-------------------------------------|-----------------------------------|----------------------------------|----------------------|--|--------------|------------------------|-----------|------------------------|---------------|--------------------------------------|---------------------|----------------------------|--|----------|-------------------------|---------------------|------------------------------|
| Well ID | Event / Description | n Date | Elapsec Time (Days) | asn | | (ft. AMSL) Treat Levanori | (mg/L) Dissolved Oxygen (mV) Oxidation Reduction Potential | (mS/cm) Specific Conductance | (NTUs) Turbidity (*C) Temperature | (mg/L) Carbon, Total Organic | 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethene | 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | (ug/L) Chloroform | cis-1,2-Dichloroethene | Dichlorodinuorometriane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane (ug/L) Frhone | | Nitrate | Ferric Iron Sulfate | Suffide | Phosphorous Ammonia | O m | (mg/L) Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid | n-Butyric Acid Propionic Acid Chloride | Acid | Dehalococcoides spp (1) | Function | BAVI VC R-Dase (1) VC R-Dase |
| | | | | $\overline{}$ | | | | | 2 | 1 5 | | | | | | | 2 | | | | | | | | = | | | | | | | 5 | | | | <u> </u> | | <u> </u> | |
| | Monitoring event E | BL1 6/18/201 | -1782 | 18 14 7 | 690.4 | 6.95 | 6.28 | 0.737 | 30 | SN | 9 9 | 22 | 22 | 99 | 99 | 999 | 222 | 2 2 2 | 2 2 9 | 2 2 2 | 99 | 99 | 99 | 2 | | | | | | Not S | Sampl | ed For | These | Parar | meters | | | | |
| | Monitoring event | BL2 8/2/2010 | -1737 | 15 | 690.4 | 7.12 | 3.36 | 0.677 | 5.1 | | 2 2 | 22 | 22 | 2 2 | 2 2 | 999 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 99 | 2 | | | | | | | Ċ | | | | | | | | |
| | Monitoring event | 3L3 11/5/201 | 4 -181 | 18 | 690.4 | 7.3 | 3.11 | 0.587 | NS 12.36 | NS | | | | N | ot Sam | pled Fo | or The | se Pai | ramet | ers | | | | 8,200 | S 5 | 260 260 | ND 2.3 | 121 | SN ON | 0.65 0.18 B | 2 2 | 359 B ND HF | 121 NS | S S | S S S | SS | | Sampled e Parame | |
| | Monitoring event | 3/11/201 | 5 -55 | 18 | _ | | 1.93 | 0.699 | 11 | 1.0 | 2 2 | 9 9 | 2 2 | 9 9 | 2 2 | 222 | | 2 2 2 | 2 2 2 | 2 2 2 | 99 | 9 9 | 99 | | | | | | | | | ed For | | | | | | | |
| | Manitoring | P1 7/27/201 | 5 83 | 18 | | | 0.89 | | 22.9 | 829 B | 2 2 | 99 | 22 | 130 N | ND 140 | | | 2 m 2 | | 2 2 2 | 22 | | 99 | 17,000 | Q S | 250 520 | ND 0.83 | 7.8 ND | S S | 1.2 | 2440 | 2.1 | 329 | S S | 111 NS | S S | | | |
| | Monitoring | P2 1/7/2016 | 247 | 18 | | | NA 48.2 | 1,, | A 24 | 1 82 | 2 2 | | 22 | | | | | - | ++ | | + | | | | | UN 1,800 | | | 99 | | | 775 B 1 | 2 4S | လို လို | S S S | Š | | | |
| | event | P3 4/8/2016 | | | | | 1.41 | - | 23 28 28 8 | , . | | | Q Q | | | | | | | + | | + | 22 | | | 1,100 1,1 | ND 7 | 1 1 | 1 1 | 0.41 0.0 | | 1. 1 | | | SN SN SN | | | | |
| | event | F3 4/6/2010 | 339 | | | | | , | 88 | | | | | | | | | - | ++ | | + | | | | | | 1 1 | m Z | ZZ | 0 Z | B 14 | 99 Z | | | | | | | |
| A1-GP18-S | Monitoring event | P4 7/8/2016 | 430 | 18 | 690.4 | 883.3 ₹ | 1.47 | 1.05 | >1000 | 20.5 | 2 2 | 99 | 22 | 8 8 | P E | 222 | 2 2 2 | 2 2 2 | 22 | 222 | 22 | 22 | 22 | 99 | | 910 100 100 100 100 100 100 100 100 100 | ON 0.39 | 19.3 ON | 22 | 2.0 6 | 41.7 | 0 (| 19.4 NS | 88 | 888 | S | | | |
| | Monitoring event | P5 10/7/201 | 521 | 8 6 | 690.4 | 7.05 | 6.46 | 1.414 | 69 | 8.9 | 2 2 | 2 2 | 2 2 | ND 4.2 J | ND 5.3 J | 222 | | 2 2 | 2 2 2 | | 2 2 | 2 2 | 99 | 000'08 | 2 2 | 2,400 | ND 0.73 B | 32.7 1.8 J | 2.8 ND | 1.7 | 54.7 5.8 B | 442 ND | 32.7 NS | 88 | 8 8 8 | S S | | | |
| | Monitoring event | P6 1/23/201 | 7 629 | 18 AN | 690.4 | 7.14 | 0.45 | 0.758 | 50 | | 2 2 | 99 | 22 | 99 | 99 | 999 | 2 2 2 | 2 2 2 | | 0.16 J | 22 | 99 | 99 | 9 | | 000,1 | O.63 | 8.2 | 99 | 0.72 0.015 J | 6.5 JF1 | 415 ND | 8.2 NS | s s | S S S | 9 | | Sampled e Parame | |
| | Monitoring event | P7 4/10/201 | 7 706 | 18 | 690.4 | 7.04 | NA -70.1 | | 333 | 4.9 | 2 2 | 2 2 | 22 | 2 2 | 3.3 J | Q Q 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 0 | 2 5 | 1,900 | O.65 | 16.4 | | 0.5 ND | | 435 ND | 8.1 NS | S S | S S S | SS | | | |
| | Monitoring event | P8 7/6/2017 | 793 | 18 | 690.4 | 7.21 | 0.51 | 0.790 | 3308 | 4.8 | 2 2 | 2 2 | 22 | 9 9 | 9 9 | 999 | | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 22 | 99 | 0 | 9 9 | 350 | 0.42 | 7.5 | 9 9 | 0.45 | 10.8 | 451 ND | 7.5 NS | S S | S S S | SN | | | |
| | Monitoring event | P9 10/16/20 ⁻ | 7 895 | 18 | 690.4 | 7.09 | 3.02 | 0.900 | 1474 | 3.5 | 9 9 | 2 2 | 22 | 99 | 8 8 | 999 | 2 2 2 | 2 2 2 | 2 2 5 | 2 2 2 | 99 | 99 | 99 | 9 | 2 5 | 3,900 | ND 0.32 | 6.9 | 22 | 0.073 | ND 2.3 | 513 ND | 4.9 NS | SN SN | S S S | SS | | | |
| | Monitoring event | 210 1/5/2018 | 976 | 8 4 A | 4 | | 1.2 | 0.580 | 72.6 | 72.4 | 4 % | 1.6 J | 3.7 J 2.1 J | DD 16. | 22 Z | 999 | 2 2 5 | 8.2 | 2 2 5 | 2 2 2 | 99 | 3.2 J | 2.4 J 22 | 0 | | UN 14,000 | ND 2.2 | 99.8 | 99 | 3.2 .1 F1 | , JB | | | _ | S S S | | | | |
| | Monitoring event | P11 4/9/2018 | 1070 | 8 % | | 7.16 | 19.7 | | 8.12 | 3.8 | 9 9 | 2 2 | 22 | 22 | 22 | 999 | 222 | 2 2 2 | 299 | 225 | 22 | 22 | 99 | ON 65 | 2 9 | 3,600 | ND 0.54 | 7.9 | 22 | 0.18 ND | 20.2 4.9 b | 377 ND | 7.9 NS | SN SN | S S S | SN | | | |

| | | | | | | Well | | Field I | Paramete | rs | | | | | | | VOCs | , | | | | | | Dissol | ved Gas | ses | | | | We | t Chemi | stry | | | | | Q Poter | ntial (DNA |) |
|-----------|------------------------|----------|---------|---------------------------|---|------------|---------------------------|--|------------------------------|--------|----------------------------|---------------------------------------|--|----------------------------------|---------------------------------------|--|---------|--------------------------------------|---|---|------------------------------|---|----------------------------------|--------------------------|---------|---------|--------------------------|-------------|-----------------------|----------------|-------------------------|----------------------|----------------------------|-------------------------------|--|-----|-------------------|----------------|----------|
| Well ID | Event / Description | n D | Date | Elapsed Time (Days) | Total Depth Total Depth Water Level Measurement | | ASL) Head Elevation J) PH | (L) Dissolved Oxygen Oxidation Reduction Potential | (mS/cm) Specific Conductance | | (JL) Carbon, Total Organic | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,5-ircnioroethane 1,1-Dichloroethane 1,1-Dichloroethene | 1,2-Dichloroethane 2-Hexanone | 2-Butanone (MEK) 4-Methyl-2-pentanone | Acetone Benzene Carbon Disulfide | Chlorof | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclonexane Methylene chloride Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide Ethane | | Methane | Manganese Ferric Iron | Suffate | Nirite Phosphorous | Ammonia | (mg/L) Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride Pvruvic Acid | Bac | rinating teria | TCE R-Dase (1) | al Genes |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) (SU) | (mg/L) | (mS/cm | (NTUs) | E) | | | | | | (ng/L) | | | | | | | | (ng/L) | | | | | | E, | | | | | | | (cells/ | |
| | Monitoring event | 7/9 | 9/2018 | 1161 | 18 | 690.4 | 6.92 | 0.69 | 0.873 | 1230 | 4.8 B | 2 2 | 2 2 2 | 999 | 225 | 2.4. ON C | 2 2 2 | 99 | 999 | 2 2 2 | 99 | 22 | 99 | 12,000 | 2 2 | 11,000 | 0.38 B | 1.8.1 CN | O.16 | 0.15 28.3 B | 3.6 b 450 B | 3.6 | S S | S S | 8 8 8 | 2 | | | |
| | Monitoring event | 213 10/1 | 19/2018 | 1263 | 18 | 690.4 | 683.0 | | | 13.8 | 2.5 ND | 2 2 | N N N | 22 | 2 2 2 | 222 | 2 2 2 | 2 2 | 222 | 0.55 J | 2 2 | 22 | 2 2 2 | 47,000 | 2 2 | 000,7 | 2.8 B | 23.6 UN | 0N 4.4 | 0.16 | ND 415 | 120 | S S | S S | S S S | 2 | | | |
| | Monitoring event | 214 1/4 | 4/2019 | 1340 | 362 | 690.4 | 686.8 | 2.73 | 0.750 | 101.4 | 2.8 ND | 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 2 2 2 | 99 | 222 | 2 2 2 | 99 | 2 2 | 2 2 | 48,000 B | 2 2 | 4,100 | 0.55 | 1212 | O.15 | 0.018 J | 3.6 310 B | | | | S S S | | | | |
| | Monitoring event | 15 4/15 | 5/2019 | 1441 | 18 | 690.4 | 687.1 | 4.86 | 0.701 | 71.8 | 4.2 ND | 2 2 | 2 2 2 | 2 2 | QN - | ON ON | 2 2 2 | 2 2 | 2 2 3 | 0.55 J | ND 0.58 J | 22 | 2 2 | 62,000 | Q Q | | 0.52 B | 32.5 ND | Q S | 0.014 J | NS 282 | 0.075 J 11.6 B | S S | S S | S S S | 2 | | | |
| | Monitoring event F | 7/22 | 2/2019 | 1539 | 18 | 690.4 | 684.9 | 2.8 | 0.765 | 12.81 | 1.8 DN | 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 2 2 2 | 99 | 222 | 2 2 2 | 99 | 22 | 98 | 53,000 | 2 2 | 6,2 | 0.25 B | 22.4 CN | 2 2 | | | | S S | S S | 24.4 NS | 2 | | | |
| | Monitoring event F | 217 10/1 | 14/2019 | 1623 | 18 | 690.4 | 685.9 | 0.77 | 0.936 | 12.0 | 4.2 ND | 2 2 | 2 2 2 | 99 | 2 2 3 | S S S | 2 2 2 | 99 | 999 | 2 2 2 | 99 | 22 | 2 2 2 | 81,000 | 2 2 | 000'9 | 0.41B | 54.3 ND | | | NS 409 B | | | | S S S | | | | |
| A1-GP18-S | Monitoring event | 218 1/7 | 7/2020 | 1708 | 8 8 8 | 690.4 | 687.0 | 2.15 | . \circ | | 6.2 ND | 9 9 | 2 2 2 | 99 | 222 | 999 | 99 | 99 | 999 | 999 | 99 | 99 | | 110,000 | 2 2 | 3,400 | 0.71 0.71 | 18. Z | 9 8 | 0.037 NS | 366 366 | ND HF 6.1 | S S | S S | NS 14.3 | 2 | | mpled F | |
| | Monitoring event | 219 4/13 | 3/2020 | 1805 | 18 25 5 | 690.4 | 687.3 | 1.24 | 0.761 | 2057.0 | 7.2 ND | 2 2 | 2 2 2 | 99 | | 222 | 2 2 2 | 2 2 | 999 | 2 2 2 | 99 | 22 | | 71,000 | Q Q | -, c | 0.0203 | 17.8 GN | Q S | 0.053 NS | NS 450 | 0.37 HF 8.8 | SN SN | S S | 16.6 NS |) | illese r | aramet | 315 |
| | Monitoring event | 20 10/8 | /8/2020 | 1983 | 18 | 690.4 | 682.8 | 1.35 | 0.638 | 12.6 | 3.3 ND | 2 2 | 2 2 2 | 999 | 2 2 2 | 2 2 2 | 2 2 2 | 22 | 222 | 2 2 2 | 99 | 22 | 99 | 61,000 | | ၈ - | 0.27 | 23.7 | 2 2 | 0.15B | NS 495 | NS H | 1.7 NS | S S | 22.5 SS 5.5 | 2 | | | |
| | Monitoring event | 21 4/1 | 1/2021 | 2158 | 18 | - | 686.3 | 2.74 | _ | 90.0 | 3.8 ND | 2 2 | 2 2 2 | 993 | 2.9J | 2 2 2 | 2 2 2 | 22 | 222 | 222 | 22 | 22 | | 70,000 | 2 | | 0.84B | 62.1 CN | S S | 0.081 NS | NS 454 | - 0.33 HF | S S | S S | 33.3 SN SN S | 2 | | | |
| | Monitoring event | 22 10/2 | 21/2021 | 2361 | 18 2 | _ | 6.98 | | | 13.9 | 10.8 DN | 2 2 | 222 | 99 | 222 | 2 2 2 | 2 2 2 | 22 | 222 | 2 2 2 | 22 | 22 | | 000,86 | 2 2 | 4 0 | NS 8 | 26.8 | 0.047J | 8 8 | 377 | 0.28 HF 18.3 | 8 8 | S S | NS N | 2 | | | |
| | Monitoring event | 23 4/13 | 3/2022 | 2535 | 18 | | 687.5 | | | ., | 11.8 ND | 2 2 | 2 2 2 | 2 2 5 | ND 24 | 2 8 8 | 2 2 2 | 2 2 | 222 | 2 2 2 | 2 2 | 2 2 | | 000,00 | 2 2 | 4,400 | NS NS | Ž | | | N 55 | ND F | S S | S S | 8 8 8 | 2 | | | |
| | Monitoring event | 24 10/6 | 6/2022 | 2711 | 18 | _ | 6.86 | | | | 6.4 QN | 2 2 | 2 2 2 | 99 | 228 | 9 2 | 2 2 2 | 22 | 222 | 2 2 2 | 22 | 22 | | 48,000 | | | NS OF | 29.1 | 2 2 | 8 8 | 321 321 | 31.0 | | | 2 2 2 | | | | |
| | Monitoring event | 25 4/7 | 7/2023 | 2894 | 18 | 690.4 | 6.95 | 0.19 | 0.597 | 658.0 | 8.4 ND | 2 2 | 222 | 99 | | 2 2 2 | 2 2 2 | 2 2 | 22 | 2 2 2 | 99 | 22 | 999 | 62,000 | 2 2 | 3,300 | S S S | 5.0 CN | 2 2 2 | S S | NS 297 | ND HF | S S | S S | S S S | | | | |

| | | | | w | /ell | F | eld Para | meters | | | | | | | | VOCs | | | | | | Di | ssolved | Gasses | | | | Wet Cher | mistry | | | o c | Potentia | (DNA) |
|---------|------------------------|------------|---------------------------|----------------------|------------------------------|-------------------------|----------|----------------------|--|-----|-----------------------|--------------------|------------|---------------------------------|-----------------------------|-------------------------|--|-----------------------------|--------------------------------------|----------------------------------|--------------------------------|----------------------------------|---------|-------------------|----------------------|-----------------------------------|------------------------|----------|-----------|---|--|--------------------|-----------------|-------|
| Well ID | Event / Description | Date | Elapsed Time (Days) | | tSL) Top of Casing Elevation | pH (L) Dissolved Oxygen | | Spec | ;) Temperature /L) Carbon, Total Organic | | 1,1,2-Trichloroethane | 1,1-Dichloroethene | 2-Hexanone | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloroethane Chloroform | Chloromethane cis-1,2-Dichloroethene Dichlorodifluoromethane | hylbenzene ethylcyclohex | Methylene chloride Methyl Acetate | Toluene Trans-1 2-Dichlorosthene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | | Ethene Methane | Nitrate Manganese | Ferric iron Sulfate Sulfide | Nitrite Phosphorous | | | Acetic Acid Formic Acid Lactic Acid | n-Butyric Acid Propionic Acid Chloride Chloride | Dechloring Bacteri | a TCER-Dase (1) | |
| | | | | (feet) (ft. ATOC) | (ft. AMSL) | (SU) | _ | _ | (,c) | | | | | | | (ng/L) | | | | | | | (ua/L) | ! | | | | (mg/L) | | | | | (cells / | |
| | Monitoring event BL1 | 6/18/2010 | -1782 | 3.09 | 689.7 | 3.16 | | 16.4 | 17.8 NS | 9 9 | ₹ 2 E | 2 2 | 2 2 2 | 99 | 99 | 99 | S 6.4 | 99 | 999 | 2 2 2 | 1.4 J | 2 | | | | | | | | | | | | |
| | Monitoring event BL2 | 8/3/2010 | -1736 | 3.9 | 689.7 | 7.7 | -123 | 0.917 | 19.27 NS | 2 2 | S 5 4 5 1 | 2 2 | 2 2 2 | 99 | 99 | 99 | 2 /: S | 99 | 999 | 2 2 2 | 1.6 J | 2 | | | | | | | | | | | | |
| | Monitoring event P1 | 7/29/2015 | 85 | 3.95 | 689.7 | 7.34 | -120 | 1.49 | 18.73 | 2 2 | N P | 2 2 | 2 2 | 9 9 | 9 9 | 99 | 5.2 ND | 99 | 2 2 2 | 2 2 2 | 1.1 | S | | | | | | | | | | | | |
| | Monitoring P2 | 4/8/2016 | 339 | 18.9 | 689.7 | 7.47 | -72 | 10.9 | 10.4 2.5 B | 2 2 | 2 8 | 2 2 | 2 2 2 | 99 | 9 9 | 2 2 | Z. Z | 99 | 999 | 2 2 2 | S S 5. | 2 | | | | | | | | | | | | |
| | Monitoring P3 | 7/14/2016 | 436 | 3.95 | 689.7 | 7.37 | | 0.734 | 17.6 | 2 2 | Q 8 | 2 2 | 2 2 2 | 99 | 99 | 99 | S & S | 99 | 999 | 2 2 2 | 2.4 ND | 9 | | | | | | | | | | | | |
| | Monitoring P4 | 10/11/2016 | 525 | 18.85 | 689.7 | 7.50 | | | 18.11 | 2 2 | N 2 | 2 2 | 2 2 | 99 | 9 9 | 22 | 2 = S | 99 | 2 2 2 | 2 2 2 | 0.56 J | Q | | | | | | | | | | | | |
| | Monitoring P5 | 1/25/2017 | 631 | 3.95 | 689.7 | 7.41 | -59 | 0.785 | 11.7 | 2 2 | 2 2 2 | 2 2 | 2 2 2 | 99 | 9 9 | 22 | 3.5 ND | 99 | 999 | 2 2 2 | | 9 | | | | | | | | | | | | |
| | Monitoring P6 | 4/12/2017 | 708 | 18.85 | 689.7 | 7.43 | | | 11.2 | 2 2 | 9 2 | 99 | 2 2 2 | 99 | 99 | 99 | 2 2 2 | 99 | 999 | 2 2 2 | ₹ 2 2 | 9 | | | | | | | | | | | | |
| | Monitoring P7 | 7/7/2017 | 794 | 18.85 3.95 | 689.7 | 7.56 | | 0.730 | 17.4 | 2 2 | N N | 2 2 | 2 2 2 | 2 2 | 22 | 22 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 2.0 ND NS | Q | | | | | | | | | | | | |
| MW-30 | Monitoring P8 | 10/19/2017 | 898 | 18.85 | 689.7 | 7.45 | | 0.930 | 3.1 | 2 2 | 2 8 | 9 9 | 2 2 2 | 99 | 9 9 | 99 | 0.58 C | 99 | 9 9 9 | 2 2 2 | 2.5 10 20 | Q. | | | | | Not | Sampled | d For The | ese Para | ameters | | | |
| | Monitoring P9 | 1/2/2018 | 973 | 3.95 | 689.7 (| 7.57 | | ယ | 7.6 | | | | | 2 2 | | | | | 222 | 2 2 2 | N 0 1.3 | Q | | | | | | | | | | | | |
| | Monitoring event P10 | 4/11/2018 | 1072 | 18.9 | 689.7 | 7.32 | | | 10.9 2.2 B | 2 2 | N 02 52 | 2 2 | 2 2 2 | 99 | 99 | 99 | 2 2 2 | 99 | 9 9 9 | 2 2 2 | O.95 | Ð | | | | | | | | | | | | |
| | Monitoring event P11 | 7/11/2018 | 1163 | 3.95 | 689.7 6 | 7.18 | | | 17.14 2.9 B | | ON 0 | | 2 2 2 | | | | 2 2 2 | | | | 2 2 2 | | | | | | | | | | | | | |
| | Monitoring P12 | 10/23/2018 | 1267 | 18.9 1 | 689.7 6 | 7.09 | | _ | 15.7 | | 2 P | 2 2 | 2 2 2 | 3.6J | 9 9 | 9 9 | 2 2 2 | 22 | 2 2 2 | 2 2 2 | S 0 1.5 | Q | | | | | | | | | | | | |
| | Monitoring event P13 | 1/8/2019 | 1344 | 3.95 | 689.7 6 | 7.49 | | 0.720 | 11.7 | | | | | 99 | | | | | | | 222 | | | | | | | | | | | | | |
| | Monitoring event P14 | 4/18/2019 | 1444 | 18.85 1 | 689.7 6 | 7.68 | | 0.679 0 | 15.3 | | 99 | | | 9 9 | 99 | | 2 2 2 | | 999 | 2 2 2 | 2 2 2 | Q. | | | | | | | | | | | | |
| | Monitoring P15 | 7/26/2019 | 1543 | 3.95 | 689.7 6 | 7.37 7 | | 0.626 0 | 1.9 | | _ | | | S S S | _ | _ | 2 2 2 | 99 | 999 | 299 | 5 5 t | 9 | | | | | | | | | | | | |
| | Monitoring P16 | 10/17/2019 | 1626 | 18.9 18 2.95 3 | 689.7 68 | 3 19 | | 4.94 | | 99 | 999 | | 999 | 9 6 | 99 | 4 Q | | | | | | | | | | | | | | | | | | |
| | Monitoring P17 | 1/8/2020 | 1709 | 3.95 2. | 689.7 68 685.7 68 | 7.25 7.00 | 40.8 | 0.750 0.3 12.7 4. | 0.8 | 9 9 | 999 | 999 | | 3.3 LE.S. | 99 | 78 J O. | | 99 | 999 | | 9 9 9 | 9 | | | | | | | | | | | | |
| | event | | | <u>−</u> ω | 8 8 | 7 0 | 4 | 0 + | = 0 | | 2 2 | 2 2 | - 2 2 | 2 2 | Z Z | 0 2 | - - - | | 2 2 2 | - - - | - 2 | 2 | | | | | | | | | | | | |

| | | | | | | Well | | Fie | eld Para | meters | | | | | | | | | voc | s | | | | | | | Dissol | ved Ga | asses | | | | | Wet | Chemi | istry | | | | | | Q Poter | ntial (DN | NA) |
|---------|-----------------------|------|------------|---------------------------|---|------------|------------|--------|----------|--------------------------------|-------|--|---------------------------------------|---|--------------------|--------------------------------|---------------------------------|-----------------------------|--------------|---|---|---|-----------------------------------|---------|------------|----------------------------------|--------------------------|--------|---------|----------------------|------------------------|---------|------------------------|----------------|-------------------------|--------------|----------------------------|-------------|----------------------------------|--------------------------|-------------------|---------|----------------|--------------------|
| Well ID | Event / Descriptio | on . | Date | Elapsed Time (Days) | Total Depth Total Depth Water Level Measurement | Topo | | | Oxidatio | Specific Conductance Turbidity | | Carbon, Total Organic 1,1,1-Trichloroethane | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene | 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloroethane | Chloromethane cis-1.2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachlor oethene | Toluene | loroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide Ethane | Ethene | Methane | Nifrate Manganese | Ferric iron Sulfate | Sulfide | Nitrité Phosphorous | Ammonia COD | BOD Total Alkalinity | Ferrous Iron | Acetic Acid Formic Acid | Formic Acid | n-Butyric Acid Propionic Acid | Chloride Pyruvic Acid | Dechlori Bacte | eria . | TCE R-Dase (1) | BAV1 VC R-Dase (1) |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (mg/L) | (m) | (mS/cm) (NTUs) | (0,0) | (mg/L) | | | | | | | (ng/L) | | | | | | | | | (ng/L) | | | | | | | (mg/L) | | | | | | | į | al (sells) | |
| | Monitoring event | P18 | 4/15/2020 | 1807 | 18.9 | 689.7 | 686.7 | 1.06 | 57.5 | 0.534 | 10.4 | 2.2 UN | 2 | 2 2 | 22 | 99 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 22 | 2 2 | 2 2 5 | 2 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P19 | 10/7/2020 | 1982 | 3.95 | 689.7 | 685.7 | 0.29 | | 0.551 | 17.6 | 3.2 ND | 2 | 9 9 | 2 2 | 2 2 | 3.6.J | | 0.91J | 2 2 | 2 2 | 2 2 | 2 2 | 2 | | 0.1 ON | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P20 | 4/5/2021 | 2162 | 18.9 | 689.7 | 686.7 | 1.18 | -36.3 | 0.136 | 12.2 | 2.7 CIN | 2 | 9 9 | 2 2 | 99 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 99 | 22 | 2 2 | 2 2 ! | 2 2 | | | | | | | | | | | | | | | | | | |
| MW-30 | Monitoring event | P21 | 10/25/2021 | 2365 | 3.95 | 689.7 | 685.7 | 0.11 | | 3.45 | | 3.3 | 2 | 2 2 | 2 2 | 2 2 | ND 28 | 2 2 | 0.75 J | 2 2 | 9 9 | 9 9 | 2 2 | 2 | 2 2 5 | 2 2 | | | | | | | No | t Sam | pled I | For T | hese F | Paran | neters | | | | | |
| | Monitoring event | P22 | 4/14/2022 | 2536 | 18.85 | 689.7 | 686.7 | 0.28 | -121 | 0.470 | 12.5 | 2.4 CN | 2 | 9 9 | 99 | 99 | Q 8.9 | 2 2 | 2 2 | 2 2 | 9 9 | 9 9 | 22 | 99 | 2 2 ! | 2 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P23 | 10/10/2022 | 2715 | 18.85 | 689.7 | 685.3 | 0.13 | -105 | 0.700 | 17.8 | 3.0 ND | 2 | 9 | 9 9 | 2 2 | 2 2 | 2 2 | 2 2 | ND 1.18.0 | 9 9 | 9 9 | 2 2 | 2 2 | 2 2 : | 2 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P24 | 4/12/2023 | 2899 | 18.85 | 7.689 | 6.989 | 0.05 | -71.5 | 0.608 | . | | | | | | | 2 2 | | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | Well | | Fi | eld Par | amete | rs | | | | | | | | | VOC | | | | | | | | Disse | olved G | asses | | | | We | t Chemis | stry | | | | Q | Potentia | I (DNA) | |
|---------|-----------------------|-----|------------|---------------------------|--------------------|------------------------------------|-------|---------------------------------|---------|-------|---------------------------|------------------------------|-----------------------|---------------------------------------|--------------------|--------------------|------------------|---------------------------------|-----------------------------|-------------------|--------------------------------------|--|-------------------|----------------|------------------------------|---|----------------------------------|----------------|---------------|---------|----------------------|------------------------|---------|-------------------------------|-----------------------------|----------------------|----------------------------|---|------------|-----------------------|------------|-----------------|-----------|
| Well ID | Event / Descriptio | | Date | Elapsed Time (Days) | (feet) Total Depth | (ft. AMSL) Top of Casing Elevation | 2 | (SU) PH (mg/L) Dissolved Oxygen | ÖXİ | ις i | Us) Turbidity Temperature | (mg/L) Carbon, Total Organic | 1,1,1-Trichloroethane | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1-Dichloroethane | 1,1-Dichloroethane | 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | (ug/L) Chloroform | Chloromethane cis-1,2-Dichloroethene | Dichlorodiflu oromethane Ethylbenzene | Methylcyclohexane | Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide | (ug/L) Ethene | Methane | Nitrate Manganese | Ferric iron Sulfate | Suffide | Prosphorous Ammonia COD | (mg/L) BOD Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid Propionic Acid | | Dechloring Bacteri | | | VC R-Dase |
| | | 4 | | | | | | _ | | | Ę | - E | | | | | | | | <u>5</u> | | | | | | | | | Bn) | | | | | | Ĕ | | | | | | <u>8</u> E | | |
| | Monitoring event | BL1 | 6/17/2010 | -1783 | 14.5 | | | 6.49 | 146 | 0 | 1.6 | NS NS | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 1.4 J | 9 9 | 99 | 9 9 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 22 | | | | | | | | | | | | | | | | |
| | Monitoring event | BL2 | 8/2/2010 | -1737 | 14.5 | 9.889 | 682.9 | 6.33 | -3.9 | 0.955 | 0.89 | S 8 | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 3.8 J | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 | 2 2 | 22 | | | | | | | | | | | | | | | | |
| | Monitoring event | BL3 | 3/11/2015 | -55 | 15 | 3.0 688.6 | 685.0 | 3.9 | 82.4 | 0.873 | 5.65 | 2.4 | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | 9 9 | 9 9 | 9 9 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 9 9 | | | | | | | | | | | | | | | | |
| | Monitoring event | P1 | 7/28/2015 | 84 | 15 | | | 7.15 | 106 | 0.865 | 2.51 | 2 B | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | 9 9 | 9 9 | 9 9 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 9 9 | | | | | | | | | | | | | | | | |
| | Monitoring event | P2 | 4/8/2016 | 339 | 15 | | 0.889 | 7.3 | 29.2 | 0.540 | 11.2 | 5.4 | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | 9 9 | 9 9 | 9 9 | 9 9 | 2 2 2 | 2 2 2 | 9 9 | 2 2 | 9 9 | | | | | | | | | | | | | | | | |
| | Monitoring event | P3 | 7/13/2016 | 435 | 15 | | | 7.07 | -13.3 | 374 | 5.24 | 2.1 | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | 99 | 99 | 99 | 9 9 | 2 2 2 | 2 2 2 | 2 2 | 99 | 99 | | | | | | | | | | | | | | | | |
| | Monitoring event | P4 | 10/11/2016 | 525 | 15 | 9.889 | 675.4 | 7.24 | | 0.811 | 5.47 | 3. | 2 | | 2 2 | 2 2 2 | 5.1 | 2 2 | 2 2 | 2 Q | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 | 22 | 22 | | | | | | | | | | | | | | | | |
| | | P5 | 1/23/2017 | 629 | _ | 9.889 | | 7.16 | 32.2 | 325 | 2.96 | 2.1 | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | 9 9 | 9 9 | 9 9 | 99 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 99 | | | | | | | | | | | | | | | | |
| | Monitoring event | P6 | 4/10/2017 | 706 | 15 | | | 6.96 | | 10 | 3.21 | 2.3 | 2 | 2 2 | 2 2 | 2 2 2 | | 9 9 | | | 99 | 9 9 | 2 2 2 | 2 2 2 | 9 9 | 99 | 99 | | | | | | | | | | | | | | | | |
| MW-35S | Manifestan | P7 | 7/7/2017 | 794 | 15 4 | 9.889 | | 7.18 | _ | 068 | 8.57 | 2 | 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 9 9 | 2 2 | 2 2 2 | 2 2 2 | 2 2 | 22 | 99 | | | | | | - | Not San | npled F | or The | ese Pa | rametei | rs | | | | |
| | Monitoring event | P8 | 10/17/2017 | 896 | 15 | 9.889 | 679.1 | 7.15 | | | 1.06 | 2.6 | 9 | 2 2 | 2 2 | 2 2 2 | 2 2 | 99 | 99 | 9 9 | 99 | 9 9 | 2 2 2 | 2 2 2 | 2 2 | 99 | 22 | | | | | | | | | | | | | | | | |
| | Monitoring event | P9 | 1/4/2018 | 975 | 15 | 688.6 | | 8.6 | _ | | A S | 2.4 | 2 | 2 2 | 9 9 | 2 2 2 | 2 2 | 99 | 9 9 | 99 | 99 | 99 | 2 2 2 | 2 2 2 | 2 2 | 99 | 99 | | | | | | | | | | | | | | | | |
| | | P10 | 4/9/2018 | 1070 | 5 0 | (0 | 688.6 | 7.28 | | N | A N | | 2 | | 2 2 | | 2 2 | | 2 2 | Q Q | 2 2 | 2 2 | 2 2 2 | | 2 2 | Q Q | 22 | | | | | | | | | | | | | | | | |
| | Manifestore | P11 | 7/11/2018 | 1163 | 15 | 688.6 | 682.3 | 3.65 | _ | _ | 4.01 | | 2 | 2 2 | 9 9 | 2 2 2 | 2 2 | 9 9 | 99 | 99 | 99 | 99 | 2 2 2 | 2 2 2 | 9 9 | 99 | 99 | | | | | | | | | | | | | | | | |
| | | P12 | 10/19/2018 | 1263 | | 9.889 | 677.0 | 7.1 | | | 5.29 | 1.2 | 2 | 2 2 | 9 9 | 222 | 2 2 | 99 | 99 | 99 | 99 | 99 | 2 2 2 | 2 2 2 | 2 2 | 99 | 99 | | | | | | | | | | | | | | | | |
| | Manifestore | P13 | 1/7/2019 | 1343 | | 0.7 | 687.9 | 7.21 | | | _ | | | _ | ++ | 2 2 2 | | 9 9 | | | | 2 2 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | | - | | | | | | | | | | | | | | | |
| | Manifestore | P14 | 4/17/2019 | 1443 | 13.9 | | | 5.9 (| | | 0.13 | 01 | | | | 222 | \rightarrow | 22 | _ | _ | | | 2 2 2 | | _ | 22 | | | | | | | | | | | | | | | | | |
| | Manifestra | P15 | 7/25/2019 | 1542 | | 9 9.889 | | 7.26 7 | | | 831.7 | | | _ | | 2 2 2 | | | | | | | | | | 99 | | | | | | | | | | | | | | | | | |
| | Manitarian | P16 | 10/17/2019 | 1626 | 15 16 | | | 6.99 7 0.43 3 | | | 3.95 83 | | | 2 2 | | 2 2 2 | 2 2 | 99 | 22 | 99 | 2 2 | 2 2 | 299 | 2 2 2 | 22 | 99 | 99 | | 9 9 | U.4.1 | 0.052 0.63 B | 112 | 223 | S S S | 348 | 0.024 J | S S | S S S | 24.5 NS | | ot Samp | led For ameters | |

| | | | | | Well | | Fie | ld Para | meters | | | | | | | | VO | Cs | | | | | | D | issolved G | Gasses | | | | Wet C | Chemistry | | | | QP | otential (I | ONA) |
|---------|------------------------|------------|---------------------------|--------|---|----------------|-------------------------|-----------|-------------------|-------------------------------------|-----------------|---|--|----------------------------------|---------------------------------------|-----------------|-----------|---------------|-------------------------|---|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------|---------|----------------------|--------------------|------------------------|----------------|---|------------------------------------|-------------------------------|----------------------------|--------------------------|-------------------|---------------------------------|
| | | | | | | | | | | | | | | | | | | | П | | | | | | | Т | | | | | | | | | Dechlorinati Bacteria | ng Func | tional Genes |
| Well ID | Event / Description | Date | Elapsed Time (Days) | Total | Water Level Measurement Top of Casing Elevation | Head Elevation | pri Dissolved Oxygen | Oxidation | | Temperature Carbon Total Organic | 1,1,1-Trichlord | 1,1,2-Trichloro-1,2,2-trifluoroethan 1,1,2-Trichloroethan | 1,1-Dichloroethane 1,1-Dichloroethene | 1,2-Dichloroethane 2-Hexanone | 2-Butanone (MEK) 4-Methyl-2-pentanone | Acetone Benzene | arbon | Chloromethane | Dichlorodifluoromethane | EthylDenzene Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane | Methane | Nitrate Manganese | Sulfate Sulfide | Nitrite Phosphorous | Ammonia COD | BOD Total Alkalinity Ferrous Iron | Iron Acetic Acid Formir Acid | Lactic Acid n-Butvric Acid | Propionic Acid Chloride | Dehalococcoides spp (1) | TCE R-Dase (1) | BAVI VC R-Dase (1) VC R-Dase |
| | | | | (feet) | (ft. ATOC) | (ft. AMSL) | (SU) | (m) | (mS/cm) (NTUs) | (0,0) | (mg/L) | | | | | | (Control | (ug/L) | | | | | | | (ng/L) | | | | | | (mg/L) | | | | | (cells / mL) | |
| | Monitoring event P17 | 1/8/2020 | 1709 | 15 | 0.52 | 688.0 | 7.06 | 37.3 | 0.716 | 7 | 3.2 ND | 9 Q | 2 Q | ND ON | Q Q | 200 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | Q Q | Q Q | Q Q | ND 43,000 | ON CA | S S | 0.096 | 58.6 ND | Q SN | 2 S | 325 ND | 0.31 NS | S S S | 18.4 18.4 | Not Thes | Sample e Paran | |
| | Monitoring event P18 | 4/14/2020 | 1806 | 15 | 0.18 | | 4.87 | | 3.19 | 7.16 | S Q | 9 9 | 99 | 9 9 | 9 9 | 998 | 0.75J | 999 | 2 2 2 | 2 2 2 | 99 | 99 | 99 | 9 | | | | | | | | | | | | | |
| | Monitoring event P19 | 10/6/2020 | 1981 | 15 | 9.58 | | 0.6 | | 3.55 | 13.9 | ND ND | 2 2 | 2 2 | Q Q | Q Q | 2 2 2 | 2 2 | 999 | 2 2 2 | 2 2 2 | 22 | 22 | 22 | Q. | | | | | | | | | | | | | |
| MW-35S | Monitoring event P20 | 4/5/2021 | 2162 | 15 | 0.65 | 688.0 | 10.5 | 52.3 | 0.279 | 8.73 | ND O | 9 | 9 9 | Q Q | 9 9 | 9 9 | 9 9 | 999 | 2 2 | 2 2 2 | 22 | 22 | 22 | g | | | | | | | | | | | | | |
| | Monitoring event P21 | 10/20/2021 | 2360 | 15 | 1.36 | 687.2 | 2.93 | 92.6 | 0.900 | 15.5 | ND ON | 9 | 9 9 | N O | S S | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 28 | 2 2 | 28 | Q. | | | | | Not | t Samp | led For | These F | Param | eters | | | |
| | Monitoring event P22 | 4/7/2022 | 2529 | 15 | 0.49 | | 6.99 | 56.1 | 14.7 | 8.2 | N ON | 9 9 | 9 9 | 2 2 | 9 9 | 22 | 9 9 | 9 9 9 | 2 2 | 2 2 2 | 22 | 22 | 22 | 9 | | | | | | | | | | | | | |
| | Monitoring event P23 | 10/7/2022 | 2712 | 15 | 10.03 | | 6.97 | | 0.820 | 13.5 | S Q | 9 9 | 9 9 | 9 9 | 9 9 | 22 | 9 9 | 9 9 9 | 2 2 2 | 2 2 2 | 99 | 99 | 99 | 2 | | | | | | | | | | | | | |
| | Monitoring event P24 | 4/6/2023 | 2893 | 15 | 0.54 | 688.1 | 6.97 | 198 | 37.5 | 7.8 | Q Q | 9 9 | 9 9 | 2 2 | 2 2 | 22 | 9 9 | 2 2 2 | 2 2 | 2 2 2 | 22 | 99 | 9 9 | 9 | | | | | | | | | | | | | |

| | | | | | | Well | | | Field P | arame | ters | | | | | | | | | VOCs | | | | | | | Diss | solved G | asses | | | | Wet CI | hemistry | , | | | | 2 Potenti | al (DNA) |
|---------|----------------------|-----|------------|---------------------------|----|---------------------|-------|--------|--|------------------------------|------------------|-----------------|----|---|--|----------------------------------|------------------|----------|------------------|---------------------------------|--|-----------------------------------|--------------------------------------|------------------------------|--------------------------|---|----------------|----------------------|---------|------------------------------------|---------|------------------------|---------|--------------------------------------|---------------------|---|--------------------------------------|-------------------|-----------|--|
| Well ID | Event Description | | Date | Elapsed Time (Days) | | water Level | I | | (mg/L) Dissolved Oxygen Oxidation Reduction Potential | (mS/cm) Specific Conductance | (NTUs) Turbidity | - 0 | - | 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) | Acetone | Carbon Disulfide | (ug/L) Chloroform Chloromethane | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride Xylenes. Total | Carbon Dioxide | Ethane (ug/L) Ethone | Methane | Nitrate Manganese Formi inco | Suffide | Nitrite Phosphorous | 4 0 1 | (mg/L) Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid n-Butwic Acid | Propionic Acid Chloride Pyruvic Acid | Dechloring Bacter | ia | DAVI VCR-Dase (1) BAVI VCR-Dase (1) VCR-Dase |
| | Monitoring | | | | _ | _ | | | | | | + | | | | H | | | - - | T T | - - | | | | | | | 3 | | | | | | Ē | | | | | 8 | E |
| | event | BL1 | 6/17/2010 | -1783 | 15 | | | | 13.1 | - | (,) | | | | 22 | | | | - | | | | | | | 2 2 2 | | | | | | | | | | | | | | |
| | event | BL2 | 8/3/2010 | -1736 | - | 5.4 | | • | 1.6 | | | | | | 0.38 J ND | | | | | | | 2 2 | | | | 0 Q Q | | | | | | | | | | | | | | |
| | event | BL3 | 3/10/2015 | -56 | 12 | _ | | | 2.87 | | 2.43 | | | 2 2 | | | 2 2 | 2 2 | 2 2 | 2 2 2 | 99 | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 222 | 2 | | | | | | | | | | | | | |
| | Monitoring event | P1 | 7/29/2015 | 85 | 12 | 3.85 | _ | 6.12 | 0.18 | | 3.81 | 17.43 1130 B | 2 | 2 2 | 0.52 J ND | N S | 122 | 8 8 | 12 Z | 2 2 | 4: Q | 22 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Monitoring event | P2 | 4/8/2016 | 339 | 12 | 3.1 | 686.7 | 6.87 | 0.83 | 1.552 | 1.2 | 76.5 | 2 | 9 9 | 9 9 | 9 9 | 4 5 | 8 2 | 2 2 | 2 2 | 9 9 | 22 | 2 2 | 9 9 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Monitoring event | P3 | 7/11/2016 | 433 | 12 | 7.54 | 682.2 | 98.9 | 0.45 | _ | 10.4 | 21.5 | 2 | 9 9 | 9 9 | 9 9 | 22 5 | 8 5 | 2 2 | 2 2 | 1. 5 | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 222 | 2 | | | | | | | | | | | | | |
| | Monitoring event | P4 | 10/12/2016 | 526 | 15 | | _ | 5.79 | 0.3 | _ | | | Q. | | | | 3.2 | 2 2 | 2 2 | 2 2 | 1.8 DN | 2 2 | 2 2 | | | 2 2 2 | | | | | | | | | | | | | | |
| | Monitoring event | P5 | 1/24/2017 | 630 | 15 | 2.9 | | 7.05 | 0.2 | | 7.44 | 6.84 | 2 | 9 9 | 99 | 99 | 9 9 | 2 2 | 20.7 | 2 2 | 9. D | 99 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Monitoring event | P6 | 4/12/2017 | 708 | 15 | 5.15 | | 6.8 | 0.07 | | | | 2 | 9 9 | 99 | 9 9 | 2 2 | 0.4 D | 27 J CN | 2 2 2 | 1.5 ND | 222 | 2 2 | 2 2 2 | 2 2 2 | | 2 | | | | | | | | | | | | | |
| MW-36S | Monitoring event | P7 | 7/6/2017 | 793 | | 689.8 | | | 0.07 | | | 16.2 | 9 | | | | 999 | 99 | 2 2 | | | | | 999 | | 2 2 2 | | | | | | No | t Sampl | ed For | These | Param | eters | | | |
| | Monitoring event | P8 | 10/17/2017 | 896 | 15 | | 682.3 | | 0.16 | | | | 2 | 9 9 | 99 | 99 | 999 | 999 | 2 2 | 2 2 2 | 1.5 ND | 222 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Monitoring event | P9 | 1/4/2018 | 975 | | 3.06 | 686.7 | | -33.7 | _ | | | | | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 | 2 2 | 1.3 N | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Manitoring | P10 | 4/9/2018 | 1070 | | 2.81 | 687.0 | | 1.16 | 0.781 | ¥ S | 3.7 | Q. | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 2 | 1.2 ND | 2 2 | 2 2 | 2 2 2 | 2 2 2 | | 2 | | | | | | | | | | | | | |
| | Monitoring | P11 | 7/10/2018 | 1162 | 12 | | | | 0.57 | | 2.95 | | 2 | | 9 9 | | | | | | | | | 2 2 2 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Manadandan | P12 | 10/18/2018 | 1262 | 12 | | | | 0.2 | | | | - | | | | 255 CIN | 14 J | 2 2 | 2 2 2 | 22 | | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Manakasiasa | P13 | 1/7/2019 | 1343 | | 6.55 | | | 0.21 | | | 9.5 | 2 | 9 9 | L 41 U | 99 | 2 2 | 2 2 | 2 2 | 999 | 1.2 N | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 | | | | | | | | | | | | | |
| | Monitoring | P14 | 4/16/2019 | 1442 | _ | 2.79 | | 7.36 7 | | | | 1.7 | 9 | 9 9 | 410 VD | 99 | 999 | 999 | 99 | 999 | 1.5 | 99 | 99 | 999 | 999 | | 2 | | | | | | | | | | | | | |
| | Monitoring | P15 | 7/25/2019 | 1542 | | 6.23 2 689 8 68 | | | 1.89 3 | _ | _ | 4. 4 | | 99 | 99 | 99 | 999 | 999 | 99 | 3.5 | €. 🗖 | 99 | 99 | 999 | ا و و | 999 | 9 | | | | | | | | | | | | | |
| | Monitoring | P16 | 10/18/2019 | 1627 | _ | 2.91 6. 689.8 68 | | | 0.29 1. | _ | | 3 3 | 9 | 99 | 207 | 99 | 999 | 999 | 99 | | 0.0 | 99 | 99 | - | | 222 | 2 | | | | | | | | | | | | | |
| | event | | | | | 6 | 8 8 | 7 | -2 | 1 - | 23. | - 4 | | 2 2 | 0 2 | 22 | - 2 2 | 2 2 | 2 2 | - 2 2 | NZ | - 2 | 2 2 | - 2 2 | - - - | _ Z Z | | | | | | | | | | | | | | |

| | | | | W | Vell | | Field Par | ameters | | | | | | | | VOCs | | | | | | | Dissolve | d Gasse | es | | | Wet Chemi | istry | | | Q Pot | ential (DN | NA) |
|----------|------------------------|------------|---------------------------|----------------------|-------------------------|------|-----------|--------------------------------|-------------------------------------|---------|--|--|----------------------------------|---------------------------------------|-----------------------------|--------|---|---|--------------------------------------|----------------------------------|--|----------------------------------|-----------------------|---------|----------------------|-----------------------------------|-----------------------------|-----------|--------------|----------------------------|---|--|----------------|------------------------------|
| Well ID | Event / Description | Date | Elapsed Time (Days) | Tot | Top of Casing Elevation | Hq | | Specific Conductance Turbidity | Temperature Carbon Total Organic | | 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 | Benzene Carbon Disulfide | ם ס | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide Ethane | Ethene | Nitrate Manganese | Ferric iron Sulfate Sulfide | Nitrite Phosphorous Ammonia | S B P | Ferrous Iron | Acetic Acid Formic Acid | Lacute Acid n-Butyric Acid Propionic Acid | Dechlorinating Bacteria (1) Departure of the second of t | TCE R-Dase (1) | BAV1 VC R-Dase (1) C R-Dase |
| | | | | (feet) (ft. ATOC) | (ft. AMSL) | (SU) | | (mS/cm) (NTUs) | | 6 | | | | | | (ug/L) | | | | | | | | (ug/L) | | | | (mg/L) | | | | | (cells / | |
| | Monitoring event P17 | 1/8/2020 | 1709 | 15 | 689.8 | 7.04 | 41.4 | 1.290 | 7.4 | § ₽ | | | | | 2 2 2 | | - 1 1 | 99 | 2 2 2 | 2 2 9 | 999 | 99 | | | | | | | | | | | | |
| | Monitoring event P18 | 4/16/2020 | 1808 | 15 | 8.689 | 6.93 | - 2 | 1.247 | 7.41 | N Q | | | | | 2 2 2 | | | | | | 999 | | | | | | | | | | | | | |
| | Monitoring event P19 | 10/9/2020 | 1984 | 15 | 689.8 | 6.9 | -98.4 | 0.999 | 4 2 | - Q | 2 2 | 0.53J | | | 2 2 2 | 2 2 | 1.6 D | 22 | 2 2 2 | 2 2 2 | 222 | 2 2 | | | | | | | | | | | | |
| MW-36S | Monitoring event P20 | 4/16/2021 | 2173 | 15 | 689.8 | 7.11 | -78.2 | 3.25 | 7.24 | 2. Q | 9 9 | 0.54 J | 2 2 2 | 2 2 2 | 2 2 2 | 9 9 | ND 2:2 | 28 | 2 2 2 | 2 2 5 | 222 | 9 9 | | | | | Not 0 | Sampled | Cor Th | ooo Do | -amatara | | | |
| IMAA-202 | Monitoring event P21 | 10/22/2021 | 2362 | 15 | 689.8 | 7.53 | -91 | 1.300 | 13.4 | | 9 9 | \neg | | | | | - 1 1 | | | | 999 | | | | | | NOLS | oampieu i | rui III | lese Fai | ameters | | | |
| | Monitoring event P22 | 4/11/2022 | 2533 | 15 | | 7.13 | -107 | 1.280 | 8.5 | S. D | 9 9 | 0.43 J ND | 2 2 3 | 9.5 J | 2 2 | 2 2 | 1.5 | 2 2 | 2 2 2 | 2 2 9 | 222 | 2 2 | | | | | | | | | | | | |
| | Monitoring event P23 | 10/5/2022 | 2710 | 3.57 | | 7.08 | -94.5 | 1.190 | 13.7 | S Q | 9 9 | 99 | 9 9 9 | 2 2 2 | 2 2 | 2 2 | 99 | 2 2 | 2 2 2 | 2 2 9 | 999 | 9 9 | | | | | | | | | | | | |
| | Monitoring event P24 | 4/12/2023 | 2899 | 3.1 | 689.8 | 7.15 | -89.4 | 1.122 | 8 | 2 2 | 9 9 | 99 | 2 2 2 | 2 2 | 2 2 2 | 2 2 | 1.5 | 2 2 | 2 2 2 | 2 2 9 | 222 | 9 9 | | | | | | | | | | | | |

| | | | | | | Well | | | Field P | aramete | rs | | | | | | | | | VOCs | | | | | | | | Dis | solved | Gasses | | | | | W | et Che | mistry | | | | | | Q Pot | ential (| DNA) | |
|---------|--------------------|-----|------------|---------------------------|------|---|-------|------------|--------------------------------------|---------|------------------|-------|-----------------------|-----------------------|--|--------------------|------------------|---------------------------------|-----------------------------|--------------------------------|--------------------------------------|-------------------------|--|----------------|------------------------------|--------------------------|--------------------------|----------------|---------------|-------------------|----------|--------------------------|--------------------|---------|---------|--------|-------------------------------|---------------------|-------------|----------------|---|-----------------|-----------|-----------------------------|--------------------|-----------|
| Well ID | Event Descripti | | Date | Elapsed Time (Days) | | (ft. ATOC) water Level measurement (ft. AMSL) Top of Casing Elevation | | | (mg/L) Oxidation Reduction Potential | | (NTUs) Turbidity | +- | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane 1,1-Dichloroethene | 1,2-Dichloroethane | 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | (ug/L) Chloroethane Chloroform | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane | Etriyloetzene Methylcyclohexane Methylone chloride | Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene | Vinyl chloride | Carbon Dioxide | Ethane (ug/L) | Ethene Methane | Nitrate | Manganese Ferric iron | Sulfate Sulfide | Nitrite | Ammonia | (ma/L) | Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid | n-Butyric Acid | Propionic Add Chloride Pyruvic Acid | Dechlor Bact | teria | (cells / mL) TCE R-Dase (1) | BAVI VC R-Dase (1) | VC R-Dase |
| | | | | | _ | _ | _ | <u>ε</u> , | Ē 5 | | _ | + | | | | | | | | 3 | | | | | | | | | | | <u>_</u> | | | | | ٤ | - | | | | | | | 8 = | | |
| | Monitoring event | BL1 | 4/7/2011 | -1489 | 14.3 | 10.9 | 678.2 | 6.92 | 70.8 | 1.692 | 2.3 | NS NS | 25000 | 240 J | 8550 6100 | 76 | 510 J | 3.5 J | <u>6</u> | 100 J 4.8 | 1000 | | | 2 | 5.6 | 31 | 27 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | BL2 | 3/12/2015 | -54 | 14.3 | 1.8 | 687.3 | 6.94 | -101.3 | 1.855 | 8.04 | 15.7 | 19,000 | 240 | 12,000 6,300 | 2 | 2 2 ! | 2 2 ! | 2 2 | 160 J ND | ND 5,700 | 2 2 | 2 2 2 | 2 2 | ND 1,200 | ND | 000'S | 2 | | | | | | N | lot Sa | mple | d For | These | Par | amete | ers | | | | | |
| | Monitoring event | P1 | 6/12/2015 | 38 | | | NA (C | Grab S | Sampl | | | Q. | 3,700 | 9, 6 | 2,300 | . 44 . C | 2 2 5 | 22 | 2 2 | 9 9 | ND 6,400 | 2 2 | 2 2 2 | 2 2 | ND 520 | ON S | 000,21 007,2 ON ON ON | 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P2 | 7/27/2015 | 83 | 14.3 | 2.7 | 686.4 | 6.28 | -92.7 | 2.521 | 2.85 | 1560 | | 71 J | 9,700 | 44 J | 2 2 ! | 22 | 2 2 | 170 J ND | ND 6,700 | 2 2 | 2 2 2 | 2 2 | | | 08 Q | | | | | Not S | ample | d Fo | r Thes | se Pa | ramet | ers | | | | , c | ×2.3E+01 | <2.5E+01 | <2.5E+01 | <2.5E+01 |
| | Monitoring event | P3 | 4/8/2016 | 339 | 14.3 | 3 689.1 | 686.1 | 6.67 | -111.7 | 1.960 | 7.48 | 620 | 3,600 | ND O | 7,100 | 2 | 2 2 : | 9 9 9 | 2 2 | 15,000 ND | ND 13,000 | 2 2 | 2 2 5 | Q Q | 1,000 | 2 | 610 R | 2 | | | | | | | | | | | | | | • | | | | |
| | Monitoring event | P4 | 7/14/2016 | 436 | 14.3 | 5.38 | | 6.47 | -81.4 | | 5.54 | 796 | 2,000 | 120 J | 1,000 | 110 J | 2 2 : | 2 2 5 | 2 2 | 0,000 ND | QN 9,000 | 890 | S S S | ND | ND 2,100 | ND | 530 | 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P5 | 10/13/2016 | 527 | | 2.3 | | _ | 12.0 | | 3.76 | 287 | 440 | 2 2 | 520 | 2 2 | 2 2 : | 9 9 9 | 2 2 | 4,000 1 ND | ND 2 | 2 2 | 2 2 2 | 2 2 | 340 340 | 2 2 | 2 2 2 | 2 | | | | | | N | lot Sai | mple | d For | These | Par | amete | ers | | | | | |
| MW-42S | Monitoring event | P6 | 1/25/2017 | 631 | 14.3 | 3.06 | _ | | 95.7 | | 3.12 | 238 | 1,200 | QN QN | 2,900 2 | 130 J | 2 2 ! | 22 | 2 2 | 1,000 1. ND | ND 2,800 | 2 2 | 222 | ND | O00,1 | 2 2 | 2,400 ND 530 6 | 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P7 | 4/12/2017 | 708 | 14.3 | | | 7.02 | -115.3 | | 4.89 | | | | | | | | | | | | | | | | 004,1 | | | | | Not S | ample | d Fo | r Thes | se Pa | ramet | ers | | | | VOT 100 C | 3.90E 104 | 1.28E+04 | <2.50E+01 | 1.04E+03 |
| | Monitoring event | P8 | 7/10/2017 | 797 | 14.3 | 2.1 | 687.0 | 6.8 | 12.0 | 1.390 | 4.68 | 238 | ON S | Q. | 1,800 | 2 2 | 2 2 ! | 99 | 2 2 | 24,000 ND | QN 069 | 2 2 | 2 2 2 | 2 2 | 1,100 | 2 | 3,600 | 2 | | | | | | | | | | | | | | • | | | | |
| | Monitoring event | P9 | 10/19/2017 | 898 | 14.3 | 6.35 | _ | 6.56 | -344.2 | 2.660 | 3.77 | 395 | 4,100 | _ | | | _ | | J.100 | 000'6 | 10 | 9 9 | 2 9 9 | 2 2 | U) | 280 | 12,000 | Ē | | | | | | N | lot Sa | mple | d For | These | Par | amete | ers | | | | | |
| | Monitoring event | P10 | 1/2/2018 | 973 | 14.3 | 3.6 | _ | 7.98 | -28.2 | | NA A | | 740 | 2 | 2,500 ND | 2 2 | 2 9 ! | 22 | 2 2 | 21,000 1 ND | 1,200 | 1 1 | 2 2 2 | 2 2 | ON 056 | 2 2 | | Ş | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P11 | 4/11/2018 | 1072 | 14.3 | | | 6.91 | -78.4 | | NA CT | 625 | 390 | | | | | | | | | | 2 2 2 | 2 2 | 029 | 2 2 | 2,800 | | | | | Not S | ample | d Fo | r Thes | se Pa | ramet | ers | | | | 4 04E+04 | 40.4 | 4.29E+04 | 3.33E+01 | 3.56E+03 |
| | Monitoring event | P12 | 7/12/2018 | 1164 | 14.3 | 2.95 | 686.1 | 7.13 | 98.8 | 1.409 | 1.48 | 141 B | QN - | G Q | 2 2 | Q S | 2 2 ! | 22 | 2 2 | 15,000 ND | ND 210 | 2 2 | 222 | S S | ON 009 | 2 2 | 1,400 | 2 | | | | | | N | lot Sai | mple | d For | These | e Par | amete | ers | | | | | |

| | | | | | | Well | | Fie | eld Para | meters | , | | | | | | | | vo | Cs | | | | | | | Diss | solved (| Gasses | | | | | Wet | Chemi | stry | | | | | (| 2 Potent | ial (DNA) | |
|---------|---------------------|-----|------------|---------------------------|--|-------|-------|---------------------------------|----------|------------------------------|------------------|----------------------------|---------------------------------------|-----------------------|--------------------|--------------------------------|----------------------|-----------------------------|--------------|-------|-------------------------|-----------------------------------|--------------------------------------|------------------------------|--------------------------|----------------|----------------|----------------------|---------|---------|-------------|---------|-------------|-------------|-----------------------------|----------------------|----------------------------|-------------------------------|----------------|--------------------------|-------------------------|----------|--|-----------|
| Weli ID | Event Descript | | Date | Elapsed Time (Days) | (feet) Total Depth (f.e. ATOC) Water Level Measurement | | 3 | (SU) PH (mg/L) Dissolved Oxygen | | (mS/cm) Specific Conductance | (°C) Temperature | g/L) Carbon, Total Organic | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethene | 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone | Benzene Garbon Dieuffile | Chloroethane | 5 5 8 | Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene | Vinyl chloride | Carbon Dioxide | Ethane (ug/L) Ethana | Methane | Nitrate | Ferric iron | Suffide | Phosphorous | Ammonia | (mg/L) BOD Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid | Chloride Pyruvic Acid | Dehalococcoides sbb (1) | ia | nL) TCER-Dase (1) nL BAV1 VC R-Dase (1) epu | VC R-Dase |
| | 1 | | | | | _ | | + | | _ | + | | _ | Σ | | | T | TT | | 1 | | | | | | TT | | 3 | | <u></u> | | | | | £ | | | | | | | 8 | - | |
| | Monitoring event | P13 | 10/23/2018 | 1267 | 14.3 | 689.1 | 683.1 | 6.37 | -32.4 | 1.410 | 16.9 | 23.1 | 1,000 | D 01.1 | 130 J | _ | 99 | | 16,000 | 2 2 2 | 2 2 ! | 99 | 09 Q | ₽ 00. | 22 | 9 5 | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P14 | 1/8/2019 | 1344 | 14.3 | 689.1 | 682.7 | 6.71 | -117.9 | 2.530 | 12.6 | 258 | 2,200 | ND 2.400 | 160 J | Q Q | 2 2 | 2 2 2 | 25,000 | ON ON | 88 | Q Q | Q Q | 1,700 | 22 | 6,700 | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P15 | 4/18/2019 | 1444 | 14.3 | 689.1 | 6.789 | 7.47 | -125.2 | 1341 | 10.6 | 63.6 | 390 J | ND 1.600 | 9 9 | 2 2 | 2 2 | 2 2 2 | 8,000 | 2 2 2 | 2 2 5 | Q Q | 210 J ND | 370 J | 22 | 940 | 2 | | | | | | Not | Sam | nled F | or Th | ese P | aramı | eters | | | | | |
| | Monitoring event | P16 | 7/26/2019 | 1543 | 16.3 | 689.1 | 687.4 | 1.57 | -65.35 | 2.195 | 19.5 | 737 | 240 J | ND 4.400 | 140 J | 2 2 | 9 9 | 2 2 2 | 008'6 | 2 2 5 | 200 | 99 | 99 | 330 J | 2 2 | 1,800 | 2 | | | | | | | Juni | piou i | J | | aram | 0.0.0 | | | | | |
| | Monitoring event | P17 | 10/18/2019 | 1627 | 14.3 | | | 6.22 | | 2.242 58.76 | | 895 | _ | ND 2,800 | 190 J | 99 | 2 2 | 2 2 2 | 16,000 | 20 N | 2 2 5 | 99 | | | | 000'9 | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P18 | 1/10/2020 | 1711 | 14.3 | | 688.5 | 5.52 | | 1.250 | 9.5 | 341 | | | 150 | | 2 2 | 2 2 2 | | | 3 2 5 | 99 | | ND 530 | | 1200 | 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P19 | 4/16/2020 | 1808 | 14.3 | 689.1 | 687.1 | 6.34 | 118.2 | 1.532 | 8.14 | 368 | 850 | ON 1 | 130 | 1407 1407 | 9 9 | 2 9 9 | 11,000 | 2 2 5 | 3 2 ! | 99 | 99 | QN 099 | 99 | 01,100 | 92,000 | 9 9 | 2 2 | 9 9 | 67.5 | 299 | 2 2 | 0.18 | ND 659 | 2.8HF 70.3 | SN SN | S S | SN | 283 NS | 7.73E+01 | | <2.50E+01 <2.50E+02 | 7.00E+00 |
| MW-42S | Monitoring event | P20 | 10/12/2020 | 1987 | 14.3 | 689.1 | 687.6 | 6.55 | -111.5 | 1.302 | 18.3 | 392 | 240 | 1.900 | 99.1 | 2 2 | 2 2 | 2 2 2 | 17,000 | | QN. | Q Q | 130J ND | 088 | Q Q | 2,500 | 000'62 | 370 | 13,000 | 0.031J | 42.6 | | SN | 0.093 NS | SN 666 | 1.3 HF 43.9 | SN SN | SN SN | S S | 366 NS | | ot Sam | pled For | |
| | Monitoring event | P21 | 4/2/2021 | 2159 | 14.3 | 689.1 | 688.5 | 2.33 | -103.1 | 1.221 2.56 | 8.05 | 427 | 380 | ND 210 | 99 | 99 | 2 2 | 2 2 2 | 12,000 | 2 2 2 | 2 2 2 | 99 | 100J ND | ND 620 | 22 | 1907 | 47,000 | 410 | 3,400 | QN G | 42.8 | N ON S | NS NS | 0.11 NS | NS 798 | 2.0HF 44.8 | S S | SN SN | S S | 317 NS | 4.22E+04 | | 1.95E+03 <2.50E+01 | 4.77E+03 |
| | Monitoring event | P22 | 10/27/2021 | 2367 | 14.3 | 689.1 | 688.5 | 6.6 | -93.2 | 1.590 | 17.4 | 333 | 430 | ND 550 | Q Q | 2 2 2 | 2 2 | 2 2 2 | 10,000 | 2 2 2 | 2 2 | Q Q | QN QN | 0V 570 | Q Q | 2 2 2 | 65,000 | 089 | 11,000 | 0.088 | 31.8 | | SN S | S S | NS 497 | 6.1 HF 37.9 | SN SN | SN SN | S S | SN | 2-5% | | 0.08-0.2% | 2-6% |
| | Monitoring event | P23 | 4/8/2022 | 2530 | 14.3 | 689.1 | 687.7 | 6.82 | -108.7 | 1.990 | 8.6 | 349 | 2,500 | ON 880 | 9 9 | 99 | 99 | 2 2 2 | 15,000 | 2 2 2 | 2 2 2 | 99 | 99 | 910 | 99 | 280 | 000'68 | 062 | 13,000 | 0.1 | 32.4 | 2 2 2 | S S | S S | NS 759 | 3.9 HF 36.3 | SN SN | S S | 2 S | SN SN | 5-14% | | 0.3-0.8% | 5-15% |
| | Monitoring event | P24 | 10/7/2022 | 2712 | 14.3 | 689.1 | 684.0 | 6.59 | -83.0 | 1.880 | 17.9 | 264 | 800 | ND 280 | 22 | 2 2 2 | 2 2 | 2 2 2 | 11,000 | | 2 2 : | Q Q | Q Q | 006 006 | 22 | 420 N | 81,000 | 640 | 3,700 | 0.43 | 20.9 | | SN | SNS | 8N 269 | 4.8 HF 25.7 | NS NS | SN SN | S S | SN SN | 4-11% | | 0.2-0.7% | 2-6% |
| | Monitoring event | P25 | 4/11/2023 | 2898 | 14.3 | 689.1 | 686.1 | 7.15 | -65.1 | 1.570 | 10.1 | 155 | ON ON | ND 740 | 222 | 2 2 2 | 2 2 | 2 2 2 | 6,600 | 222 | 2 2 | Q Q | Q Q | 390 | 22 | 2 2 2 | 53,000 | 720 | 9,900 | 0.35 | S S | C8.F | SN SN | S S | NS 260 | NS HS | SN SN | S S | SS | S S | 0.7-2% | | 0.1-0.3% | 0.7-2% |

| | | | | | | Well | | Fie | eld Para | meters | 3 | | | | | | | | | VOCs | | | | | | | | Dissolv | ed Gas | ses | | | | w | et Chem | nistry | | | | | Q Po | otential | (DNA) | |
|---------|-------------------|-----|------------|---------------------------|---|------------------------------|-------|------|----------|--------------------------|-------|---------|---|-----------------------|--|----------------------------------|---------------------------------------|--------|------------------|---------------|------------------------|---|---|-------------------------------------|------------------------------------|-----------------|----------------|-----------------------|-----------|---------|-----------|------------------------|---------|------------------------|-------------------------|--------------|----------------------------|-------------|----------------------------|----------|-------------------------|---------------|----------|-----------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total Depth Total Depth Water Level Measurement | (SL) Top of Casing Elevation | | | | cm) Specific Conductance | | ő, | 1,1,1-Irichloroethane 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 | | Carbon Disulfide | Chloroform | cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-12-Dichloroethene | Trichloroethene | Xylenes, Total | Carbon Dioxide Ethane | A) Ethene | Methane | Manganese | Ferric iron Sulfate | Suffide | Phosphorous Ammonia | (mg/L) Total Alkalinity | Ferrous Iron | Acetic Acid Formic Acid | Lactic Acid | Propionic Acid Chloride | | Dehalococcoides spp (1) | TCER-Dase (1) | | VC R-Dase |
| | 1 | | | | | (ft. AMSL) | E | (SU) | | _ | (0) | | | | | | | | | (ng/L) | | | - | | | | Tall | | (ug/L) | | | | | | Ĕ. | | | | | <u> </u> | | (cells / mL) | | |
| | Monitoring event | BL1 | 4/7/2011 | -1489 | 14.5 | | - | 7.04 | | 3.62 | | _ | 7.4 | ₽: | 3.5 | 9 9 | 3.3 | € 5 | 7. | 2 2 5 | 울 | 22 | | 99 | 2.1 CN | 5 5 5 | 1.7 | | | | | | | | | | | | | | | | | |
| | Monitoring event | BL2 | 3/12/2015 | -54 | 14.5 | 689.1 | 686.5 | 1.45 | -140 | 0 0 | 9.48 | | 2 2 | 2 | 8. 8. 8. | 9 9 | 2 5 | 22 | 2 | 2 2 2 | 3.7 | 99 | 0.82 ND | 99 | 9 9 | 2 2 2 | 0.73 | | | | | | | Not Sa | mpled | For T | hasa F | Parami | eters | | | | | |
| | Monitoring event | P1 | 7/29/2015 | 85 | 14.5 | 689.1 | 686.8 | 5.63 | -23.2 | 4.348 | 21.25 | 2,060 B | 2 2 | 2 | 89 | 3.1 ∫ | 250 CIN | 1.3 | ₽ 9 | 2 2 2 | 94 | 2 2 | 2 2 | 99 | U 76.0 | 09.0 | 1.7 J | | | | | | | 1401 00 | impica | 1011 | 11030 1 | arann | Cicio | | | | | |
| | Monitoring event | P2 | 4/8/2016 | 339 | 14.5 | 689.1 | 8.989 | 6.82 | -102 | | 22.29 | | 2 2 | 2 : | 9 9 | 9 9 | 25 CN | 33.5 | 28 | 8.8 | 2 2 | 99 | 2.4 2.4 | | | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P3 | 7/13/2016 | 435 | 14.5 | 689.1 | 0.789 | 6.82 | -101.6 | 2.230 | 22.29 | 21 | 2 2 | 2 | 22 | 9 9 | 9 9 | 99 | 2 : | 2 2 | 2 2 | 22 | 22 | 99 | 2 2 | 2 2 2 | 2 2 | | | | Not | Samp | led F | or The | se Para | amete | rs | | | | 1.77E+02 | 1.58E+01 | <2.5E+01 | <2.5E+01 |
| | Monitoring event | P4 | 10/13/2016 | 527 | 14.5 | 3.27 689.1 | | 6.88 | -80.7 | 1.870 | 18.9 | 22.2 | 2 2 | 2 | 2 2 | 2 2 | 2 2 | 22 | 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 8 | S Q | | | | | | | | | | | | | | | | | |
| | Monitoring event | P5 | 1/25/2017 | 631 | 14.5 | 689.1 | | 6.81 | -100 | ` | 9.41 | 17 | 2 | 2 | 2 2 | 2 2 | 2 2 | | ₽; | 2 2 | 2 2 | 2 2 | 3.0 J | 9 9 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P6 | 4/11/2017 | 707 | 14.5 | 2.94 689.1 | | 6.77 | _ | | 13.7 | | 9 9 | 2 | 9 9 | 9 9 | 9 9 | 99 | 2 | E 8 | | 9 9 | 9 9 | 99 | 9 9 | 999 | 2 2 | | | | | | | | | | | | | | | | | |
| MW-43S | Monitoring event | P7 | 7/10/2017 | 797 | 14.5 | 3.35 689.1 | - | 7.02 | -77.3 | ` | 18.4 | 11.9 | 2 2 | 2 | 2 2 | | | 22 | | \rightarrow | \rightarrow | \rightarrow | \rightarrow | 99 | 9 9 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P8 | 10/19/2017 | 898 | 14.5 | 689.1 | - | 6.88 | | 1.530 | 25 8 | 12.3 | 2 2 | 1 1 | 0.48 ND | 9 9 | 2 2 | Q 0.98 | 2 | 2 2 2 | 0.64 | 0.54 | 0.12 ND | - 1 1 | | 8 2 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P9 | 1/2/2018 | 973 | 14.5 | 3.35 689.1 | | 1.92 | -83.7 | 0 | 6.65 | 11.9 | 2 2 | 2 | 9 9 | 9 9 | 2 2 | 22 | ₽; | 8 Q 2 | 2 2 | 9 9 | 9 9 | | | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P10 | 4/11/2018 | 1072 | 14.5 | _ | 9 | 6.9 | | 0 | 7 = | | 9 9 | 2 | 9 9 | 9 9 | 2 2 | 99 | 9 | 2 2 2 | 2 2 | 99 | 99 | 99 | 2 2 | 2 2 2 | 3.0 J | | | | | | | Not Sa | mpled | For T | hese F | Param | eters | | | | | |
| | Monitoring event | P11 | 7/12/2018 | 1164 | 14.5 | 689.1 | - | 7.01 | -85.9 | _ | 18.7 | 5.8 B | 2 2 | 2 | 2 2 | 9 9 | 2 2 | 22 | 2 | 2 2 2 | - 1 - 1 | | 1.4 | 99 | 9 9 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P12 | 10/19/2018 | 1263 | 14.5 | 3.32 689.1 | _ | 6.96 | -89.1 | 1.118 | 18.6 | 7 | 2 2 | 2 | 9 9 | 9 9 | 2 2 | 99 | 2 3 | S S | 2 2 | 99 | 2.7 J | 99 | 2 2 | 999 | 2 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P13 | 1/8/2019 | 1344 | _ | 689.1 | _ | 7.01 | | | 13.1 | | | | | | | 22 | | | | | | | | 2 2 2 | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P14 | 4/17/2019 | 1443 | 14.5 | | w | 2.79 | | 0 | 11.6 | | | | | | | 99 | | _ | | _ | | | | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P15 | 7/26/2019 | 1543 | 14.5 | | | 6.24 | | | 19.5 | 143 | 2 2 | 9 | 2 2 | 9.8 J | 26 J | 8 8 | 2 | 2 2 2 | 2 2 | 99 | 99 | 99 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | | |
| | Monitoring event | P16 | 10/18/2019 | 1627 | 14.5 | 689.1 | 686.5 | 6.77 | -62.8 | 1.169 | 17.6 | 4 | 2 2 | 2 | 2 2 | 9 9 | 2 2 | 22 | 2 | 2 2 2 | 2 2 | 99 | 99 | 99 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | | |

| | | | | | | Well | | Fiel | d Parai | neters | | | | | | | | | voc | s | | | | | | | Dissol | ved Ga | sses | | | | We | t Chemi | istry | | | | | Q Pote | ntial (DNA |) |
|----------|------------------------|-------|-----------|---------------------------|--|------------|----------------------|------------------|----------|--------|-------|---|---------------------------------------|---|--------------------|--------------------------------|----------------------|-----------------------------|-----------|--------------------------------------|---|---|----------------------------------|-------|---|----------------------------------|--------------------------|-----------|---------|-----------|---------|---------|---------|-------------------------|----------------------|----------------------------|-------------------------------|---|-----|-------------------------|---------------|--------|
| Well ID | Event / Description | n | Date | Elapsed Time (Days) | Total Depth Total Depth OC) Water Level Measurement | Topo | AMSL) Head Elevation | Dissolved Oxygen | Oxidatio | and L | | L) Carbon, Total Organic 1,1,1-Trichloroethane | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene | 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone | Benzene Carbon Disulfide | | Chloromethane cis-1.2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethone | | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide Ethane | L) Ethene | Methane | Manganese | Suffide | Nitrite | | L) BOD Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride Demois Acid | Bac | Dehalococcoides spp (1) | TCER-Dase (1) | - Dane |
| | | | | | (feet) | (ft. AMSL) | (ft. AM | (mg/L) | E S | D/Sm) | (°) | m) | | | | | | | (ug/L) | | | | | | | | | (ng/ | | | | | | m) | | | | | | | [S] [H] | |
| | Monitoring event | P17 | 1/8/2020 | 1709 | 14.5 | 689.1 | 687.1 | 0.26 | -49.2 | 1.410 | 11.1 | 19.8 E | 2 | 2 2 | 99 | 2 2 | 99 | 9 9 | 5.4 D | 2 2 | 22 | 99 | 2 2 2 | 2 2 9 | 99 | 99 | | | | | | | | | | | | | | | | |
| | Monitoring event | P18 4 | 4/14/2020 | 1806 | 14.5 | | _ | 0.83 | 35.6 | 1.337 | 10.01 | 12.8 ND | 2 5 | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 | K.4.3 | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | 9 9 | | | | | | | | | | | | | | | | |
| | Monitoring event | P19 1 | 10/7/2020 | 1982 | 14.5 | 689.1 | 686.7 | 0.64 | -126 | 1.185 | 18.2 | 14.1 DN | 2 5 | 2 2 | 99 | 2 2 | 9 9 | 2 2 | 2 2 | 5.5 ND | 99 | 99 | 2 2 2 | 2 2 9 | 9 9 | <u>R</u> | | | | | | | | | | | | | | | | |
| MW-43S | Monitoring event | 20 4 | 4/2/2021 | 2159 | 14.5 | 689.1 | 687.0 | 3.32 | -82.8 | 5.63 | 7.64 | 8.9 DN | 2 5 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 4.3 DN | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | N O | | | | | | | lat Car | nnlad | Cor Ti | nese P | arama | storo | | | | |
| MIAA-422 | Monitoring event | 21 10 | 0/25/2021 | 2365 | 14.5 | | 6.8 | 0.11 | | ٠ ١ | 17.7 | 11.9 E | 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 | 99 | 9 9 | 9 9 | 2 2 | 9 9 | 9 9 | | | | | | N | iot oal | iipied | 1 01 11 | iese P | arante | 1612 | | | | |
| | Monitoring event | P22 4 | 4/14/2022 | 2536 | 14.5 | 689.1 | 687.2 | 0.02 | | 10.3 | 10.4 | 7.3 ND | 2 | Q Q | 2 2 | 2 2 | 2 2 | 2 2 | 3.1 J | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 Q | | | | | | | | | | | | | | | | |
| | Monitoring event | 23 10 | 0/10/2022 | 2715 | 14.5 | 689.1 | 686.7 | 0.16 | -118.2 | 19.4 | 18.3 | 2 | 2 | Q Q | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event | 24 4 | 4/12/2023 | 2899 | 14.5 | 689.1 | 686.6 | 0.11 | -65.1 | 7.13 | 11.9 | 7.4 ND | S S | Q N | 2 2 | 2 2 | 2 2 | 2 5 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | Q Q | 9 | | | | | | | | | | | | | | | | |

| | | | | w | /ell | Fie | ld Paran | neters | | | | | | | | VOC | s | | | | | | | Dissolv | ed Gas | ses | | | | We | t Chemi | istry | | | | | Q Poten | tial (DNA) | |
|---------|------------------------|------------|---------------------------|--------|------------|------|-------------------------------|----------------|--|-----------------------|-----------------------|---------------------------------------|-------------------------------|----------------------|-----------------------------|--------|--------------------------------------|---|---|-------------------------------------|-------------------------------------|-----------------|----------------|---------|--------|---------|-----------|------------------------|---------|---------|---------|----------------------|-----------------------------|-------------------------------|--|-------------------|---------|--|--|
| Well ID | Event / Description | Date | Elapsed Time (Days) | | | | Oxidation Reduction Potential | Turbidity | Temperature , Carbon, Total Organic | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane 1,1-Dichloroethene | 1,2-Dichloroethane 2-Hexanone | 4-Methyl-2-pentanone | Benzene Carbon Disulfide | Chloro | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1.2-Dichloroethene | Trichloroethene | Xylenes, Total | | Ethene | Methane | Manganese | Ferric iron Sulfate | Nitrite | Ammonia | | Ferrous Iron Iron | Acetic Acid Form ic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride Pyruvic Acid | Dechlori Bacte | ria | TCER-Dase (1) BAVI VCR-Dase (1) VCR-Dase | |
| | | | | (feet) | (ft. AMSL) | | | | (°C) (mg/L) | | | | | | | (ug/L) | | | | | | | | | (ng/L) | | | | | | (mg/L) | | | | | | slleo) | JE JE | |
| | Monitoring event BL | 6/1/2011 | -1434 | 15 | | | | 45.1 | | 2 2 | 2 2 | 999 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 9 9 | 28 | 99 | 99 | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P1 | 7/29/2015 | 85 | 1.6 | 689.0 | 7.08 | | _ | 15.84 31.6 B | 9 9 | 2 2 | 999 | 2 2 2 | 2 2 2 | 2 2 8 | 2 2 | 99 | 22 | 99 | 99 | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P2 | 4/8/2016 | 339 | 15 | 689.0 | 7.23 | | 4.1 | 3.1 | 2 2 | 2 2 | 99 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 9 9 | 9 9 | 99 | 99 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P3 | 7/14/2016 | 436 | 4 4 | 689.0 | 7.18 | | 3.99 | 15.5 | 2 2 | 2 2 | 225 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 22 | 22 | 22 | 22 | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P4 | 10/11/2016 | 525 | 15 | 689.0 | 7.21 | | 6.9 | 15.3 | 2 2 | 2 2 | 999 | 2 2 2 | 2 2 2 | 999 | 2 2 | 99 | 99 | 99 | 99 | 2 2 | 999 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P5 | 1/25/2017 | 631 | 1.09 | 689.0 | 7.22 | -82.6 | 7.86 | 8.32 | 9 9 | 2 2 | 999 | 999 | 2 2 2 | 999 | 2 2 | 99 | 99 | 99 | 99 | 99 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P6 | 4/7/2017 | 703 | 15 | 689.0 | 7.12 | -94.1 | 10.1 | 7.4 | 2 2 | 2 2 | 22 | | 2 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P7 | 7/10/2017 | 797 | 15 | 689.0 | 7.32 | -66.7 | 4.62 | 1.5 | 2 2 | 2 2 | 999 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 22 | 2 2 | 22 | 22 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P8 | 10/16/2017 | 895 | 15 | 689.0 | 7.29 | -286 | 2.36 | 13.8 | 2 2 | 2 2 | 2 2 | | 2 2 | 2 2 | 2 2 | 22 | 2 2 | 22 | 2 2 | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring P9 | 1/2/2018 | 973 | 1.32 | 689.0 | 1.36 | -60.4 | NA A | 7.5 | DN 28 | 2 | 999 | 2 2 2 | 2 2 2 | 9 9 | 2 2 | 99 | 99 | 99 | 99 | 2 2 | 999 | 2 2 | | | | | | | | | | | | | | | | |
| MW-44S | Monitoring event P10 | 4/11/2018 | 1072 | 15 | 689.0 | 7.32 | -111 | NA NA | 6.75 | 9 9 | | 99 | | 2 2 2 | | 2 2 | | 99 | 99 | 99 | 2 2 | 999 | 9 | | | | | | | Not Sar | npled l | For Th | nese P | aramet | ers | | | | |
| | Monitoring event P11 | 7/12/2018 | 1164 | 15 | 689.0 | 7.2 | -83.5 | 1.51 | 14 1.2 B | 2 2 | 2 2 | 999 | | 2 2 2 | 2 2 2 | 2 2 | 22 | 22 | 22 | 22 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P12 | 10/23/2018 | 1267 | 15 | | 6.77 | -66.9 | | 14.0 | | - 1 - 1 | 2 2 | | 2 2 2 | | 2 2 | | | | | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P13 | 1/8/2019 | 1344 | 15 | 689.0 | 7.25 | -78.8 | 1.020 | 9.9 | 2 2 | 2 2 | 999 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 22 | 2 2 | 22 | 2 2 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P14 | 4/18/2019 | 1444 | 15 | | 7.43 | | | 9.1 | 2 2 | 2 2 | 99 | 2 2 2 | 2 2 2 | 9 9 | 222 | 99 | 99 | 99 | 99 | 22 | 99 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P15 | 7/26/2019 | 1543 | 15 | 689.0 | 7.37 | 23.2 | 0.964 538.2 | 15.6 0.77 J | 2 2 | 2 2 | 2 2 | | 2 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P16 | 10/17/2019 | 1626 | 1.29 | 689.0 | 7.01 | 22.8 | 4.88 | | 9 9 | 2 2 | 999 | 2 2 2 | 2 2 2 | 9 9 | 2 2 | 9 9 | 9 9 | 99 | 99 | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P17 | 1/8/2020 | 1709 | 15 | 689.0 | 7.09 | 81.3 | 2.39 | 7.0 | 2 2 | 2 2 | 2 2 | | 2 2 2 | 2 2 2 | 2 2 | ON ON | Q Q | S S | Q Q | 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P18 | 4/14/2020 | 1806 | 15 | | 7.13 | | _ | 7.8 | 9 9 | _ | 999 | | 999 | - | | 99 | | 99 | | - | 999 | _ | | | | | | | | | | | | | | | | |
| | Monitoring event P19 | 10/7/2020 | 1982 | 15 | | 3.01 | 44.8 | | 14.7 | 2 2 | 2 2 | 999 | | | | | | | | | 2 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | |
| | Monitoring event P20 | 4/2/2021 | 2159 | 15 | 689.0 | 13.7 | -55.1 | 13.01 | 1.4 | 2 2 | 2 2 | 225 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 22 | 2 2 | 22 | 99 | - | 2 2 2 | _ | | | | | | | | | | | | | | | | |
| | Monitoring event P21 | 10/25/2021 | 2365 | 15 | 689.0 | 7.17 | -39.2 | 4.30 | 14.5 | 2 2 | 2 2 | 999 | 2 2 2 | 2 2 2 | 9 9 | 2 2 | 99 | 2 2 | 99 | 99 | 2 2 | 9 9 | 2 2 | | | | | | | | | | | | | | | | |

| | | | | | | Well | | F | ield Pa | ramete | rs | | | | | | | | | VO | S | | | | | | | | Disso | lved G | iasses | | | | | W | Vet Ch | emistr | у | | | | | | Q Pote | ntial (I | DNA) | |
|---------|--------------------|-----|------------|---------------------------|------------|------------------------|----------------|----------------------|-------------------------------|---------------------|------------------------|----------------------|--|-----------------------|-------------------|--------------------------------|-----------------|-------------------------------|---------------------------|--------------|--------------|--|-------------|--------------------|------------------------------------|----------------------------------|----------------|--------------------------------|---------------|--------|---------|---------|-----------------------------|---------------------|---------|---------|--------|---------------------|-------|-------------|------------|-------|--------|--------------------------|---------------|---------------|-------------------|-------|
| Well ID | Event Descripti | | Date | Elapsed Time (Days) | otal Depth | op of Casing Elevation | lead Elevation | H issolved Oxygen | Oxidation Reduction Potential | pecific Conductance | urbidity emperature | arbon, Total Organic | ,1,1-Trichloroethane ,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane | ,1-Dichloroethane | ,2-Dichloroethane -Hexanone | -Butanone (MEK) | -Metnyl-z-pentanone cetone | enzene arbon Disulfide | Chloroethane | hloromethane | is-1,2-Dichloroethene lichlorodifluoromethane | thylbenzene | lethylene chloride | letnyl Acetate etrachloroethene | oluene ans-1,2-Dichloroethene | richloroethene | Inyl chloride ylenes, Total | arbon Dioxide | thene | lethane | litrate | Mangan ese - erric ir on | ulfate ulfide | litrite | Ammonia | 00 | otal Alkalinity | ron | cornic Acid | actic Acid | ĕ | s Acid | Parlocicococides spp (1) | nating ria | CE R-Dase (1) | AV1 VC R-Dase (1) | Genes |
| | | | | | (feet) T | (ft. AMSL) | | d (ns) | | (mS/cm) S | (NTUs) | (mg/L) | - - | - | - - | - 2 | 01 4 | 4 4 | ш | (Jay) | | 0 0 | ш 2 | : 2 4 | 2 1- | F 5 | - > | > X | 0 11 | (ug/L) | Z | Z | 2 11 | ω ω | Z a | LIKI | 5 11 | (J ₀ 6E) | = < | 4 LL | 2 - | I a C |) E. | | | mL) T | _ 6 | _>_ |
| | Monitoring event | P22 | 4/12/2022 | 2534 | 15 | 0.89 | 682.2 | 7.15 | -71.4 | 1.006 | 10.0 | 0.79 J | 2 2 | 2 | Q Q | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | S S | | | | | | | | | | | | | | | | | | | | |
| MW-44S | Monitoring event | F23 | 10/10/2022 | 2715 | 15 | - 8 | | 7.01 | | 1.050 | | \perp | 9 9 | 2 | 2 2 | 9 9 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | | | | | | | N | Not Sa | ample | ed Fo | r The | se Pa | aram | eters | | | | | | |
| | Monitoring event | P24 | 4/11/2023 | 2898 | 15 | 4.57 | 684.4 | 7.22 | 57.6 | 1.020 | 18.10 | 1.4 | 9 9 | 2 | 2 2 | 9 9 | 2 | 2 2 | 9 9 | 2 | 2 2 | 9 | 9 9 | 2 2 | 2 2 | 9 9 | 2 | 2 2 | | | | | | | | | | | | | | | | | | | | |

| | | | | | | Well | | Fiel | d Parai | neters | | | | | | | | | V | OCs | | | | | | | | Dissol | ved G | asses | | | | | w | et Ch | emistr | у | | | | | Q | Potent | ial (DNA | i) |
|---------|-------------------|-----|------------|---------------------------|--------------------------------------|-------------------------|----------------|--------|----------|-------------|-------|-----------------------|---------------------------------------|-----------------------|--------------------|--|----------------------|---|-------|--------|------------------------|-----------------------------------|--------------------|----------------------------------|-------------------------------------|-----------------|----------------|----------------|--------|----------|-------------|-------------|--------------------|-------------|---------|---------------|-------------------------------|---------------------|-------------|----------------|----------------------------|--------------|-------------------------|---------|----------------|--------------------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total Depth Water Level Measurement | Top of Casing Elevation | Head Elevation | | Oxidatio | Turbidity | | Carbon, Total Organic | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone | Benzene Benzene Carbon Dissellido | טןט | S S | cis-1,2-Dichloroethene | Ethylbenzene Methylcyclohevane | Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene | Xylenes, Total | Carbon Dioxide | Ethene | Methane | Nitrate | Ferric Iron | Suffate Suffide | Nitrite | Ammonia | υ <u>m</u> | Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid | n-Butyric Acid | Propionic Acid Chloride | Pyruvic Acid | Dehalococcoides spp (1) | a | TCE R-Dase (1) | BAVI VC K-Dase (1) |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (mg/L) | E) | (mS/cm) | (0,) | (mg/L) | | | | | | | | (ug/L) | | | | | | | | | (ng/L) | | | | | | | ĵ, | | | | | | | | (cells/ | Ę | |
| | Monitoring event | BL1 | 6/17/2010 | -1783 | 26 | 698.7 | 690.5 | 8.32 | 61.4 | 0.492 | | SN | 2 2 | 2 2 | 2 2 | 2 2 2 | S - | ND 17.1 | ND ON | 9 9 | 2 2 | 2 2 2 | 2 2 5 | 2 2 | 9 9 | 2 2 | 2 2 | | | | | | | N | ot Sa | ımple | d Fo | r Thes | se Para | ame | ters | | | | | |
| | Monitoring event | BL2 | 8/2/2010 | -1737 | 26 | 698.7 | 8.069 | 90.7 | | _ | - | S S | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 3 | ON O | 99 | 2 2 | 9 9 | 2 2 5 | 9 9 | 9 9 | 9 9 | 2 2 | | | | | | | | or ou | пріс | | 11100 | oc i aic | amo | 1013 | | | | | |
| | Monitoring event | BL3 | 11/5/2014 | -181 | SZ « | 9 | w | 0.87 | _ | _ | - | SN | | | | N | lot Sa | mpled | For | These | e Par | amete | ers | | | | | 3,200 | S S | 3,900 | Q S | 2.3 | 9.1 NS | ON 000 | 0.37 | 18.7 | 260 | 2.4 NS | S S S | SS | SN SN | SS | | | pled For | |
| | Monitoring event | BL4 | 3/12/2015 | -54 | 29 | 698.7 | 692.0 | 1.08 | \$ | 10.01 | 8.41 | 7.4 | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 9 9 | 2 2 | 99 | 2 2 | 9 9 | 2 2 5 | 9 9 | 9 9 | 2 2 | 2 2 | | | | | | | N | ot Sa | ımple | d Fo | r Thes | se Para | ame | ters | | | | | |
| | Monitoring event | P1 | 7/28/2015 | 84 | 26 | 698.7 | 691.9 | 6.0 | -104.4 | 4.18 | 13.97 | 3.3 B | Q Q | Q Z | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | 1,600 | ON ON | 2,900 | ND S | QN Q | 4.4 NS | 2 2 | 0.32 | 9.9 2.6 | 256 | 0.49 NS | 2 8 8 | 2 8 | SN SN | SS | | | | |
| | Monitoring event | P2 | 1/8/2016 | 248 | 26 | 698.7 | 691.1 | 0.84 | -91.9 | 9.95 | 10.21 | 2.0 B | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 | 99 | 2 2 | 2 2 2 | 2 2 5 | 22 | 99 | 2 2 | 2 2 | _ | 2 2 | 1,200 | P 5 | 1.3 | s Q | O.094 | 0.31 | 0.3 b | 269 B ND | | S S S | | | | | | | |
| | Monitoring event | P3 | 4/8/2016 | 339 | 26 | 698.7 | 691.7 | 0.38 | -28.5 | 7.11 | 9.53 | 6.1 | 2 9 | 2 2 | 99 | 299 | 99 | 299 | 2 2 | 99 | 99 | 999 | 2 2 9 | 99 | 99 | 9 9 | 2 2 | 2 2 | 2 2 | 1,600 | Q S | 5.1 | 8.9 QN | | 0.23 | | 221 0.094 J HF F1 | 5.2 | S S S | SN | SN NS | SS | | | | |
| MW-35D | Monitoring event | P4 | 7/12/2016 | 434 | 26 | 7:869 | 691.2 | 0.13 | 98.6 | 0.466 | 15.93 | 3.1 | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 | 99 | 9 9 | 2 2 2 | 2 2 5 | 99 | 99 | 9 9 | 2 2 | 10,000 | 2 2 | 099 | ND a | 2.6 | 3.4 J B | O.034 | 0.26 | 2.8 b | 253 0.10 H F | 2.7 | S S S | S S | SN SN | SS | | | | |
| | Monitoring event | P5 | 10/11/2016 | 525 | 26 | 7.869 | 0.069 | 0.78 | -115 | 0.455 | 14.3 | 6.1 | Q Q | QN C | 2 2 | 2 2 2 | 2 2 | 2 2 2 | N O | 2 2 | 2 2 | 2 2 2 | 2 2 5 | 2 2 | 9 9 | 2 2 | 2 2 | 11,000 | 2 2 | 1,300 | ND a so | 11.5 | 3.3 0.8 J | | 12.2 | | | 1 1 | S S S | - 1 | | | No | ot Sam | pled F | or |
| | Monitoring event | P6 | 1/24/2017 | 630 | 26 | 698.7 | 9.069 | 0.35 | -117.8 | 0.294 | 10.28 | 3.6 B | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 | 9 9 | 2 2 | 2 2 2 | 2 2 5 | 22 | 99 | 2 2 | 2 2 | 8,900 | 2 2 | | QN O | 3.7 | | O.12 | 0.13 F1 | 10.1 3.3 b | 157 ND | 3.7 | S S S | SS | SN SN | S S | The | ese Pa | ramete | ers |
| | Monitoring event | P7 | 4/10/2017 | 706 | 26 | 7.869 | 691.2 | 0.16 | -154 | 0.390 | 13.4 | 2.9 | S S | Q Z | 2 2 2 | 2 2 2 | 2 - Z | S S | N ON | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 9,200 | 2 2 | 2,500 | ND 00723 | | 2.7 ND | 0.059 | 0.26 | 3.7 | | | SN SN | SN | SN | NS | | | | |
| | Monitoring event | P8 | 7/7/2017 | 794 | 26 | 698.7 | 690.4 | 0.22 | -77.2 | 20.8 | 14.9 | 9.1 | 2 2 | 2 2 | 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 | 9 9 | 9 9 | 2 2 2 | 2 2 5 | 2 2 | 99 | 9 9 | | ~ | 2 2 | <u>س</u> | 9 | 1.8 | P.4. | 9 8 | 0.26 | 4.2 DN | 263 ND | 8. 8 | S S S | SZ | SN SN | SS | | | | |
| | Monitoring event | P9 | 10/17/2017 | 896 | 26 | 698.7 | 689.8 | 0.23 | -321.4 | 11.8 | 13.4 | 2.2 | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 2 | S S | 9 9 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | | - | 2 2 | 5,300 | ND 200 | 1.3 | 2.7 ND | ND 0.033 | 0.29 | 2.7 | 275 ND | 6. L | S S S | SN | SN SN | NS | | | | |
| | Monitoring event | P10 | 1/3/2018 | 974 | 26 | 698.7 | 691.4 | 1.46 | -145.2 | 0.319 NA | 9.88 | 2.6 | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 5 | 2 2 | 2 2 | 99 | 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | - | 2 2 | 9,800 | QN S | | 2.0 ND | | | | | | 2 8 8 | 2 8 | S S | SS | | | | |
| | Monitoring event | P11 | 4/10/2018 | 1071 | 26 | 698.7 | 692.1 | 0.78 | -108.8 | N AN | 9.77 | 7.3 | 2 2 | 2 2 | 9 9 | 2 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 5 | 2 2 | 99 | 2 2 | 2 2 | 19,000 | 2 2 | 8100 | 0.037 J | 5.7 | 2.4 J ND | 0.042 | 0.070 | 10.3 b | 228 ND | 5.7 | 2 8 8 | 2 8 | SN SN | SS | | | | |

| | | | | | | Well | | Field | d Paran | neters | | | | | | | | | VC | OCs | | | | | | | Dis | ssolved | i Gass | es | | | | ١ | Wet C | hemistr | ry | | | | | (| Q Potent | tial (DNA) |) |
|---------|-------------------|-----|------------|---------------------------|--------------------|------------------------------|---------------------------|--------|--|-----------|------------------|---------------------------|---------------------------------------|--|--------------------|------------------|---------------------------------|-----------------------------|---------|------------------------------------|--|-----------------------------------|--------------------------------------|-------------------|--------------------------|----------------|----------------------------------|---------|----------|---------|-----------|---------|----------|------------------------|---------|--------------------------------------|---------------|-------------------------|-------------------------------|----------------------------|--------------|---|----------|----------------|---|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | (feet) Total Depth | ASL) Top of Casing Elevation | ASL) Head Elevation D PH | - | Oxidation Reduction Potential Specific Conductance | Turbidity | (°C) Temperature | (L) Carbon, Total Organic | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene | 2-Hexanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloroe | (ug/L) Chloroform Chloromethane | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene | trans-1,2-Dichloroethene | Vinyl chloride | Xylenes, Total Carbon Dioxide | | Ethene | Methane | Manganese | Sulfate | Nitrite | Phosphorous Ammonia | COD | (mg/L) Total Alkalinity Ferrous Iron | Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid Chloride | Pyruvic Acid | Department | ia | TCE R-Dase (1) | |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (mg/L) | (v m) | (NTUs) | 5 | Ĕ. | | | | | | | | 5 | | | | | | | | (na/L) | <u> </u> | \perp | | | | | | Ĕ | | | | | | | 8 | JE (| |
| | Monitoring event | P12 | 7/9/2018 | 1161 | 26 | 7.869 | 691.1 | 0.2 | -145.1 | 49.7 | 14.5 | 2.9 B | 2 2 | 9 9 | 2 2 | 2 2 2 | ND S | Q Q | 2 2 | 2 2 | 9 | 2 2 | 2 2 | 2 2 | 2 2 5 | 2 2 | 000'E9 | Q | S | 6,200 | 0.75 B | 2.5 | 2 2 | 0.63 | 26.5 B | 248 B | 7.7 | S S | SN SN | SN SN | S S | | | | |
| | Monitoring event | P13 | 10/22/2018 | 1266 | 29 | 7.869 | 675.2 | 0.35 | | 90 | 11.9 | 2.5 ND | 2 2 | 9 9 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 22 | 9 9 | 2 2 | 0.55 J ND | 2 2 | 2 2 5 | 2 2 | 9,200 | Q. | _ | 0009 | 0.34 B | 1.8.1 | 2 2 | 0.89 B | | | 17.8 | S S | S S | SN SN | S S | | | | |
| | Monitoring event | P14 | 1/4/2019 | 1340 | 26 | | 675.3 | 0.55 | -176.4 | 980 | 10.7 | 2.6 | 2 2 | 9 9 | 999 | 2 2 2 | 2 2 | 99 | 2 2 | 99 | 9 9 | 99 | 99 | 9 9 | 2 2 5 | 2 2 | 11,000 B | | 9 | 10,000 | , I . | رادا، | | | 16.1 F1 | 190 B | 98.8 | S S | SN SN | s s | S S | | | | |
| | Monitoring event | P15 | 4/18/2019 | 1444 | 29 | 698.7 | 691.5 | 2.41 | 19.9 | 17.37 | 11.4 | 5.6 UN | 2 2 | 2 2 | 2 2 2 | 2 2 2 | ON P. | 2 2 | 2 2 | 22 | 9 9 | Q Q | 2 2 | 2 2 | 2 2 | 2 2 | 15,000 B | QN | Q. | 009'6 | 0.4 | 2.1 | | 0.89 B | SN | 163 E8 | 14.3 | S S S | SS SS | S S | S S | | | | |
| | Monitoring event | P16 | 7/22/2019 | 1539 | 29 | 698.7 | 691.2 | 2.16 | -70.8 | 0.429 | 13.7 | 8; E | 2 2 | 9 9 | 9 9 | 2 2 2 | 2 2 | 99 | 2 2 | 99 | 9 9 | 99 | 99 | 9 9 | 2 2 5 | 2 2 | 11,000 | | 2 | 10,000 | 0.066B | 2 9 | 2 2 | 0.31 | 2 2 | 227 | 7.1 | S S S | S S | NS 7.5 | SN | | | | |
| | Monitoring event | P17 | 10/17/2019 | 1626 | 29 | 698.7 | 692.0 | 0.16 | -105.6 | 0.450 | | 2.6 | 2 2 | 2 2 | 2 2 2 | 2 2 2 | Q Z | 2 2 | Q Q | 22 | 2 2 | 22 | 22 | 2 2 | 22 | 2 2 | QN | | | | | Samp | led Fo | or The | ese P | 'arame | eters | | | | | | | | |
| | Monitoring event | P18 | 1/8/2020 | 1709 | 29 | 698.7 | 691.9 | 0.46 | 33.7 | 51.6 | 8.5 | 2.5 | 9 | 9 9 | 99 | 2 2 2 | ₽ 2.5. | 2 2 | 2 2 | 99 | 9 9 | 99 | 99 | 99 | 2 2 9 | 2 2 | 2 | | | | Not | Samp | led Fo | or The | ese P | 'arame | eters | | | | | | | | |
| MW-35D | Monitoring event | P19 | 4/14/2020 | 1806 | 29 | 7.869 | 692.2 | 0.74 | 87.9 | 48 | 9.79 | 3.5 | 2 2 | 9 9 | 999 | 2 2 2 | 9 9 | 2 2 | 2 2 | 0.45J | 9 9 | 99 | 99 | 99 | 2 2 5 | 2 2 | 11,000 | | 9 | 11,000 | 0.83 | 14.1 | 2 2 | 0.22 | S S | 313 | 2 2 | S S S | SN SN | 8.4 | NS O | | | npled Fo | |
| | Monitoring event | P20 | 10/6/2020 | 1981 | 29 | 698.7 | 690.3 | 0.3 | -146.1 | 324 | 13 | 8.1 CN | Q Q | 2 2 | 2 2 | 2 2 2 | Q Z | 2 2 | Q Q | 2 2 | 2 2 | ND 31J | 2 2 | 2 2 | 22 | 2 2 | 13,000 | ND | Q | 11,000 | 1.9B | | | 0.36 | | | ; - . | S S S | S S | NS 6.4 | SN S | | | | |
| | Monitoring event | P21 | 4/5/2021 | 2162 | 29 | 698.7 | 692.1 | 6.71 | 75.2 | 12.4 | 11.15 | 4.7 CIN | 2 2 | 9 9 | 999 | 99 | 2 5 | 99 | 2 2 | 99 | 9 9 | 99 | 99 | 2 2 | 2 2 5 | 2 2 | 12,000 | 9 | 9 | 230 | 0.20 B | 9.5 | 0.029 JB | 0.026 | SN S | 227 0.094.IHF | 4.7 | S S | SN SN | NS 01 | NS S | | | | |
| | Monitoring event | P22 | 10/21/2021 | 2361 | 29 | 698.7 | 692.1 | 0.17 | -543 | 25.5 | 13.1 | 5.3 | 2 2 | 9 9 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 22 | 9 9 | Q Q | 2 2 | 2 2 | 2 2 5 | 2 2 | 13,000 | QN | 2 | 7,300 | | | 의 | SN SN | | 4 | :l. l. | S S | s s | S S | SN | | | | |
| | Monitoring event | P23 | 4/7/2022 | 2529 | 29 | 698.7 | 693.7 | 7.75 | 32.5 | 50.25 | 10.9 | 8.3 | Q Q | 9 9 | 2 2 | 2 2 2 | Q S | 2 2 2 | Q Q | 22 | 2 2 | Q Q | Q Q | 2 2 | 2 2 5 | 2 2 | ND 41,000 | ND | Q. | 260 | SN | 4.6 | 2 2 | NS ND | SN SN | 237 B | 2.5 | S S S | SN SN | SN SN | SN | | | | |
| | Monitoring event | P24 | 10/7/2022 | 2712 | 29 | 698.7 | 691.3 | 0.22 | -155.3 | 113 | 12.9 | 4.01 CN | 2 2 | 9 9 | 9 9 | 2 2 2 | 9 9 | 999 | 2 2 | 99 | 99 | 99 | 99 | 99 | 2 2 5 | 2 2 | 34,000 | 9 | 9 | 2,700 | NS | 1.1. | 2 2 | SN SN | SN SN | 249 B | | S S | SN SN | SN SN | SN | | | | |
| | Monitoring event | P25 | 4/7/2023 | 2894 | 29 | 698.7 | 692.9 | 4.54 | 164.3 | 228 | 9.8 | 4.7 CN | Q Q | 2 2 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | Q Q | 22 | 9 9 | 22 | 2 2 | 2 2 | 2 2 5 | S S | 48,000 | Q | Q | 550 | S S S | 2.2 J | 2 2 | S S | S S | 236 ND HF | SZ S | S S S | S S | o z | SN | | | | |

| | | | | | | Well | | F | ield Par | ameters | , | | | | | | | | VOCs | | | | | | | D | issolved | Gasses | | | | Wet | Chemistr | у | | | | Q Poten | tial (DNA) | |
|---------|--------------------|-----|------------|---------------------------|--------|---|-------|---------------------|----------|------------------------------------|---------------|--------------------------|---------------------------------------|---|--------------------|------------------|---------------------------------|------------------|--------|------------------------|-----------------------------------|--------------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------------|----------|----------------|----------------------|---------|-----------------------------|---------|-----------------------------------|---------------------|-------------------------|--|--------------|---------|------------|-----------|
| Well ID | Event Descripti | | Date | Elapsed Time (Days) | | DC) Water Level measurement SL) Top of Casing Elevation | | pH Dissolved Oxygen | ŏ | m) Specific Conductance Turbidity | | L) Carbon, Total Organic | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene | 2-Hexanone (MEK) | 4-Methyl-2-pentanone Acetone | Carbon Disulfide | | cis-1,2-Dichloroethene | Ethylbenzene Methylczclobosene | Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | | Ethene Methane | Nitrate Manganese | Sulfate | Suffide Nifrite Phosphorous | Ammonia | BOD Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid | n-Butyric Acid Propionic Acid Chloride | Dechlor Bact | eria | | VC R-Dase |
| | | | | | (feet) | (ft. ATOC) | | (SU) | +- | | \vdash | (mg/L) | | | | | | | (ng/L) | | | | | | | 1 | (ua/L) | ? | | | | | (mg/L) | | | | | , , | (F | |
| | Monitoring event | BL1 | 6/17/2010 | -1783 | 21 | 5.4 | | 7.02 | 111 | 0.652 | 11.4 | SN | 2 2 | 2 2 5 | 2 2 ! | | 2 2 2 | | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 22! | | 2. S € | 2 | | | | | | | | | | | | | | |
| | Monitoring event | BL2 | 8/2/2010 | -1737 | 21 | 9 | 683.4 | 6.92 | -118 | 0.711 | 29.2 | SZ | 2 2 | | | 2002 | 21.7 21.7 | 0.93 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 5 | 2 2 | 0.74 J ND | Q N | | | | | | | | | | | | | | |
| | Monitoring event | BL3 | 3/10/2015 | -56 | 23.5 | 5.9 | 683.8 | 7.8 | 46.3 | 0.647 | 8.59 | 1.2 | 2 2 | | | 2 2 2 | 2 2 2 | 2 2 5 | 2 2 2 | 2 2 2 | 2 2 2 | | | | 22 | | | | | | | | | | | | | | | |
| | Monitoring event | P1 | 7/29/2015 | 85 | 23.5 | 6.25 | 683.4 | 5.75 | -64.1 | 5.357 | 15 | 4,880 B | 2 2 | UN 0.57 J | 2 2 | 130 | 2 2 2 | 9 9 | 2 2 2 | 2 2 2 | 2 2 2 | US J | 99 | 9 9 | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P2 | 4/8/2016 | 339 | 23.5 | 5.4 | 684.3 | 5.55 | 3.5 | 4.533 | 9.03 | 4,530 B | 2 2 | 22 | 2 2 : | 009 | 288 | 2 2 5 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 22! | 22 | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P3 | 7/11/2016 | 433 | 23.5 | 7.65 | 682.1 | 1.38 | -36.4 | 7.885 | 13.82 | 4,210 | 2 2 | 22 | 2 2 | 910 | 330 | 2 2 5 | 2 2 2 | 2 2 2 | 2 2 2 | 222 | 22 | Q Q | 2 2 2 | Q N | | | | | | | | | | | | | | |
| | Monitoring event | P4 | 10/12/2016 | 526 | 23.5 | 9.1 | _ | 5.79 | -145.2 | 10.070 | 17.16 | 4) | | 2 2 | | 1 | 020 020 | - 1 | 2 2 2 | | | | 22 | | 2 2 2 | | | | | | | | | | | | | | | |
| MW-36D | Monitoring event | P5 | 1/24/2017 | 630 | 23.5 | 5.88 | | 6.76 | -146 | 4.677 | 8.07 | · I | 2 2 | 2 2 5 | 2 2 : | ON 199 | 280 Z | 0.96.0 | 2 2 2 | 2 2 2 | 2 2 2 | 0.0 | 22 | 2 2 | 222 | Q N | | | | | N | ot Samp | pled Fo | r These | Paran | neters | | | | |
| | Monitoring event | P6 | 4/12/2017 | 708 | 23.5 | 5.15 | | 6.4 | -116 | 4.997 | 9.3 | 2,970 | 9 9 | 2 2 5 | 2 2 | 2 8 2 | 84 5 | 2 2 5 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 99! | 9 9 | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P7 | 7/6/2017 | 793 | 23.5 | 6.95 | 682.8 | 7.11 | -57.5 | 3.040 | 15.7 | 870 | | 2 2 5 | | | | | | | | | 2 2 ! | 9 9 | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P8 | 10/18/2017 | 897 | 23.5 | 7.5 | 682.2 | 7.15 | -317 | 2.520 | 14.9 | 152 | 9 | 2 2 5 | 2 2 | 260 | 5 5 5 | 0.53 | 2 2 2 | | 2 2 2 | | 22 | | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P9 | 1/4/2018 | 975 | 23.5 | 5.12 | 684.6 | 9.52 | -9 | 1.444 AA | 8.23 | 31.9 | 9 | 2 2 5 | 2 2 | | | | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 | 0.88 ND | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P10 | 4/9/2018 | 1070 | 23.5 | 5.21 | | 7.35 | -108 | 1.334 NA | 8.17 | 21.3 | 2 2 | 2 2 5 | 2 2 | Z 2 2 | 2 2 2 | 2 2 9 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | | | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P11 | 7/10/2018 | 1162 | 23.5 | 6.35 | 683.4 | 7.03 | -174 | 2.160 | 15.7 | 48.1 | 9 9 | 2 2 9 | 2 2 ! | 25 J* | 2 2 | 2 2 9 | 2 2 2 | 999 | 2 2 2 | 2 2 2 | 22 | 9 9 | 999 | 2 | | | | | | | | | | | | | | |
| | Monitoring event | P12 | 10/18/2018 | 1262 | 23.5 | _ | | 7.21 | | 36.8 | 11.9 | 15.8 | 2 2 | 2 2 | 2 2 | | | 2 2 5 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 222 | Q N | | | | | | | | | | | | | | |
| | Monitoring event | P13 | 1/8/2019 | 1344 | | 5.54 | | 7.39 | | 1.810 | 9.8 | 12.5 | 2 2 | 2 2 5 | 2 2 | 2 2 2 | 2 2 2 | 2 2 5 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 : | 9 9 | 999 | Q | | | | | | | | | | | | | | |
| | Monitoring event | P14 | 4/16/2019 | 1442 | 23.5 | | | 7.71 | | | \rightarrow | 14.4 | 2 2 | 22 | 2 2 | 202 | 2 2 2 | 2 2 5 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 22 | 2 2 | 999 | Q N | | | | | | | | | | | | | | |

| | | | | | | Well | | Fi | ield Par | ameter | s | | | | | | | | | voc | s | | | | | | | | Disso | Ived G | asses | | | | | Wet 0 | Chemis | stry | | | | | | Q Pote | ntial (D | ONA) | |
|---------|-----------------------|---------|------------|---------------------------|--------------------|---------------|---------------------------|--------------------------|----------|------------------------------|---------------------------------|------|-----------------------|-----|--------------------|--------------------|------------------|---------------------------------|-----------------------------|--------------------------------|-------|--|--------------|---|----------------------------------|---------|---|----------------------------------|----------------|---------------|---------|---------|------------|---------|-------------|-------|-------------------------|----------------------|----------------------------|-------------|----------------------------------|--------------------------|---|--------|-------------------------|--------------------|-----------|
| Well ID | Event / Descriptio | / on | Date | Elapsed Time (Days) | (feet) Total Depth | | (ft. AMSL) Head Elevation | (SU) PH Dissolved Oxygen | ŏ | (mS/cm) Specific Conductance | NTUS) Lucidity (*C) Temperature | Carl | 1,1,1-Trichloroethane | ane | 1,1-Dichloroethane | 1,2-Dichloroethane | 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloroethane (ug/L) Chloroform | , 0 | cis-1,2-Dichloroethene Dichlorodifluoromethane | Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene | trans-1,z-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide | (ug/L) Ethene | Methane | Nitrate | Ferriciron | Suffide | Phosphorous | COD | (mg/L) Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid | n-Butyric Acid Proplonic Acid | Chloride Pyruvic Acid | Dechlori Bacte (1) Devaloccocoides Devaloccocoides (2) | eria | (cells / TCE R-Dase (1) | BAVI VC R-Dase (1) | VC R-Dase |
| | Monitoring event | P15 | 7/25/2019 | 1542 | 23.5 | ₹. | | 7.52 | | 0 | 350.2 | Τ | 9 9 | 2 2 | 9 9 | 2 2 2 | 2 2 : | 22 | 9 9 | | | 2 2 | 2 2 | 2 2 | 9 g | 9 2 | 2 2 | 99 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P16 | 10/18/2019 | 1627 | 23.5 | | _ | 7.2 | -99.4 | - | 11.6 | | 2 2 | N O | 2 2 | 2 2 2 | 2 2 | 9 9 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 2 2 | 9 9 | 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P17 | 1/8/2020 | 1709 | 23.5 | 4.90 689.7 | 684.7 | 6.99 | -20 | 1.570 | 14 | 17.9 | 2 2 | S O | 2 2 | 2 2 2 | 2 2 5 | 9 9 | 9 9 | 2 2 | 2 2 2 | 2 2 | 2 2 | 3.6J | 9 9 | 2 | 2 2 | 9 9 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P18 | 4/15/2020 | 1807 | 23.5 | 4.75 | 685.0 | 6.97 | 28.7 | 1.388 | 8.48 | 13.6 | 9 9 | 2 2 | 2 2 | 2 2 2 | 2 | 9 9 | 9 9 | 2 2 | 2 2 9 | 2 2 | 2 | 2 2 | 9 9 | 2 | 2 2 | 9 9 | | | | | | | | | | | | | | | | | | | |
| MW-36D | Monitoring event | P19 | 10/9/2020 | 1984 | 23.5 | 9 | | 7.46 | -111 | - | 13.3 | 6.6 | 2 2 | S S | 2 | 2 2 2 | 2 | 2 2 | 2 2 | 2 2 | 2 2 2 | 2 2 | 2 : | 3.6J | 2 2 | 2 | 2 2 | 2 2 | | | | | | | | | | n | | | | | | | | | |
| | Monitoring event | P20 | 4/6/2021 | 2163 | 23.5 | _ | | 7.5 | -76.3 | 0 | 9.06 | 12.9 | 2 2 | S S | 2 2 | 999 | 2 2 | 9 9 | 9 | 2 2 | 2 2 | 2 2 | 2 | 2 2 | 9 9 | 2 2 | 2 2 | 9 9 | | | | | | | | | | " | | | | | | | | | |
| | Monitoring event | P21 | 10/22/2021 | 2362 | 23.5 | 7.1.6 | | 7.76 | -169 | - | 12.7 | 13 | 9 9 | 2 2 | 9 9 | 999 | 2 2 ! | 9 9 | 9 9 | 9 9 | 9 9 | 2 2 | 2 9 | 3.62 | 9 9 | 2 2 | 2 2 | 99 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P22 | 4/11/2022 | 2533 | 23.5 | 689.7 | | 7.39 | -159 | - | 9.8 | 11.8 | 2 2 | S S | 2 2 | 999 | 2 2 | 9 9 | 2 2 | 2 5 | 2 2 | 2 2 | 2 | 2 2 | 9 9 | 2 | 2 2 | 2 2 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P23 | 10/5/2022 | 2710 | 23.5 | | | 7.21 | -149 | , | 17.1 | 10.5 | 9 9 | 2 2 | 9 9 | 9 9 | 2 9 | 9 9 | 9 9 | 2 2 | 9 9 | 2 2 | 2 | 9 9 | 9 9 | 2 2 | 2 2 | 9 9 | | | | | | | | | | | | | | | | | | | |
| | Monitoring event | P24 | 4/12/2023 | 2899 | 23.5 | 4./4 | 685.0 | 7.14 | -98.1 | 1.409 | 10.7 | 9.4 | 9 9 | 2 2 | 2 2 | 2 2 | 2 ! | 9 9 | 9 9 | 2 2 | 2 2 2 | 2 2 | 2 | 2 2 | 9 9 | 2 | 2 2 | 9 9 | | | | | | | | | | | | | | | | | | | |

| | | | | Well | F | ield Parai | neters | | | | | | | VOCs | | | | | | Dis | ssolved (| Gasses | Wet Chemi | stry | QP | otential (DNA) |
|---------|------------------------|------------|---------------------------|---|--|------------|--|---------|---|---------------------------------------|------------------|---------------------------------|------------------|--------|---|------------|--|-------------------------------------|-----------------------------------|-------------------------------|-----------------|---------|--|--|--------------------------|--|
| Well ID | Event / Description | Date | Elapsed Time (Days) | Total Depth CO) Water Level Measurement SL) Top of Casing Elevation | SL) read Elevation PH Dissolved Oxygen | | m) specific Conductance s) Turbidity Temberature | . 0 | 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1,2-Trichloroethane | 1,1-Dichloroethane 1,1-Dichloroethane | 2-Hexanone (MEK) | 4-Methyl-2-pentanone Acetone | Carbon Disuffide | | cis-1,2-Dichloroethene Dichlorodifluoromethane | hylbenzene | Methylene chloride Methyl Acetate Toward Incommend | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane Ethane | Methane | Mirrate Marganese Ferriciran Sulfrate Sunfrate Mirrite Mirrate Ammonia COB | Ferrous fron Iron Acetic Add Formit Add Leafle Add In Buryr Add Orborion: Add Chorde Pyruve Acid | Dechlorinati Bacteria | TCER-Dase (1) BAVI VCR-Dase (1) VCR-Dase |
| | | | | | (ft. AMSL) (SU) | | - | (mg/L) | | | | | | (ng/L) | | | | | | | (ug/L) | | (mg/L) | | | (cells / mL) |
| | Monitoring event BL1 | 6/18/2010 | -1782 | | 685.7 7.23 5.14 | | 8.9 | SN SN | 999 | 999 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 99 | 99 | 999 | 222 | 99 | 2 | | | | | | |
| | Monitoring event BL2 | 8/3/2010 | -1736 | | 7.15 | | 2.98 | | 999 | 999 | 2 2 | Ø 7.7 | 5 5 | 2 2 2 | 99 | 99 | 999 | 99 | 99 | 2 | | | | | | |
| | Monitoring event BL3 | 3/10/2015 | -56 | 22.5 4.98 690.1 | 8 85.1 | -80.3 | 0.073 | 101 | 999 | 999 | 2 2 | 99 | 2 2 2 | 2 2 2 | 99 | 99 | 999 | 222 | 99 | 9 | | | | | | |
| | Monitoring event P1 | 7/29/2015 | 85 | 22.5 5.4 690.1 | 6.42 | -84.5 | 29.6 | 1,060 B | Q Q Q | 2 2 2 | 28 28 | 2 6 | 2 2 2 | 2 2 2 | 22 | 22 | 2 2 2 | 2 2 2 | 2 2 | 2 | | | | | | |
| | Monitoring P2 | 4/8/2016 | 339 | 22.5 4.28 690.1 | 685.8 | -107 | 20 20 8 28 | | Q Q Q Q | 2 2 2 | 390 J | 22 | 2 2 2 | 2 2 2 | 2 2 | Q Q | 2 2 2 | 2 2 2 | Q Q | Q. | | | | | | |
| | Monitoring P3 | 7/12/2016 | 434 | | 9.95 | | 7.34 | 60.9 | 999 | 9 9 9 | 130 | ₽ 8 ! | 2 2 2 | 2 2 2 | 99 | 99 | 999 | 99 | 22 | 9 | | | | | | |
| | Monitoring P4 | 10/12/2016 | 526 | | 6.98 | | 10.8 | | Q Q Q | | 2 Q 0 | - | 2 2 2 | 2 2 2 | 222 | Q Q | | 2 2 2 | Q Q | Q | | | | | | |
| | Monitoring P5 | 1/24/2017 | 630 | | 6.93 | -87.7 | 11.1 | 18.3 | 9 9 9 | 2 2 2 | 2 S S | 22 | 2 2 2 | 2 2 2 | 99 | 22 | 2 2 2 | 2 2 2 | 9 9 | Q. | | | | | | |
| | Monitoring P6 | 4/11/2017 | 707 | | 7 | | 11.4 | 6.3 | 999 | 999 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 22 | 99 | 999 | 999 | 99 | 9 | | | | | | |
| MW-37D | Monitoring event P7 | 7/10/2017 | 797 | | 7.08 | | 13.3 | 4.4 | 9 9 9 | 2 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 22 | 22 | 2 2 2 | 2 2 2 | 22 | Q. | | | Not Sampled F | For These Parameters | | |
| | Monitoring P8 | 10/18/2017 | 897 | | 7.13 | | 6.8 | 5.3 | 999 | 999 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 2 2 | 99 | 999 | 2 2 2 | 99 | 2 | | | | | | |
| | Monitoring P9 | 1/5/2018 | 976 | | 10.22 | | 0.764 NA | 6.2 B | 9 9 9 | 999 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 99 | 99 | 999 | 2 2 2 | 99 | 9 | | | | | | |
| | Monitoring P10 | 4/11/2018 | 1072 | | 7.86 | | 0.639 NA | | 2 2 2 2 | | 2 2 2 | 22 | 2 2 2 | 2 2 2 | 22 | Q Q | 222 | 2 2 2 | Q Q | Q | | | | | | |
| | Monitoring event P11 | 7/11/2018 | 1163 | | 7.29 | | 8.27 | 1.6 B | 9 9 9 | 2 2 2 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 22 | 22 | 222 | 2 2 2 | 2 Z | Q | | | | | | |
| | Monitoring event P12 | 10/18/2018 | 1262 | | 682.8 | | 10.2 | | 9 9 9 | 2 2 2 | 2 2 2 | 22 | 2 2 2 | 2 2 2 | 22 | 22 | 222 | 2 2 2 | Q Q | Q. | | | | | | |
| | Monitoring event P13 | 1/19/2019 | 1355 | | 7.33 | -132 | 1.060 | 3.4 | 999 | 999 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 99 | 99 | 999 | 99 | 99 | 9 | | | | | | |
| | Monitoring event P14 | 4/17/2019 | 1443 | | 7.43 | | 29.7 | 2.9 | 2 2 2 | 2 2 2 | 2 2 2 | 22 | 2 2 2 | 2 2 2 | 2 2 | Q Q | 2 2 2 | 2 2 2 | 22 | Q Q | | | | | | |
| | Monitoring event P15 | 7/24/2019 | 1541 | | 7.19 | | | 1.6 | 999 | 999 | 2 2 2 | 99 | 2 2 2 | 2 2 2 | 99 | 99 | 999 | 99 | 99 | 9 | | | | | | |
| | Monitoring event P16 | 10/18/2019 | 1627 | | 7.22 | | | 1.8 | 9 9 9 | | 2 2 2 | | 2 2 2 | | | | | 2 2 2 | 28 | 2 | | | | | | |

| | | | | | Well | | Fiel | d Param | eters | | | | | | | | VO | Cs | | | | | | | Dissolv | ed Gasse | es | | | w | Vet Chem | nistry | | | | QP | otential (E | NA) |
|---------|------------------------|--------------|---------------------------|--------|-------------|----------------|--------|--|--------|-----------------------|------|-----------------------|--------------------|----------------------------------|---------------------------------------|--------------------|--------|---------------|---|---|----------------|-------|---|----------------------------------|--------------------------|-------------------|---------|-------------------------------------|--------------------|------------------------|-------------------------------|--------------|----------------------------|---|-------------------------------------|---------------------------|-----------------|---------------------------------|
| | | | | | \top | | | | | | Π, | | Τ | | | | | | | | | | | | | | | | | | | | | П | | Dechlorinatii Bacteria | Funct | ional Genes |
| Well ID | Event / Description | Date | Elapsed Time (Days) | Total | Water Level | Head Elevation | | Oxidation Reduction Potential Specific Conductance | F F | Carbon, Total Organic | 1213 | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,2-Dichloroethane 2-Hexanone | 2-Butanone (MEK) 4-Methyl-2-pentanone | Acetone Benzene | | Chloromethane | Cis-1,z-Dichloroemene Dichlorodifluoromethane | Ethylbenzene Methylcyclohexane Methylene chloride | Methyl Acetate | 등 : | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide Ethane | Ethene Methane | Nitrate | Manganese Ferric iron Sulfate | Suffide Nitrite | Phosphorous Ammonia | COD BOD Total Akalinity | Ferrous Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid Pronionic Acid | Proponic Acid Chloride Pyruvic Acid | Dehalococcoides spp (1) | TCE R-Dase (1) | BAVI VC R-Dase (1) VC R-Dase |
| | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (mg/L) | (ms/cm) | (NTUS) | (ag/L) | | | | | | | (Indi) | (ngvr) | | | | | | | | (ng/L) | | | | | (mg/L) | | | | | | (cells / mL) | |
| | Monitoring event P | 1/8/2020 | 1709 | 22.5 | 4.06 | 686.0 | 0.33 | 45.5 | 3.55 | 2.1 | 2 2 | S S | 2 | Q Q | g g | 22 | 1.3 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 9 9 | | | | | | | | | | | | | | |
| | Monitoring event P1 | 8 4/15/2020 | 1807 | 22.5 | 3.98 | 9 | 0.78 | 64.4 | | 1.8 | 2 2 | 2 2 | 9 9 | Q Q | 9 g | 99 | | 2 2 2 | | 2 2 2 | 2 2 2 | | 2 2 2 | 2 2 | | | | | | | | | | | | | | |
| | Monitoring event | 10/7/2020 | 1982 | 22.5 | 6.52 | 683.6 | 0.3 | 113 | 6.01 | 12.6 | 2 2 | 2 2 | 9 9 | Q Q | 9 9 | 99 | 2 2 | 9 9 9 | 2 2 5 | 999 | 2 2 2 | | 2 2 2 | 9 9 | | | | | | | | | | | | | | |
| | Monitoring event P2 | 20 4/5/2021 | 2162 | 22.5 | 4.41 | 5.7 | 2.19 | -53.5 | 3.75 | 9.93 | 2 2 | 2 2 | 9 9 | ON ON | 9 8 | 22 | | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 9 9 | | | | | | | | | _ | | | | | |
| MW-37D | Monitoring event P2 | 10/21/2020 | 1996 | 22.5 | 4.38 | 685.7 | 0.19 | -100 | 4.08 | 13.1 | 2 2 | 9 9 | 9 9 | 9 8 | 9 9 | 99 | 2 2 2 | 9 9 9 | 2 2 5 | 999 | 2 2 2 | 2 2 2 | 2 2 2 | 9 9 | | | | | | Not Sa | ampled | For Ih | ese Pa | ramete | ers | | | |
| | Monitoring event P2 | 22 4/13/2022 | 2535 | 22.5 | 3.75 | | 0.11 | -112 | 21.94 | 11.5 | 2 2 | 2 2 | 9 9 | Q Q | Q Q | 22 | 2 2 | 2 2 2 | 2 2 | | 2 2 2 | 2 2 2 | 2 2 2 | 9 | | | | | | | | | | | | | | |
| | Monitoring event P2 | 10/6/2022 | 2711 | 22.5 | 5.80 | 684.3 | 0.02 | -91.3 | 24.8 | 12.5 | 2 2 | 2 2 | 2 2 | Q Q | 9 g | 22 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 9 9 | | | | | | | | | | | | | | |
| | Monitoring event P2 | 4/12/2023 | 2899 | 22.5 | 3.75 | 686.4 | 0.1 | -74.8 | 14.3 | 10.1 | 2 2 | 2 2 | 2 2 | N N | 9 N | 28 | 2 2 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | | | | | | | | | | | | | | |

| | | | | | | Well | | Fie | ld Parai | meters | | | | | | | | , | VOCs | | | | | | | Diss | olved G | asses | | | | | Wet | Chemis | itry | | | | | Q Pot | ential (D | NA) |
|---------|-------------------|-----|------------|---------------------------|-------------------------------------|-------------------------|------------|------------------------|----------|--------------------------------|-------|-------------|---------------------------------------|--------------------|----------------------------------|------------------|--------------------|------------------|---------------|------------------------|-----------------------------------|---|------------------------------|---|----------------------------------|----------------|---------|---------|----------------------|------------------------|---------------|-------------|--------|-------------------------|----------------------|----------------------------|-------------------------------|----------------|----|-------------------------|-----------------|-----------------------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total Depth Water Level Measurement | Top of Casing Elevation | | pH Dissolved Oxygen | ŏ | Specific Conductance Turbidity | | 2 - | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1-Dichloroethane | 1,2-Dichloroethane 2-Hexanone | 2-Butanone (MEK) | Acetone Benzene | Carbon Disulfide | Chloromethane | cis-1,2-Dichloroethene | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene Toluene | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dloxide | Ethane | Methane | Nitrate Manganese | Ferric iron Sulfate | Suffide | Phosphorous | COD | BOD Total Alkalinity | Ferrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid n-Butyric Acid | Propionic Acid | Ba | Dehalococcoides spp (1) | TCE R-Dase (1) | BAVI VC R-Dase (1) |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (SU) | (m V) | (mS/cm) (NTUs) | (C) | (mg/L) | | | | | | | (ng/L) | | | | | | | | (ug/L) | | | | | | | (mg/L) | | | | | | | (cells / | |
| | Monitoring event | BL | 6/22/2010 | -1778 | 21 | 13.21 | 674.5 | 1.1 | 20.5 | 0.716 | 14.23 | SN ON | Q Q | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 2 | 4 | 270 ND | 22 | 230 J 300 | ND 11,000 | ND 730 J | | | | | | | NI-4 | C | -11- | Th | D- | | | | | | |
| | Monitoring event | BL2 | 8/4/2010 | -1735 | 21 | | - | 6.92 | | _ | 18.1 | SN G | 9 9 | 99 | 99 | 99 | 99 | 9 9 | 2 2 | 13,000 | 2 2 2 | 99 | 130 | 2,100 | ND 260 J | | | | | | | | | | or The | | | | _ | | | |
| | Monitoring event | BL3 | 11/5/2014 | -181 | 24 | 689.7 | 9 | 0.21 | | 0.658 NS | 12.85 | SZ | | | | Not | Sampl | ed Fo | or Thes | e Par | amete | ers | | | | 5,500 | 8 8 | 1,200 | ND 0.025 | 0.98 | S S | 0.27 | 229 | 489 | 0.98 | 88 | S S | SN SN | 2 | | ampled Param | |
| | Monitoring event | BL4 | 3/10/2015 | -56 | 24 | 5:32 | 684.3 | 7.78 | -2.3 | 0.778 | 7.89 | 2.5 ND | 2 2 | 99 | 2 2 | 99 | 22 | 1 | 2 2 2 | ., | | | | | 260 ND | | | | | | | | | | or The | | | | | | | |
| | Monitoring event | P1 | 6/12/2015 | 38 | | - 1 | NS (G | rab Sa | mple) | | | 2 | 2 2 | 2 2 | 2 2 | 2 2 | 22 | 2 2 | 2 2 2 | 6 5 | 2 2 2 | 22 | 28 | 18 J | 20 ND | | | 1 | | | 1 | | | | | | | | | | | |
| | Monitoring event | P2 | 7/27/2015 | 83 | 24 | 7.689 | 684.0 | 5.67 | -57.6 | 739 | 17.39 | 7,240 ND | 2 2 | 99 | 2 2 | 9 9 | 99 | 2 2 | 2 2 2 | 390 | 3.8 | 99 | 2 2 | QN 8.9 | 60 | 7 | 2 2 | 000'9 | ₽ 8 | 397 UD | 2 2 | | | | 105 | 693 | 746 1860 | 996 SN | 2 | 8.41E+02 | <2.50E+01 | 1.20E+02 1.47E+01J |
| | Monitoring event | P3 | 1/7/2016 | 247 | 24 | 5.6 | 684.5 | 5.39 | 22.2 | 6.189 | 9.7 | 4,650 ND | 9 9 | 2 2 | 99 | 610 ND | 8 2 | 2 2 | 999 | 280 | 999 | 99 | 99 | 99 | 4 8 | 20,000 | 9 9 | 570 | 9 € | ND 2.0.5 | 22 | 1.8 | 14,300 | ND 5860 | 664 HF 477 | S S | SN SN | SN SN | 2 | | | _ |
| MW-38D | Monitoring event | P4 | 4/8/2016 | 339 | 24 | 689.7 | 685.0 | 6.31 | -75 | 4.248 | 8.83 | 2,540 ND | 2 2 | 3.8.1 | Q 69 | 1,000 | 129 129 | 2 2 | 2 2 2 | 820 | 2.3 E. G | 1.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | 22 | 99 | 240 | 9,700 | 9 9 | 1,300 | DN 2.4 | 102 ND | 99 | 1. 2 | 8,670 | >1499.20 H 4220 | 347 HF 449 | S S | s s | SN SN | 0 | Not S These | ampled Param | For eters |
| | Monitoring event | P5 | 7/12/2016 | 434 | 24 | 689.7 | 683.4 | 6.89 | -159 | | | | QN CN | 2 2 | 2 2 2 | 1,100 CN | 130 ND | 2 2 | | 8 8 | 2 2 2 | 2 2 2 | QN QN | 98 | 29 ND | 14 | 2 2 | 5,400 | ND ND 1.0 B | 108 ND | 0.064 J ND | 2 2 3 5 | 37600 | >1477.73 H b 3910 | 119 HF 227 | S S | SN SN | SN | 2 | 4.00E+04 | 1.78E+02 | 2.22E+04 6.96E+02 |
| | Monitoring event | P6 | 10/12/2016 | 526 | 7.35 | 689.7 | 682.3 | 7.33 | -149.4 | 51.9 | 14.3 | 1,310 B | 2 2 | 5.1.5 | 99 | 98 5 | £ 5 | 5 4 | 2 2 2 | 99 | 2 2 | 99 | UD 7.7. | 99 | 58 8.2 J | 100,000 | 9 9 | 1,900 | 0.042B | 32.8 ND | 99 | | 3,860 | 3,020 | 33.2 | 2 2 | S S | SN SN S | 2 | Not C | omplod | For |
| | Monitoring event | P7 | 1/23/2017 | 629 | 24 | 5.22 | 684.4 | 1.08 | -138.8 | 2.997 | | | QN CN | 2 2 | 2 2 2 | 520 CN | 87 J ND | N & | 2 2 2 | 2 2 | 2 2 2 | 99 | ND 6.7 J | 2 2 | 14 9.3 J | | 2 2 | | 0.022 | 1 1 | | 0.69 | 2,050 | 2,040 H b 3 | 15.3 HF 33.5 | S S | S S | SN SN S | 2 | | ampled Param | |
| | Monitoring event | P8 | 4/12/2017 | 708 | 24 | 4.4 | 685.3 | 7.32 | -163.5 | 2.526 | 8.4 | 459 B | 9 9 | 2.1.J | 99 | 099 | 98 QN | ND 17 | 2 2 | 99 | 5.7 DN | 2.0 J | ND 7.5 | 99 | 6.7 | 120,000 | 9 9 | 4,300 | 0.017 | 24 ND | 9 9 | 0.59 | 1300 | 667 Hb 2,290 B | 노니 | S S | S S | SN SN | 2 | 1.09E+04 | 1.60E+02 | <2.50E+01 1.08E+03 |
| | Monitoring event | P9 | 7/7/2017 | 794 | 24 | 7.689 | 684.0 | 7.61 | -115.7 | 19.5 | 18.4 | 370 ND | QN CN | 2 2 | 2 2 | 720 CN | 47 QN | 0.81 J | 2 2 | 2 2 | 3.9 J | 2 2 | ND 5.9 | Q Q | 11 | 92,000 | 2 2 | 4, | | | Q Q | | | 708 H b 1,840 | 11.2 | S S | | SN SN | | Not S | ampled | For |
| | Monitoring event | P10 | 10/18/2017 | 897 | 24 | 7.689 | 685.3 | 0.49 | -278.7 | 2.060 | 13.6 | 113 ND | 2 2 | 19 1 | 22 | 2 4 5 | 33 | S K | 2 2 2 | 27 | 9.6 | 2 2 | 98 38 | 5.1 ND | 30 | | 2 2 | 15,000 | ND 0.0062 | 1.3 ND | 20 | 0.85 | 323 | 133 Hb 1,300 B | 1.0 JHF 2.3 | S S | S S | SN SN | 0 | | Param | |

| | | | | | | Well | | Field | Param | eters | | | | | | | | voo | Cs | | | | | | Diss | olved Ga | sses | | | | | Wet Ch | emistr | у | | | | Q | Potential (I | DNA) |
|---------|---------------------|-----|------------|---------------------------|--|------------------------------------|-----------------------------------|-------------------------|--|--------|-----------------------------|---|---|--------------------|------------|----------------------|--------------------|-------------------------|---------------|---|---|-------------------------------------|---|-------------------------------|----------------|---------------|---------|----------------------|------------------------|--------------------|------------------------|----------------|--------------------------------------|---------------------|----------------------------|----------------------------------|--------------------------|--|----------------------------|----------------------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | (feet) Total Depth (f. ATOC) Water Level Measurement | (ft. AMSL) Top of Casing Elevation | (ft. AMSL) read Elevation (SU) PH | (mg/L) Dissolved Oxygen | (mV) Oxidation Reduction Potential (mV) Specific Conductance | | ng/L) Carbon, Total Organic | 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene | 2-Hexanone | 4-Methyl-2-pentanone | Benzene Benzene | Chloroethane Chloroform | Chloromethane | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | I oluene trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide | (ug/L) Ethene | Methane | Nitrate Manganese | Ferric iron Suffate | Sulfide Nitrite | Phosphorous Ammonia | COD | (mg/L) Total Alkalinity Ferrous Iron | Iron Acetic Acid | Formic Acid Lactic Acid | n-Butyric Acid Propionic Acid | Chloride Pyruvic Acid | Dechlorina Bacteria (t) dd % s s s s s s s s s s s s s s s s s | (cells / mL) TCER-Dase (1) | BAVI VC R-Dase (1) |
| | | | | | € | <u> </u> | £ _ | 5 | ٤ | . & | ٤ | | | | | | | | _ | | | | | | | | | | | | | | 5 | | | | | | <u> </u> | |
| | Monitoring event | P11 | 1/4/2018 | 975 | 24 NA | 689.7 | ₹ | ¥ | ¥ 4 | A A | 77.1 | 2 2 | 9 9 | 2 5 | ND SE | S Q Y | S S | 23 | 2 2 2 | Q 4.1 | 28 | 요요; | S S | 5.1 | 81,000 | 9 9 | 22,000 | 0.0059 | 6.8 ND | Q Q | 0.56 0.095 F1 | 245 147 H b | 1,680 CN | SN SN | SN SN | S S | 8 8 8 | The | t Sample se Paran | neters |
| | Monitoring event | P12 | 4/10/2018 | 1071 | 24 | 689.7 | NA 7.51 | 1.09 | 1381 | A P | 19.2 | 9 9 | 99 | 99 | 2 2 | 2 2 2 | 2 2 2 | 5 4 5 | 299 | 3.15 | 99 | 993 | | £ 8 € | œ l | 9 9 | 30 | OND 0.0067 | 3.6 ND | 99 | 0.45 | | 1440 B | 3.6 NS | s s | S S | 2 8 8 | 1.81E+02 | 6.36E+01 | 1.25E+01 5.16E+01 |
| | Monitoring event | P13 | 7/11/2018 | 1163 | 24 | | 682.8 | | -180.6 2 296 | 2 2 | 29.9 | 2 2 | N 4.3 | 2 2 | N ± | - - - | | 2 8 2 | 2 2 2 | 0.9 0.9 | 22 | 229 | 2 2 2 | 9 8 | 6 | 9 9 | 18,000 | 0.014 B | 5.3 ND | Q Q | 0.97 | 220 B 125 | 1520 B | 7.8 NS | s s | S S | SSSS | | t Sample se Paran | |
| | Monitoring event | P14 | 10/17/2018 | 1261 | 24 | 689.7 | 7.76 | 0.25 | 1.836 | 20.1 | 32.5 | 2 2 | 2 S | 2 2 | 2 2 | 3 2 | ND 2 | 55 | 2 2 8 | 2.2 S | 2 2 | 2 2 3 | 8 2 2 | 2 2 2 | 71,000 | 9 9 | 12,000 | 0.008 | 2.8 ND | 밀밀 | 0.78 B 0.60 | 14.6 | 1,280 UN | 8.8 NS | 8 8 | S S | 2 8 8 | | t Sample se Paran | |
| | Monitoring event | P15 | 1/4/2019 | 1340 | 24 | 689.7 | 684.6 | 0.2 | -138.9 | 14.8 | 11.5 | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 2 | | | 222 | 22 | 22 | 223 | GN CN | 2 2 | 73,000 B | 21 ND | 16,000 | 0.0044 | 1.9 ND | QN QN | 0.48 | | 1370 B ND HF | | SN SN | S S | S S S | No The | t Sample se Paran | d For neters |
| | Monitoring event | P16 | 4/16/2019 | 1442 | 24 | 689.7 | 7.82 | 2.89 | 1 952 | 49.17 | 15.9 | Q Q | Q Q | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 5 6 5 | 2 2 2 | 22 | 22 | 223 | Z.4.3 | ON 18. | 73,000 | 32 | 13,000 | O.0068 B | 2.1 ND | Q Q | 1.1 | s s | 1 1 | _ | s s | S S | S S S | | t Sample se Paran | |
| | Monitoring event | P17 | 7/24/2019 | 1541 | 24 | 689.7 | 684.7 | 0.51 | -134 | 123.11 | 641 | 2 2 | 22 | 2 2 | 12 J | 2 2 | 8 8 2 | 8.7 G | S Q 7 | 99 | 2 2 | 2 2 3 | C GN CN | 4.5 J | 290,000 | 2 2 | 8,400 | 0.17 B | 65.9 ND | Q Q | ND 0.24 | 9 9 | 1,410 3.5 HF | 68.4 B | S S | SZ SZ | 52.3 NS | | t Sample se Paran | |
| | Monitoring event | P18 | 10/17/2019 | 1626 | 24 | 689.7 | 685.0 | 0.19 | -148.2 | 39.45 | 148 | 9 9 | 99 | 9 9 | 2 2 | 3 2 2 | 2 2 2 | 5 5.0 | 299 | S 8.3 | 99 | 993 | 5 B S | 9 2 | 180,000 | 9 9 | 12,000 | O 1.0 | 55.9 ND | 0.12 | NS 0.08 | s s | 1,330 0.12 HF | S Z | S S | SN SN | 21.6 NS | | t Sample se Paran | |
| MW-38D | Monitoring event | P19 | 1/7/2020 | 1708 | 24 | 689.7 | 685.5 | 0.62 | -121.6 | 13.8 | 126 | Q Q | Q Q | 2 2 | 5.7 J | ND S | 2 2 | 3.1 | 2 2 2 | 3.7.J | Q Q | 98: | 4.4 ON | S 5 = | 160,000 | 2 2 | 12,000 | 0.082 | 34.6 ND | QN QN | NS QN | S S | | 0,0 | SN SN | S S | 19.4 NS | | t Sample se Paran | |
| | Monitoring event | P20 | 4/14/2020 | 1806 | 24 | 689.7 | 7.09 | 0.95 | 1.736 | 27.2 | 58.9 | 2 2 | 22 | 2 5 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | ON 4.4 | 99 | 223 | 2. S S | ₽ P E | 180,000 | 9 9 | 160,000 | 0.068 | 17.3 ND | 9 9 | SN ON | S S | 1,090 | | s s | S S | 15.9 NS | | t Sample | |
| | Monitoring event | P21 | 10/12/2020 | 1987 | 24 | 689.7 | 683.4 | 0.88 | -98.3 | 22.3 | 170 | Q Q | 2 2 | 2 2 | QN Sec | ND SE | 8 2 2 | 2 2 2 | 2 2 2 | 22 | ND 4.2 | 222 | 2 2 2 | ON 15.3 | 48,000 | 2 Q | 14,000 | 0.021 | 4.2 ND | QN Q | NS | SN SN | 1,040 ND HF | 4.2 NS | SN SN | SZ SZ | NS 18 | The | se Paran | |
| | Monitoring event | P22 | 4/5/2021 | 2162 | 24 | 689.7 | 7.43 | 2.08 | -87.4 | 9.04 | 25.3 | 2 2 | 22 | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 99 | 22 | 225 | 2 2 2 | 2 2 | 000'86 | 9 9 | 20,000 | 0.40B | 10.3 | Q Q | NS 0.12 | S S | 640 ND HF | 10.3 NS | S S | S S | 13.3 NS | 2.18E+02 | 3.63E+01 | <2.50E+01 |
| | Monitoring event | P23 | 10/22/2021 | 2362 | 3 91 | 689.7 | 685.8 | 0.13 | 1.76.1 | 16.2 | 24.8 | Q Q | Q Q | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 222 | 2 2 | Q Q | 22 | 222 | 2 2 | 51,000 | 2 2 | 15,000 | 0.042J | 8.5 ND | QN QN | NS NS | S S | 803 B | 8.5 NS | S S | S S | S S S | | | |
| | Monitoring event | P24 | 4/12/2022 | 2534 | 24 | 689.7 | 6.95 | 0.13 | 2.6 | 38.82 | 6.2 | 9 9 | 99 | 9 9 | 2 2 | 2 2 2 | 2 2 2 | 2 9 9 | 299 | 99 | 99 | 999 | 2 2 2 | 99 | 000'69 | 9 9 | 16,000 | 0:030 J NS | 2.8 | 99 | SN SN | SN SN | 402 ND HF | 2.8 NS | SN SN | SZ SZ | S S S | No | t Sample | d For |
| | Monitoring event | P25 | 10/6/2022 | 2711 | 24 | 689.7 | 684.7 | 0.14 | -99.5 | 50.6 | 11.2 | 2 2 | 22 | 2 2 | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 99 | 28 | 225 | 2 2 2 | 99 | 31,000 | 9 9 | 20,000 | 0.02J NS | 3.1 8.7 J | 9 Q | NS NS | S S | 486 0.30 HF | 3.4 NS | SN SN | S S | S S S | | se Paran | |
| | Monitoring event | P26 | 4/7/2023 | 2894 | 24 | 689.7 | 7.17 | 0.15 | 9 | 29.5 | 10.8 | 2 2 | 22 | 22 | 5 S ± | - 8 % | 2 2 2 | 2 2 2 | 2 2 2 | 99 | 2 2 | 225 | 222 | 99 | 35,000 | 9 9 | 28,000 | S S | NS 5.2 | 22 | SN SN | SN SN | 344 ND HF | S S | SN SN | SZ SZ | S S S | | | |

| | | | | | ١ . | Well | | Field | Param | eters | | | | | | | | | VOCs | | | | | | | Dis | solved | Gasses | | | | ١ | Vet Che | mistry | | | | | 2 Potenti | | |
|---------|-----------------------|--------|-----------|---------------------------|---|----------------------------|---------------|------------------|---------|-------|--------------------------------------|--------|---------------------------------------|--------------------|--------------------|------------------|------------------------------|------------------|--------------|------------------------|--------------|---|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------------|--------|--------|---------|-------------------------------------|---------|------------------------|---------|-------------------------------|-------------|---|--------------------------------------|--------------|-----------|----------------|--|
| Well ID | Event / Descriptio | | Date | Elapsed Time (Days) | Total Depth Total Depth Water Level Measurement | L) Top of Casing Elevation | pH | Dissolved Oxygen | | | Temperature Carbon, Total Organic | 1. | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1-Dichloroethane | 1,2-Dichloroethane | 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Carbon Disulfide | Chloroform | cis-1,2-Dichloroethene | Ethylbenzene | Methylcyclohexane Methylene chloride | Methyl Acetate Tetrachloroethene | Toluene trans-1,2-Dichloroethene | Trichloroethene Vinyl chloride | Xylenes, Total Carbon Dioxide | Ethane | | Nitrate | Manganese Ferric iron Suffato | Suffide | Phosphorous Ammonia | | Total Alkalinity Ferrous Iron | Acetic Acid | Formic Acid Lactic Acid n-Butwic Acid | Propionic Acid Chloride Pyruvic Acid | ides spp (1) | | TCE R-Dase (1) | |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (mg/L) | (mS/cm) | (NTUs | (°C) | , , | | | | | | | (ug/L) | | | | | | | | (ug/L) | | | | | | (mg/L) | | | | | | /slleo) | <u>į</u> | |
| | Monitoring event | BL1 6 | 6/18/2010 | -1782 | 20 | | 685.7 | 4.93 | -49.6 | | _ | 17 | 2 2 | 4.7 J | GN CN | 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 2 2 | 99 | 2 | | | | | | | | | | | | | | | |
| | Monitoring event | BL2 8 | 8/3/2010 | -1736 | 20 | | 7.1 | _ | -138 | | 15.89 | | 2 2 | 5.8 | 2 2 | 9 9 | 5 4 5 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 9 9 | 99 | 9 | | | | | | | | | | | | | | | |
| | Monitoring event | BL3 3 | 3/10/2015 | -56 | 22.5 | | 685.0 | 0.77 | -47.4 | | | 2 | 9 9 | 2 2 | 9 9 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 99 | 99 | 2 | | | | | | | | | | | | | | | |
| | Monitoring event | P1 7 | 7/29/2015 | 85 | 22.5 | 689.7 | 5.76 | 0.4 | -63 | 767 | 17.12 | Q. | 2 2 | 0.80 | 2 2 | | | | | 2 2 2 | 2 2 2 | 2 2 2 | 2 0 | 9 9 | 98 | Q. | | | | | | | | | | | | | | | |
| | Monitoring event | P2 4 | 4/8/2016 | 339 | 22.5 | 689.7 | 685.6 | 0.43 | 3.505 | 120 | 7.17 | | 2 2 | | 2 2 2 | 910 | 250 J | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 9 9 | 99 | 2 | | | | | | | | | | | | | | | |
| | Monitoring event | P3 7 | 7/12/2016 | 434 | 22.5 | | 683.0 | 0.45 | -119 | | 14.8 | 9 | 2 2 | 2 2 | ₽ Q - Z | 340 | 2 8 5 | | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 9 9 | 99 | 9 | | | | | | | | | | | | | | | |
| | Monitoring event | P4 10 | 0/13/2016 | 527 | 22.5 | _ | 681.9 6.85 | 0.41 | 1 807 | | 12.2 | | 2 2 | 1 1 | 5 5 5 | | 5 8 5 | 1 1 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 99 | 99 | 9 | | | | | | | | | | | | | | | |
| | Monitoring event | P5 1 | 1/24/2017 | 630 | 22.5 | | 6.85 | | -117 | | _ | | | 2 2 2 | 1 1 | - | A 43 | 0 | _ _ - | 2 2 2 | | | | | 99 | | | | | | | | | | | | | | | | |
| | event | P6 4 | 1/11/2017 | 707 | 3.84 | | 685.9 | | 1350 | | | 9 | 2 2 | 2 2 | 2 5 5 | 28 5 | 5 6 5 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 0.73 J ND | 28 | 2 | | | | | | | | | | | | | | | |
| MW-39D | event | P7 7 | 7/6/2017 | 793 | 22.5 | 689.7 | 7.03 | | -90.9 | | | | | | | | | | | | | | | | 99 | | | | | | | Not S | ampled | d For Ti | hese l | Param | eters | | | | |
| | event | P8 10 | 0/18/2017 | 897 | 22.5 | | 683.5 | | 3 -314 | | | | 2 2 | - | - | - | - | | 2 2 2 | - | | 2 2 2 | 2 2 | 0.86 ND | 99 | 2 | | | | | | | | | | | | | | | |
| | event | P9 - | 1/9/2018 | 980 | 3.7 | | 6 9.33 | | 2 -53.8 | A N | | | 2 2 | - | _ | _ | 2 2 2 | | 2 2 2 | | 2 2 2 | | | | 2 2 | | | | | | | | | | | | | | | | |
| | event | P10 4 | 1/12/2018 | 1073 | 3.89 | | 7.15 | | -85.2 | | 5 8.75 | | | | | _ | | | 2 2 2 | | 2 2 2 | | - | | 99 | | | | | | | | | | | | | | | | |
| | event | P11 7 | 7/11/2018 | 1163 | 22.5 | | 7.06 | | -103 | | | | | | | - | | + | | - | | _ | | | 99 | | | | | | | | | | | | | | | | |
| | event | P12 10 | 0/17/2018 | 1261 | 5 22.5 | 7 689.7 | 0 683.2 | | 7.0.7 | | 11.7 | _ | | | 2 2 2 | | | | 2 2 2 | | 2 2 2 | | | | 22 | 2 | | | | | | | | | | | | | | | |
| | event | P13 | 1/7/2019 | 1343 | 5 22.5 | | 9 685.0 | | -126 | | | | | 222 | | | 2 2 2 | | 2 2 2 | | 2 2 2 | -1-1- | | | 99 | 2 | | | | | | | | | | | | | | | |
| | Monitoring | | 1/15/2019 | 1441 | 5 22.5 | | 7 7.25 | | 3 -79 | | | 2 2 | | | | | | | 2 2 2 | | | | _ | _ | 22 | _ | | | | | | | | | | | | | | | |
| | event | P15 7 | 7/24/2019 | 1541 | 22.5 | | 5.47 | | 2 049 | | | | _ | _ | 2 2 2 | _ | _ | - | | _ | _ | _ | _ | _ | 99 | | | | | | | | | | | | | | | | |
| | Monitoring event | P16 10 | 0/18/2019 | 1627 | 22.5 | 689.7 | 683.4 5.93 | 0.07 | -81.9 | 4482 | 10.8 | 2 2 | 2 2 | 2 2 | 2 2 2 | 8 8 | 2 2 2 | 2 2 3 | Q.49 Q.49 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 | 22 | 28 | 2 | | | | | | | | | | | | | | | |

| | | | | l w | 'ell | F | ield Par | ameters | | | | | | | | | VOCs | | | | | | | Dissolve | d Gass | es | | | | Wet Ch | emistry | | | | | Q Pot | ential (D | NA) |
|---------|------------------------|------------|---------------------------|------------|-------------------------|----------------------|--------------|-----------------------------------|-------|--|---------------------------------------|---------------------------------------|--------------------|---------------------------------------|-----------------------------|------------------|--------|------------------------|-------------------------------|-------------------|--------------------------------|--|--------------|----------|--------|----|------------------------|----------------|-------------|--------|------------------------|------------------|-----------|----------------|---|-------|-----------|--------------------|
| Well ID | Event / Description | Date | Elapsed Time (Days) | easurement | Top of Casing Elevation | Hd Signory Oxygen | on Potential | Specific Conductance Turbidity | ure | Sarbon, Total Organic 1,1,1-Trichloroethane | 1,1,2-Trichloro-1,2,2-trifluoroethane | .z-irichloroethane -Dichloroethane | 1,1-Dichloroethane | Butanone (MEK) | Wethyl-2-pentanone etone | | | sis-1,2-Dichloroethene | nylbenzene thylcyclohexane | sthylene chloride | trachloroethene | rans-1,2-Dichloroethene rrichloroethene | | | Ethene | | anganese erric iron | ffate ffide | Phosphorous | | Alkalinity ous Iron | on cetic Acid | ctic Acid | Propionic Acid | | | | BAVI VC R-Dase (1) |
| | | | | | | (SU) | | (mS/cm) Sp | | (mg/L) Ca | | <u> </u> | | - - - - - - - - - - | <u>4</u> ¥ 1 | <u>a</u> 0 t | (ug/L) | 8 5 5 | ŭ Š | ğğ | <u> </u> <u> </u> <u> </u> | 1 1 2 | \$ \$ \$ | | (ug/L) | ž | M H | 8 8 | ž ā š | (O)m | (mg/L) | <u>=</u> & : | ב ב | [<u>[</u>] | à | å | (cells / | A N |
| | Monitoring event P17 | 1/10/2020 | 1711 | 22.5 | 689.7 | 5.11 | 39.7 | 1.390 | 9.7 | 388.0 ND | 2 | 2 2 5 | 2 2 5 | 85 | 25 25 | 0.40 J | 2 2 2 | 99 | 22 | 99 | 2 2 | 999 | 2 2 | | | | | | | | | | | | | | | |
| | Monitoring event P18 | 4/16/2020 | 1808 | 3.61 | 689.7 | 5.77 | 132 | 1.124 | 89.9 | Z23 | | | | | | | | | | | | 222 | | | | | | | | | | | | | | | | |
| | Monitoring event P19 | 10/9/2020 | 1984 | 22.5 | 689.7 | 6.32 | -83.2 | 0.752 | 12.3 | 218.0 ND | 2 5 | 2 2 5 | 2 2 2 | 2 8 2 | 28 5 | N ON S | N ON C | 2 2 | Q Q | 2 2 | 2 2 | 999 | 28 | | | | | | | | | | | | | | | |
| | Monitoring event P20 | 4/5/2021 | 2162 | 22.5 | 689.7 | 6.95 | -45.3 | 0.539 | 10.33 | 251 ND | 2 5 | 2 2 5 | 2 2 | 5.4 | 0.47 0.47 | N N | 2 2 | 22 | 2 2 | 2 2 | 2 2 | 999 | 2 2 | | | | | | | | | | | | | | | |
| MW-39D | Monitoring event P21 | 10/21/2021 | 2361 | 3.95 | 689.7 | 5.67 | -106.1 | 1.270 | 14.1 | 244 ND | Q S | 2 2 5 | 2 9 2 | 2 4 5 | 2 2 2 | 2 2 | 2 2 2 | 2 2 | 2 2 | 9 9 | 2 2 | 999 | 28 | | | | | | Not | Sample | ed For | These | Param | eters | | | | |
| | Monitoring event P22 | 4/13/2022 | 2535 | 3.69 | 689.7 | 6.91 | -142 | 1.461 | 12 | 82.5 ND | 2 5 | 2 2 5 | 2 2 2 | S 2 | 2 2 2 | 2 2 2 | 2 2 2 | 22 | 9 9 | 9 9 | 9 9 | 999 | 2 2 | | | | | | | | | | | | | | | |
| | Monitoring event P23 | 10/6/2022 | 2711 | 22.5 | 689.7 | 6.98 | -129.9 | 0.580 | 13.3 | 53.9 ND | 2 | 2 2 9 | 2 2 5 | 15.1 | 2 Z | 2 2 2 | 2 2 2 | 99 | 99 | 99 | 99 | 999 | 2 2 | | | | | | | | | | | | | | | |
| | Monitoring event P24 | 4/6/2023 | 2893 | 3.82 | 689.7 | 6.82 | | 1.409 | 8.2 | 22.1 ND | 2 5 | 2 2 5 | 2 2 2 | 2 2 2 | 9 9 9 | 999 | 2 2 2 | 99 | 99 | 2 2 | 22 | 999 | 2 2 | | | | | | | | | | | | | | | |

| | | | | | | Well | | F | ield Pa | rameters | | | | | | | | | VOCs | | | | | | | Diss | olved Ga | asses | | | | W | et Che | mistry | | | | | Q | Potential | (DNA) |
|---------|------------------------------|-----|------------------------|---------------------------|--------|--------------|-------------|---------------------|---------|--------------------------------|----------------|--------|--|---|--------------------|--------------------------------|---------------------------------|-----------------------------|----------------------------|--------------------------------------|--------------------------------|--------------------------------------|-------------------|--------------------------|--------------------------------|----------------|----------|---------|----------------------|--|------------|------------------------|------------------------|-------------------------------|----------------------------|-------------|----------------|--------------------------|-----------------------|--------------------|-------------------|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | - | Top of Casir | Head Elevat | PH Dissolved Oxygen | ŏ | Specific Conductance Turbidity | | - | 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1,2-Trichloroethane 1,1-Dichloroethane | 1,1-Dichloroethene | 2-Hexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloroethane Chloroform | Chloromethane cis-1,2-Dichloroethene | Ethylbenzene Methylcyclohexane | Methylene chloride Methyl Acetate | Tetrachloroethene | trans-1,2-Dichloroethene | Vinyl chloride Xylenes, Total | Carbon Dioxide | Ethane | Methane | Nifrate Manganese | Ferric iron Sulfate | Suffide | Phosphorous Ammonia | 00D | Total Alkalinity Ferrous Iron | Acetic Acid Formic Acid | Lactic Acid | Propionic Acid | Chloride Pyruvic Acid | Dechlorinate Bacteria | TCE R-Dase (1) | |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (ns) | (vm) | (mS/cm) | (°C) | (mg/L) | | | | | | | (ng/L) | | | | | | | | (ug/L) | | | | | | (ma/L) | | | | | | | (cells / | |
| | Monitoring event | BL1 | 6/21/2010 | -1779 | 22.8 | 3.53 | | 6.91 | 69 | 9.779 | , – | SN | 23 ND | ND 280 | 1.8 J ND | 9 9 | 3.4 J | Q Q | 1.4.1 ND | 12 J | 2 2 2 | 2 2 | 2 2 2 | 2 2 3 | ND 11.1 | - | | | | | | Not Sa | ample | d For T | hese F | aram | eters | | | | |
| | Monitoring event | BL2 | 8/3/2010 | -1736 | | 4.3 | | 7.2 | - | 3.5 | - | | ₽ 2 | 220 ND | _ 9 ₽ | 99 | 99 | Q 7 | 99 | 2 2 2 | 2 2 2 | 99 | 999 | 999 | 2 2 2 | | | | | | | | | | | | | | NI- | | -45 |
| | Monitoring event Monitoring | BL3 | 11/6/2014 | -180 | | S NA | | 1 8.31 | | 39 0.624 | | SN | 8 0 | 000 | 00 | | | | For The | | | | | | J. | 1,400 | S S | 1,400 | | | S S | 0.6 | 12.9 | S S S | SN | | SS | SN | | t Sampl se Para | ea For imeters |
| | event | BL4 | 3/11/2015 6/12/2015 | -55 38 | 22 | 3.95 | | Grab S | | | • • | | | ND NG ,800 5,40 | | 22 | | | 380 1,100 ND ND | | 222 | | | | | | | | | | | Not Sa | ample | d For T | hese F | aram | eters | | | | |
| | event | P2 | 7/27/2015 | 83 | rti i | 4.25 | | | | | | _ | | D 000 | | ZZ | ZZ | ZZ | 1,100 ND ND | | | | | | | | | 1,800 | O 2 | <u>- </u> | ω <u>α</u> | 2 2 3 | 8 8 | 8 m 2 | t 8 c | | 20 | | | | |
| | event | P3 | 1/7/2016 | 247 | | | | 47 6.54 | 4 | .497 2.820 | | | | | DN ON ON N | | N N ON | | 5 | | | | | | | 7, | Q Q | | ND ND N.23 | 4. J | ZZ | F F 6 | 0 B 42 8 H 28 | 6 4 4 | £ 8 8 | Z | 67 | QN S | | | |
| | event | P3 | 1///2016 | 247 | | 3.25 | | 7.7 | -16 | - 0 | ÷ E | 31 | ZZ | D 061 | ZZ | ZZ | ZZ | | | | | | 222 | 2 2 2 | ZZZ | က် | 2 2 | | Z 0 | 24 | 80 Z | 0.27 F1 | 736 | 986 H | 1 1 | S S S | 11 | NS | | | |
| MW-40D | Monitoring event | P4 | 4/8/2016 | 339 | 22.5 | 2.892 | 686.3 | 7.59 | -161 | 1.092 | 7.16 | 202 | 2 2 | ND 220 | 2 2 | 2 2 | QN QN | Q Q | 2,500 ND | 2 2 2 | 2 2 2 | 46 J | 2 2 2 | 222 | 2 2 2 | 3,100 | 9 9 | 1,200 | O.077 | 19.7 ND | 0.13 ND | 0.32 | 623 | 0.078 J | S N S | SZ | SS | SN | | | |
| MVV-40D | Monitoring event | P5 | 7/11/2016 | 433 | 22.5 | 4.95 | 684.2 | 7.12 | -135 | 2.045 | 18.53 | 614 | Q Q | ND 12 J | Q Q | 380 | ND ND | Q Q | 950 F1 ND | 2 2 2 | 2 2 2 | 222 | 2 2 2 | 2 2 2 | 2 2 2 | 46,000 | 2 2 | 1,200 | 0.064 B | 17.1 ND | Q Q | 0.29 | 2080 B >1374.27 H b | 1330 0.77 HF | SNS | | 11 | SN | | | |
| | Monitoring event | P6 | 10/11/2016 | 525 | 22.5 | 5.77 | 683.4 | 7.13 | -94.9 | 1.788 | 15.42 | 267 | 2 2 | 2 P | ND 5.2 J | 140 J | Q Q | Q Q | 1,800 ND | 2 2 2 | 2 2 2 | 2 2 | 222 | 2 2 2 | 2 2 2 | 81,000 | 9 9 | 1,500 | 0.025 B | | | را برا م | 817 254 HB | 9,066 0.21 HF | 2 2 | 2 2 | 2 2 | QN | No: The | t Sampl se Para | ed For imeters |
| | Monitoring event | P7 | 1/25/2017 | 631 | 22.5 | 3.64 | 685.6 | 7.08 | -118.3 | 13.0 | 9.5 | 146 | Q Q | D81 | ND 4.8 J | 130 J | QN QN | N O | - | 2 2 2 | 2 2 2 | 14 J | 2 2 2 | 2 2 2 | 2 2 2 | 54,000 | 2 2 | 1,100 | 0.011 | 0.4 ND | | 0.24 | 466 222 b | 697 0.13 HF | 2 2 | 2 2 | 2 2 | ND | | | |
| | Monitoring event | P8 | 4/10/2017 | 706 | 22.5 | 2.88 | | 7.05 | -136.3 | 1.115 | 13.9 | 172 | 8 ₽ | 99 | 99 | 99 | Q Q | 9 9 | 2,200 ND | 2 2 2 | 999 | - F | 999 | 9 9 | 999 | 43,000 | 9 9 | | 0.0052 | - 1 1 | | 0.2 | 331 | 620 MD €20 | 9 9 | 99 | 2 2 | Q | | | |
| | Monitoring event | P9 | 7/10/2017 | 797 | | 4.1 | | 7.85 | | | 4 4 | SN | 9 9 | 150 ND | 9 9 | 061 061 | Q Q | S S | 820 ND 820 | 2 2 2 | 2 2 2 | 2 2 | 2 2 2 | 222 | 2 2 2 | g _ o | 9 9 | | | | | | | 089 ND | 2 2 2 | 2 2 | 20 | 2 | | | |
| | Monitoring event | P10 | 10/16/2017 | 895 | 22.5 | 4.55 | | 7.09 | -330 | 0.960 | | | 9 9 | 2 PD | D 6.1 | 8 B | 13 ND | 2 2 | 01 A | 222 | 2 2 2 | 2 2 | 2 2 8 | S Q | 6.9 | | 9 9 | | 0 | | | 0.18 | 175 | 518 ND | 3 2 2 | 2 2 | 2 | 2 | | | |
| | Monitoring event | P11 | 1/4/2018 | 975 | 22.5 | 3.39 | 685.8 | A A | ₹ | ¥ × | ₹ ₹ | 168B | 2 2 | 32 ND | 99 | 160 | 9 9 | 2 2 | 380 ND | 2 2 2 | 2 2 2 | 2 2 | 2 2 2 | 222 | 2 2 2 | 27,000 | 9 9 | 16,000 | 0.086 | 19. 19. | 0.034 | 0.050 | 8 Q | 579 ND | 282 | 2 2 | 14 5 | 2 | | | |

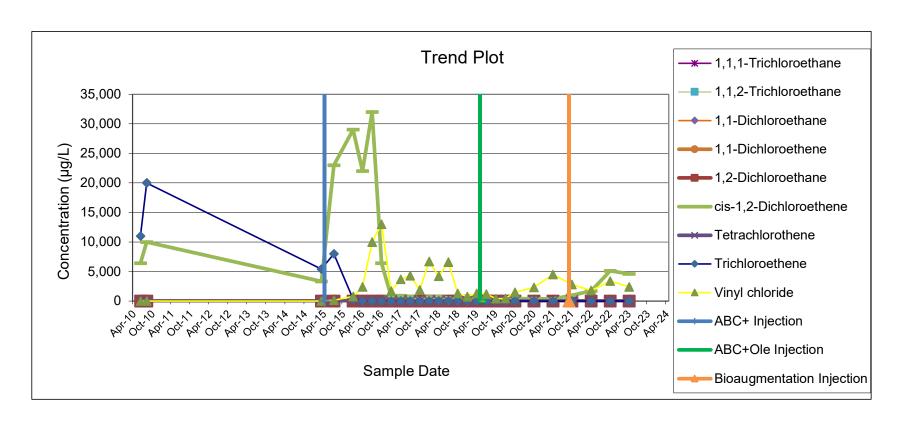
| | | | | | | Well | | Field | d Param | neters | | | | | | | | | VOC | 3 | | | | | | | Diss | olved | Gasse | s | | | | | Wet C | hemis | try | | | | | | QI | Potenti | tial (DNA | () | |
|---------|-------------------|-----|------------|---------------------------|---|-------------------------|---------------|--------|--|----------|-------------|------------|---------------------------------------|-------------------|--------------------|--------------------------------|---------------------------------|-----------------------------|----------------------------|---|---|-------------------|--------------------------------------|--------------------|--|----------------------------------|----------------|--------|--------------|---------|--------------------------|---------|---------|------------------------|--------------|--------|----------------------|----------------------------|-------------|----------------------------------|--------------------------|---|-------------------------|---------|--------------------|--------------------|---|
| Well ID | Event Descript | | Date | Elapsed Time (Days) | Total Depth Total Depth Water Level Measurement | Top of Casing Elevation | pH | | Oxidation Reduction Potential Specific Conductance | Turbidit | Temperature | \neg | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1,1-Dichlorethane | 1,1-Dichloroethane | 2-Bexanone 2-Butanone (MEK) | 4-Methyl-2-pentanone Acetone | Benzene Carbon Disulfide | Chloroethane Chloroform | Chloromethane cis-1,2-Dichloroethene | Dichlorodifluoromethane Ethylbenzene | Methylcyclohexane | Methylene chloride Methyl Acetate | Teluene Toluene | trans-1,2-Dichloroethene Trichloroethene | Vinyl chloride Xvlenes. Total | Carbon Dioxide | Ethane | | Nitrate | Manganese Ferric Iron | Suffate | Nitrite | Phosphorous Ammonia | COD | | refrous Iron Iron | Acetic Acid Formic Acid | Lactic Acid | n-Butyric Acid Propionic Acid | Chloride Pornici Acid | E | Dehalococcoides spp (1) | | | BAV1 VC R-Dase (1) | |
| | | | | | (feet) | (ft. AMSL) | (ft. AMSL) | (mg/L) | (mV) | (NTUs) | (S) | (mg/L) | | | | | | | (ng/L) | | | | | | | | | (ug/L) | | | | | | | | (mg/L) | | | | | | | | /slleo) | Ē | | _ |
| | Monitoring event | P12 | 4/10/2018 | 1071 | 22.5 | 689.2 | 686.5 | 0.36 | -105 | NA N | 10.13 | 20 | 2 | 400 5 | 2 2 | 2 2 2 | 2 2 : | 2 2 | 970 ND | 2 2 | 2 2 | 2 2 : | 2 2 | 2 2 | 2 2 | 2 2 | 32 | Q | ND 15,000 | QN QN | 3.1 | 2 | 2 2 | 0.13 0.33 F1 | 139 | 325 | oil I | S S | S S | SZ SZ | 2 2 | 2 | | | | | |
| | Monitoring event | P13 | 7/10/2018 | 1162 | 3.81 | 689.2 | 685.4 | 0.38 | -130.5 | 24.5 | 13.85 | ND ND | 2 | 4.6 J | 2 2 | 29 J | 2 2 | 2 2 | 1,100 ND | 9 9 | 2 2 | 2 2 | 2 2 | 2 2 | S S | 2 2 | 50,000 | Q. | ND 18 | ON ON | 0.017 | | | | 1221 | | 9 I | SN SN | S S | SN SN | S S S | 2 | | | | | ľ |
| | Monitoring event | P14 | 10/18/2018 | 1262 | 22.5 | 689.2 | 677.9 | 0.3 | -125.4 | 21.7 | 12.7 | ND ND | 2 2 | 2 2 2 | 2 2 | 35 J | 2 2 : | 2 2 | 1,100 890 F1 | 2 2 | 2 2 | 2 2 ! | 2 2 | 2 2 | 2 2 | 2 2 | 0 | Q | ND 1 | | | Q Q | 2 2 | 0.07 | ND 182 42 | 419 B | 13.5 | S S | 8 8 | S S | S S S | 2 | | | | | |
| | Monitoring event | P15 | 1/7/2019 | 1343 | 22.5 | 689.2 | 684.5 | 0.38 | -126.2 | 10.2 | 9.6 | C.21 | Q Z | 2 9 9 | 20 | 999 | 2 2 ! | | | | 9 9 | 2 2 ! | 2 2 : | 2 2 | 99 | 2 2 | 0 | Q | ND 23 | ON ON | 0.030 | 2 2 | 2 2 | 0.33 | 75.2 | 355 B | 3.084 J HF 8.4 | SN SN | S S S | SN SN | S S S | 2 | | | | | |
| | Monitoring event | P16 | 4/16/2019 | 1442 | 3.2 | 689.2 | 686.0 | 2.88 | -230.9 | 68.46 | 9.2 | 0.4 ON | 2 2 | 8 2 | 2 2 | 225 | 2 2 ! | 2 2 | 1,100 ND | 99 | 9 9 | 2 2 ! | 2 2 | 2 2 | 99 | 9 9 | 9,700 | 9 | D 2 | - 1 | 0.0059 B | | | ND 0.24 | | | 2 2 | | | | S S S | | | | | | |
| | Monitoring event | P17 | 7/22/2019 | 1539 | 22.5 | 689.2 | 684.7 5.89 | 1.99 | -80.7 | 0.030 | 13.4 | QN | 2 2 | 15 J | 2 2 | 340 | 2 2 ! | 2 2 | 1,000 ND | 99 | 2 2 | 2 2 ! | 2 2 | 2 2 | 2 2 | 2 2 | 9,800 | Q | ND 000 | | 0.33 B C | 9.8 J | 0.19 B | 9 9 | 2 2 | 87 87 | 398 | SN SN | S S | SN SN | 159 | 2 | | | | | |
| | Monitoring event | P18 | 10/18/2019 | 1627 | 22.5 | 689.2 | 687.5 | 0.15 | -95.6 | 54.97 | 12.3 | ND G | 9 9 | 2 2 2 | 2 2 | 36 J | ND 480 | 2 2 | 99 | 260 ND | 2 2 | 2 2 ! | 2 2 | 2 2 | 99 | 2 5 | 00 | 2 | | | 0.28 B | 2 S | 0.36 B | | | 1380 | 13.0 HF 267 | S S | SN S | SZ SZ | 157 NS | 2 | | | | | |
| MW-40D | Monitoring event | P19 | 1/8/2020 | 1709 | 22.5 | 689.2 | 6.13 | 0.43 | -74.8 | 10.44 | 8.8 | Q Q | 2 2 | 2 2 2 | 2 2 | 110 J | 2 2 ! | 2 2 | 920 N | 99 | 9 9 | 2 2 ! | 2 2 ! | 2 2 | 99 | 2 2 | 110,000 | Q | ND 15,000 | | 0.120 | | _ | 0.043 | | | | NS SN | SNS | SN SN | 108 NA | 2 | | | npled F aramete | | |
| | Monitoring event | P20 | 4/16/2020 | 1808 | 3.0 | 689.2 | 686.2 | 0.79 | 123.5 | 46.2 | 6.73 | COS ON | 2 2 | 2 2 2 | 2 2 | 0 P | 35. | 2 2 | 510 ND | 9 9 | 2 2 | 2 2 | 0.03 ND | 2 2 | 9 9 | 2 5 | | Q | ND 02 | Q Q | 0.056B | 2 2 | 2 2 | S S | S S | | | | | | 95.6 | | | | | | |
| | Monitoring event | P21 | 10/12/2020 | 1987 | 22.5 | 689.2 | 683.7 | 0.31 | -197.9 | 55.6 | 14.4 | | 2 2 | 2 2 2 | 2 2 | 23. 53. | 2 2 ! | 2 2 | 270 ND | 99 | 99 | 2 2 ! | 2 2 | 2 2 | 99 | 9 9 | 61,000 | 9 | ND ND | | _ | 2 2 | 2 2 | NS 0.052 | SN SN | SN S | 0.62 HF 49.9 | SN SN | S S | 8 8 | 128 NS | 2 | | | | | |
| | Monitoring event | P22 | 4/2/2021 | 2159 | 3.2 | 689.2 | 686.0 | 2.19 | -186.4 | 13.6 | 9.5 | <u>8</u> 9 | 9 9 | 9.6 | 2 2 | 2 2 9 | 2 2 ! | 2 2 | 00 A | 22 | 2 2 | 2 2 ! | 2 2 | 2 2 | 99 | 9 9 | 42,000 | 9 | Q 2 | | 0.057B | 2 2 | 2 2 | NS 0.022 | SN SN | S S | 31.2 | SN SN | S S | S S | 91.2 NS | 2 | | | | | |
| | Monitoring event | P23 | 10/27/2021 | 2367 | 22.5 | 689.2 | 671.2 | 0.83 | -149.6 | 1583 | 13.3 | ND ON | 2 2 | 2 2 2 | 2 2 | 2 2 2 | 2 2 ! | 2 2 | 230 ND | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | Q Q | 2 2 | 64,000 | Q | ND 2400 | | SN SS S | | SS | | | S S | <u>∔</u> | | S S | S S | S S S | 2 | | | | | |
| | Monitoring event | P22 | 4/8/2022 | 2530 | 3.7 | 689.2 | 7.41 | | -182.9 | 40.7 | 11 | ND ND | 9 9 | 2 2 9 | 2 9 | 225 | 2 2 ! | 2 2 | 490 PD | 99 | 9 9 | 2 2 ! | 2 2 | 2 2 | 99 | 2 2 | 9 | 9 | ND OF | 200 | SS SS | 2 2 | 2 2 | SN SN | SN SN | S S | 34.1 | S S | S S | S S | S S S | 2 | | | | | |
| | Monitoring event | P23 | 10/7/2022 | 2712 | 22.5 | 689.2 | 682.6 | _ | -157.9 | 127 | 14 | ND | Q Z | 2 2 2 | 2 2 | 22 | 2 2 ! | 2 2 | 370 ND | 2 2 | 2 2 | 22 | 22 | Q Q | Q Q | 2 2 | 0 | Q | ND of | | NS 17.1 | 2 2 | 0.031 J | SN SN | SN SN | 248B | 17.1 | SN SN | S S | S S | S S S | 2 | | | | | |
| | Monitoring event | P24 | 4/11/2023 | 2898 | 22.5 | 689.2 | 682.1 | 0.31 | -85.9 | 51.2 | 10.8 | 74 | QV Z | 250 | N Q | 2 2 2 | 2 2 ! | S S | 480 ND | 22 | 2 2 | 2 2 | 2 2 | S S | Q Q | 2 2 | | Q | O 25 | | | | | | | | | SN SN | SS | SN SN | S S S | 2 | | | | | |

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

| | | | | Analytic | al Resul | lts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 |

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

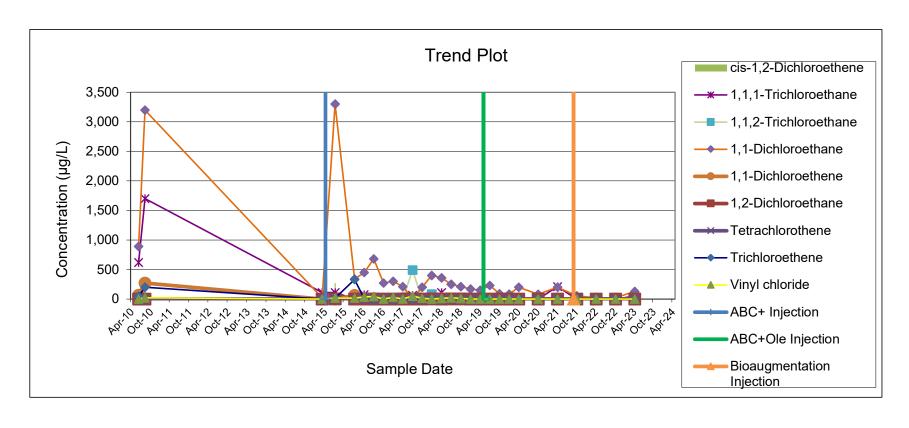


MONITORING WELL A1-GP06S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 |

MONITORING WELL A1-GP06S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

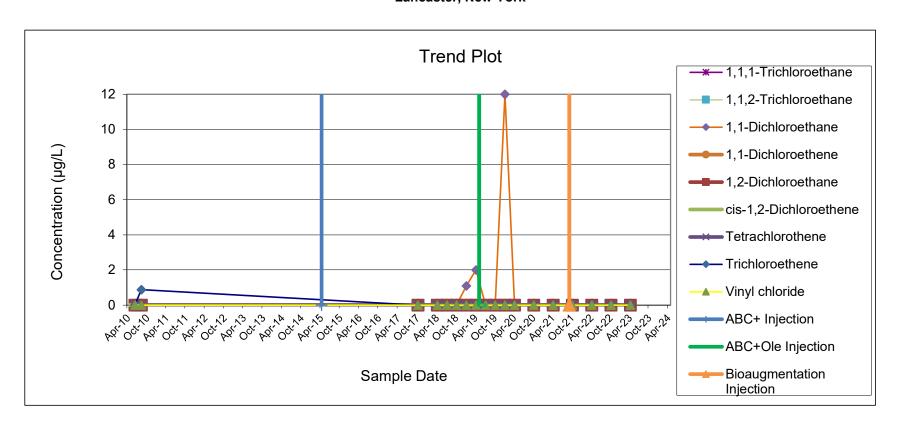
Lancaster, New York



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

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 |

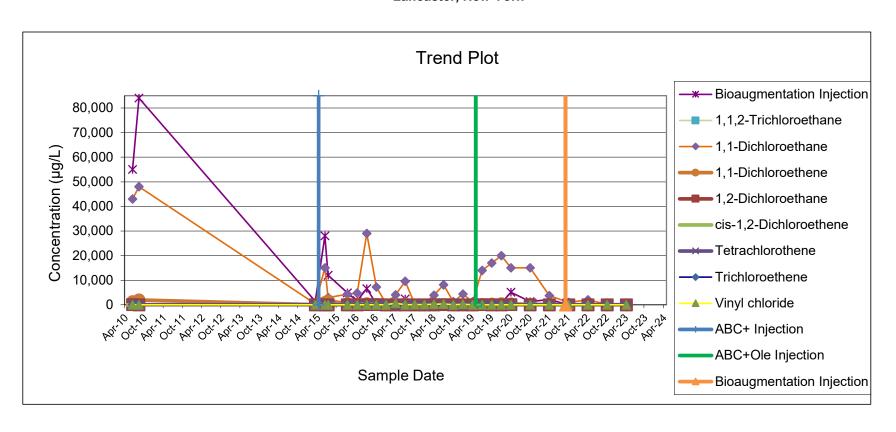
MONITORING WELL A1-GP09S SUMMARY OF VOCs IN GROUNDWATER



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

| | | Analytical Results (μg/L) | | | | | | | | | |
|-------------|-----------------------|---------------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|--|--|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 | | |

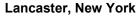
MONITORING WELL A1-GP10S SUMMARY OF VOCs IN GROUNDWATER

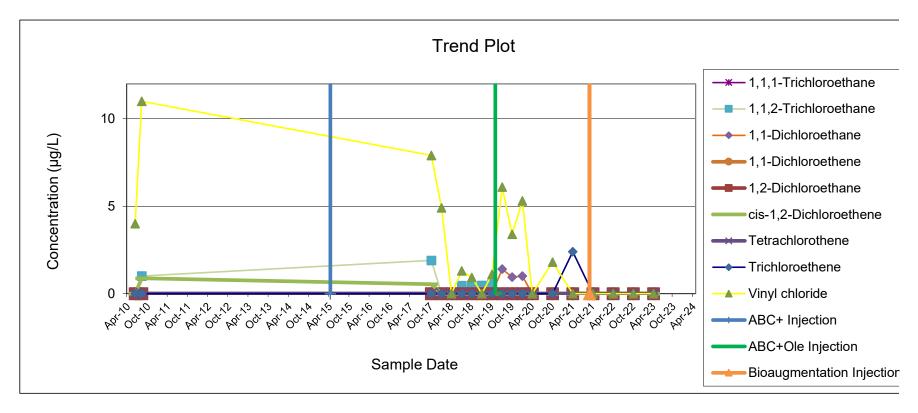


MONITORING WELL A1-GP14S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site Lancaster, New York

| | | | | Analytia | al Daguil | to /um/l \ | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| | | | | Analytic | ai Kesul | ts (μg/L) Ψ | | ı | ı |
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 |

MONITORING WELL A1-GP14S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site



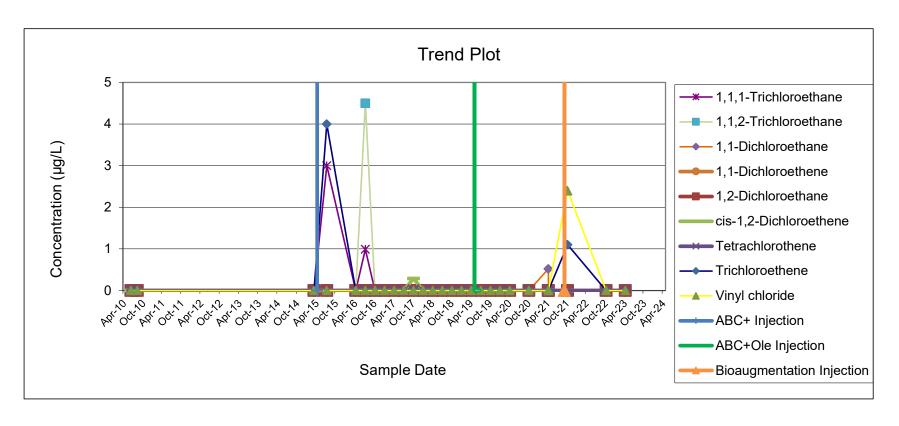


MONITORING WELL A1-GP15S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site Lancaster, New York

| | | Analytical Results (μg/L) | | | | | | | | | |
|-------------|-----------------------|---------------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|--|--|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 | | |
| 7/29/2015 | 3.0 | ND | ND | ND | ND | ND | ND | 4.0 | ND | | |
| 4/8/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 7/11/2016 | 0.99 | 4.5 | 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 | | |
| 4/12/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 7/6/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/17/2017 | ND | ND | ND | ND | ND | 0.29 | ND | ND | ND | | |
| 1/2/2018 | NS | NS | NS | NS | NS | NS | NS | NS | NS | | |
| 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 | | |
| 1/2/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/10/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 7/25/2019 | 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 | 0.52 | ND | ND | ND | ND | ND | ND | | |
| 10/20/2021 | ND | ND | ND | ND | ND | ND | ND | 1.1 | 2.4 | | |
| 4/1/2021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/6/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/11/2023 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |

MONITORING WELL A1-GP15S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

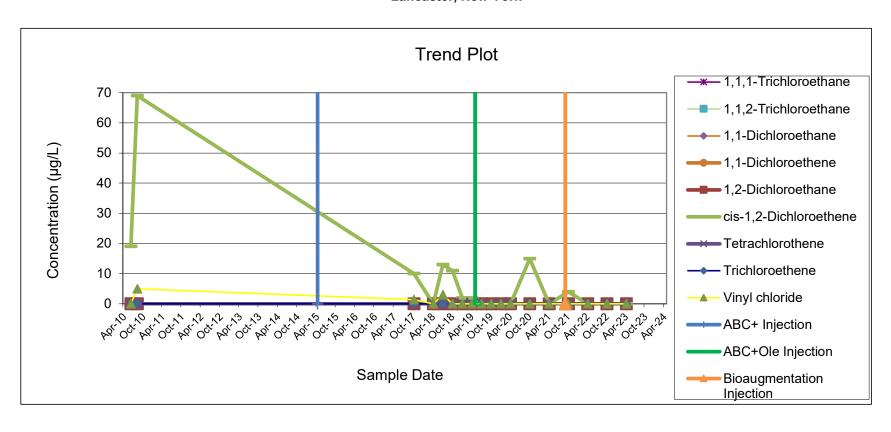
Lancaster, New York



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

| | | Analytical Results (μg/L) | | | | | | | | | |
|-------------|-----------------------|---------------------------|--------------------|--------------------|--------------------|------------------|------------------------|-----------------|----------------|--|--|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | Tetrachlorothene | 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 | | |

MONITORING WELL A1-GP16S SUMMARY OF VOCs IN GROUNDWATER

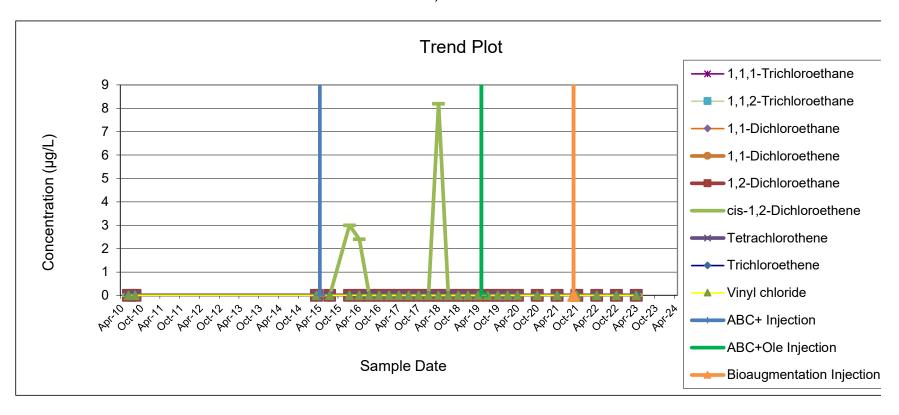


MONITORING WELL A1-GP18S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site Lancaster, New York

| | | Analytical Results (μg/L) | | | | | | | | | |
|-------------|-----------------------|---------------------------|--------------------|--------------------|--------------------|------------------|------------------------|-----------------|----------------|--|--|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | Tetrachlorothene | 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 | | |

NA - Not available

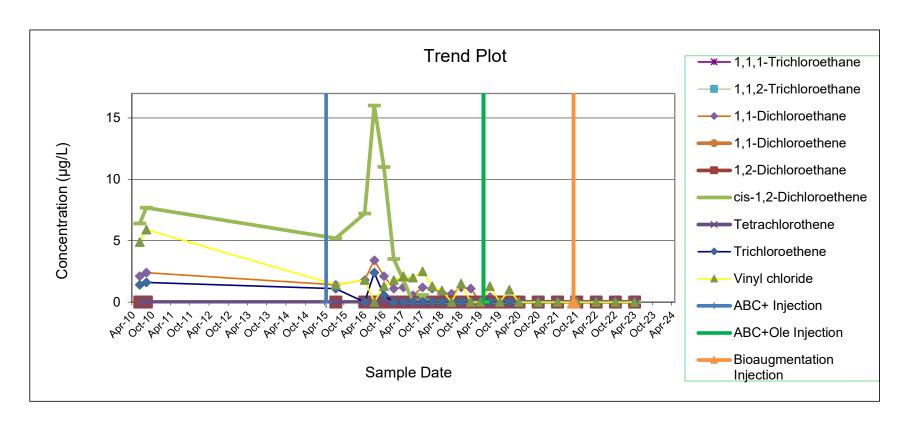
MONITORING WELL A1-GP18S SUMMARY OF VOCS IN GROUNDWATER



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

| | | Analytical Results (μg/L) | | | | | | | | | |
|-------------|-----------------------|---------------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|--|--|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | Vinyl chloride | | |
| 6/18/2010 | ND | ND | 2.1 | ND | ND | 6.4 | ND | 1.4 | 4.9 | | |
| 8/3/2010 | ND | ND | 2.4 | ND | ND | 7.7 | ND | 1.6 | 5.9 | | |
| 7/29/2015 | ND | ND | 1.4 | ND | ND | 5.2 | ND | 1.1 | 1.4 | | |
| 4/8/2016 | ND | ND | 1.8 | ND | ND | 7.2 | ND | ND | 1.8 | | |
| 7/14/2016 | ND | ND | 3.4 | ND | ND | 16 | ND | 2.4 | ND | | |
| 10/11/2016 | ND | ND | 2.1 | ND | ND | 11 | ND | 0.56 | 1.3 | | |
| 1/25/2017 | ND | ND | 1.1 | ND | ND | 3.5 | ND | ND | 1.8 | | |
| 4/12/2017 | ND | ND | 1.2 | ND | ND | 1.8 | ND | ND | 2.1 | | |
| 7/7/2017 | ND | ND | 0.54 | ND | ND | ND | ND | ND | 2.0 | | |
| 10/19/2017 | ND | ND | 1.2 | ND | ND | 0.6 | ND | ND | 2.5 | | |
| 1/2/2018 | ND | ND | 1.1 | ND | ND | ND | ND | ND | 1.3 | | |
| 4/11/2018 | ND | ND | 0.75 | ND | ND | ND | ND | ND | 0.95 | | |
| 7/11/2018 | ND | ND | 0.68 | ND | ND | ND | ND | ND | ND | | |
| 10/23/2018 | ND | ND | 1.20 | ND | ND | ND | ND | ND | 1.50 | | |
| 1/8/2019 | ND | ND | 1.10 | ND | ND | ND | ND | ND | ND | | |
| 4/11/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 7/26/2019 | ND | ND | 0.42 | ND | ND | ND | ND | ND | 1.30 | | |
| 10/17/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 1/8/2020 | ND | ND | ND | ND | ND | ND | ND | ND | 1.00 | | |
| 4/15/2020 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/7/2020 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/5/2021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/25/2021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/14/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/10/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/12/2023 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |

MONITORING WELL MW-30 SUMMARY OF VOCs IN GROUNDWATER

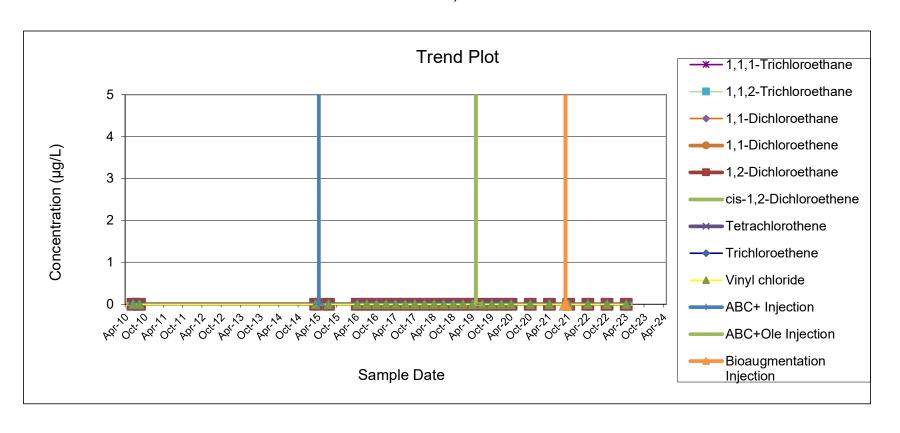


MONITORING WELL MW-35S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------|------------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | Tetrachlorothene | 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 |

MONITORING WELL MW-35S SUMMARY OF VOCs IN GROUNDWATER

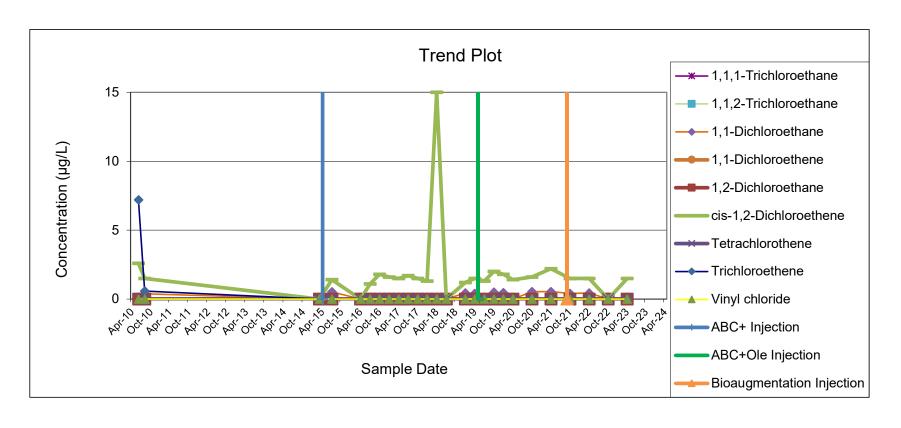


MONITORING WELL MW-36S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|------------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | Z 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 |

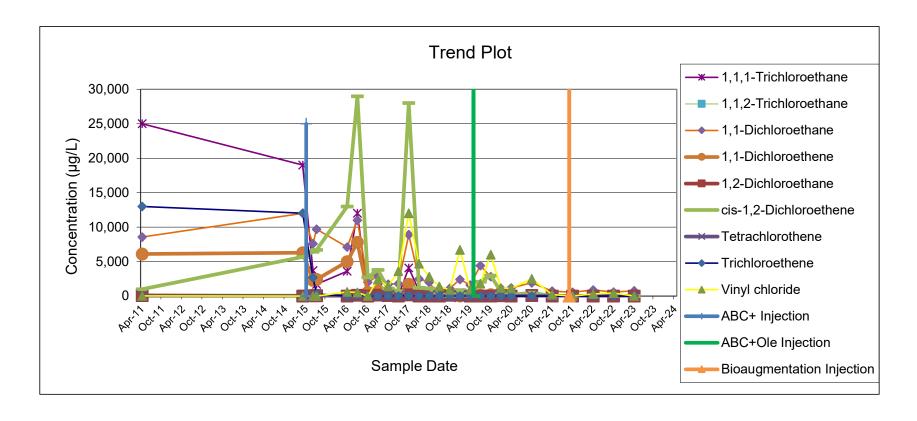
MONITORING WELL MW-36S SUMMARY OF VOCs IN GROUNDWATER



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

| | | | | Analytic | Analytical Results (μg/L) | | | | | | | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|---------------------------|------------------------|------------------|-----------------|------------------|--|--|--|--|--|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | 2 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 | | | | | |

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

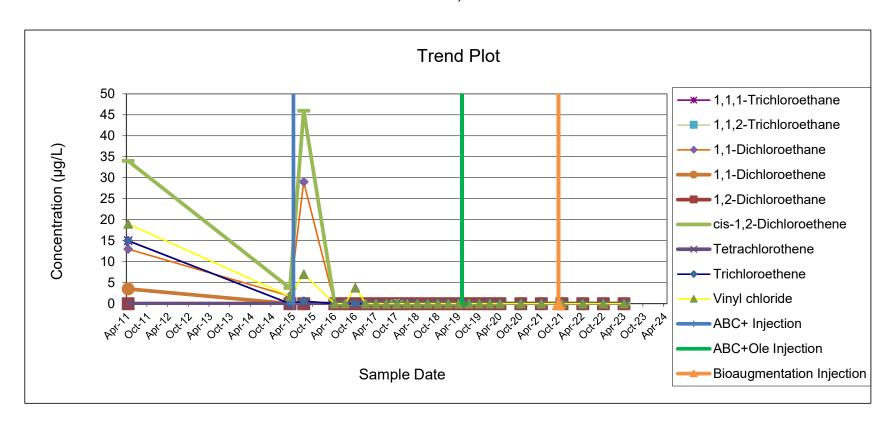


MONITORING WELL MW-43S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York

| | | Analytical Results (μg/L) | | | | | | | | | |
|-------------|-----------------------|---------------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|------------------|--|--|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | 6 Vinyl chloride | | |
| 4/7/2011 | 15 | ND | 13 | 3.5 | ND | 34 | ND | 15 | 19 | | |
| 3/12/2015 | ND | ND | 1.8 | ND | ND | 3.7 | ND | ND | 1.7 | | |
| 7/29/2015 | ND | ND | 29 | ND | ND | 46 | ND | 0.60 | 7 | | |
| 4/8/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 7/13/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/13/2016 | ND | ND | ND | ND | ND | ND | ND | ND | 3.8 | | |
| 1/25/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/11/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 7/10/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/19/2017 | ND | ND | 0.48 | ND | ND | 0.6 | 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 | | |
| 10/19/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 1/8/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/17/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 7/26/2019 | 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 | | |
| 4/14/2020 | 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 | | |
| 4/14/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 10/10/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |
| 4/12/2023 | ND | ND | ND | ND | ND | ND | ND | ND | ND | | |

MONITORING WELL MW-43S SUMMARY OF VOCs IN GROUNDWATER



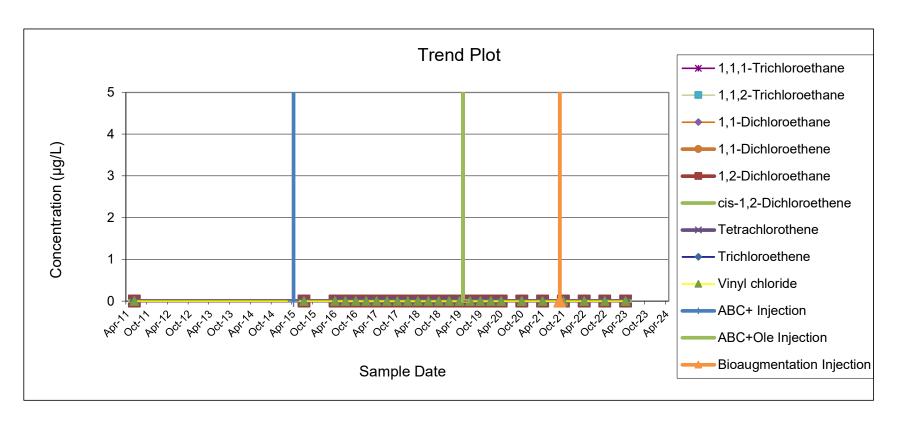
MONITORING WELL MW-44S SUMMARY OF VOCS IN GROUNDWATER

Former Scott Aviation Site Lancaster, New York

| | | | | Analytic | al Resul | | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 |

MONITORING WELL MW-44S SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York



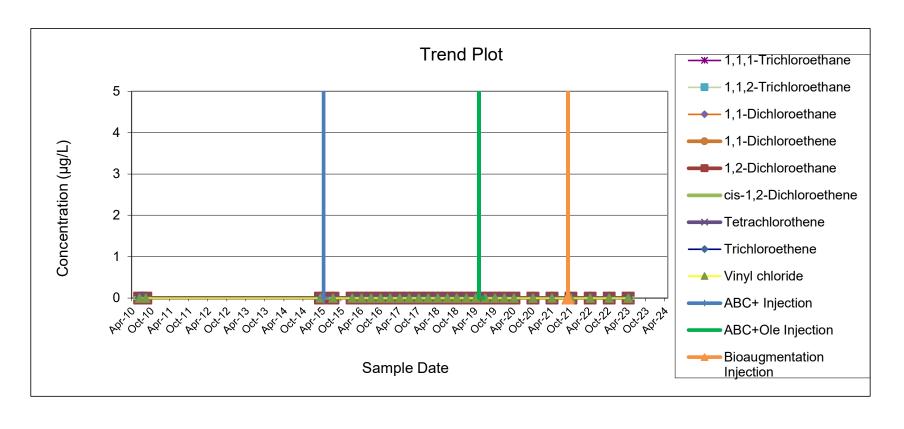
MONITORING WELL MW-35D SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 |

MONITORING WELL MW-35D SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site Lancaster, New York



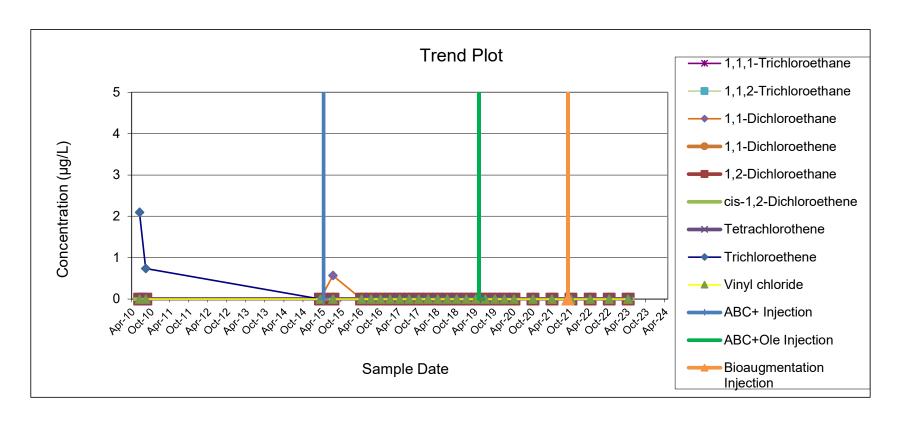
MONITORING WELL MW-36D SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|------------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | Z 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 |

MONITORING WELL MW-36D SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site Lancaster, New York



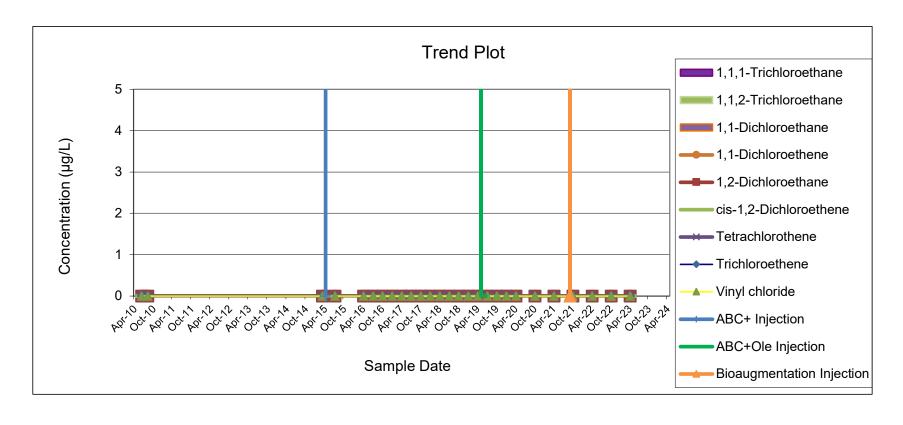
MONITORING WELL MW-37D SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | Vinyl chloride |
| 6/18/2010 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 8/3/2010 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 3/10/2015 | 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 |
| 7/12/2016 | 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 |
| 4/11/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7/10/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/18/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1/5/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/11/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7/11/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/18/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1/19/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/17/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7/24/2019 | 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 |
| 10/7/2020 | 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 |
| 4/13/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/6/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/12/2023 | ND | ND | ND | ND | ND | ND | ND | ND | ND |

MONITORING WELL MW-37D SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York

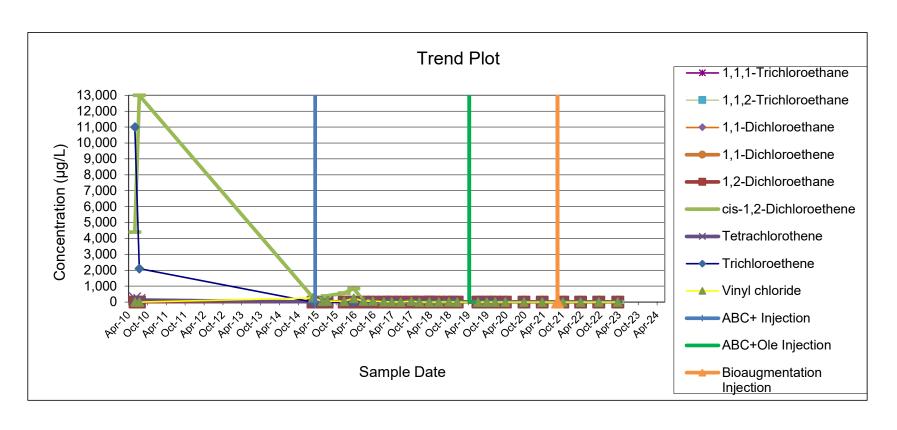


MONITORING WELL MW-38D SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | Vinyl chloride |
| 6/22/2010 | ND | ND | ND | ND | ND | 4,400 | 230 | 11,000 | ND |
| 8/4/2010 | ND | ND | ND | ND | ND | 13,000 | 130 | 2,100 | ND |
| 3/10/2015 | ND | ND | ND | ND | ND | 290 | ND | 1.9 | 260 |
| 6/12/2015 | ND | ND | ND | ND | ND | 190 | ND | 18 | 50 |
| 7/27/2015 | ND | ND | ND | ND | ND | 390 | ND | 6.8 | 60 |
| 1/7/2016 | ND | ND | ND | ND | ND | 560 | ND | ND | 44 |
| 4/8/2016 | ND | ND | 3.8 | 1.3 | ND | 850 | ND | ND | 240 |
| 7/12/2016 | ND | ND | ND | ND | ND | 80 | ND | ND | 59 |
| 10/12/2016 | ND | ND | 5.1 | ND | ND | ND | ND | ND | 58 |
| 1/23/2017 | ND | ND | ND | ND | ND | ND | ND | ND | 14 |
| 4/12/2017 | ND | ND | 2.1 | ND | ND | ND | ND | ND | 6.7 |
| 7/7/2017 | ND | ND | ND | ND | ND | ND | ND | ND | 5.1 |
| 10/18/2017 | ND | ND | 19 | 1.1 | ND | 27 | ND | ND | 47 |
| 1/4/2018 | ND | ND | ND | ND | ND | ND | ND | ND | 5.1 |
| 4/10/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7/11/2018 | ND | ND | 4.3 | ND | ND | ND | ND | ND | ND |
| 10/17/2018 | ND | ND | 20 | ND | ND | 20 | ND | ND | 11 |
| 1/4/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/10/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7/24/2019 | ND | ND | ND | ND | ND | 4 | ND | ND | 4.0 |
| 10/17/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1/7/2020 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/14/2020 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/12/2020 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/5/2021 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/22/2021 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/12/2022 | 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 |

MONITORING WELL MW-38D SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site Lancaster, New York

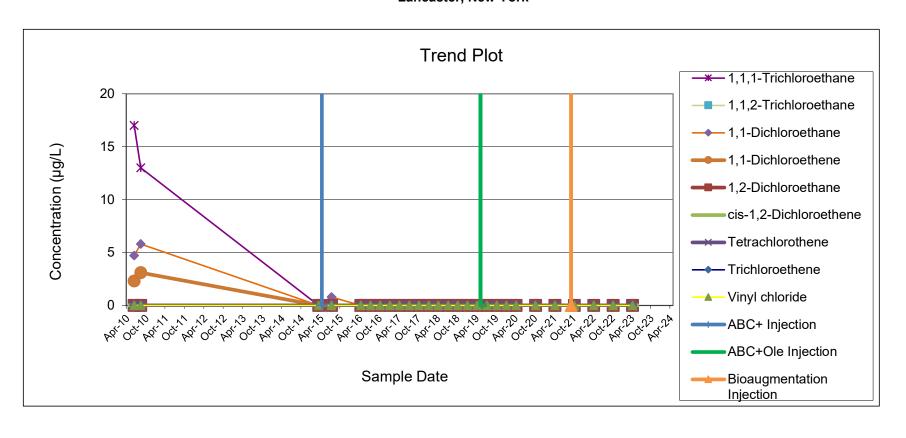


MONITORING WELL MW-39D SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site Lancaster, New York

| | | | | Analytic | al Resul | ts (ua/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| | (h) | d) | | | u. 1100ui | e (Fa.F) | | | |
| | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | Trichloroethene | Vinyl chloride |
| Sample Date | | 1, | | | | | | | Vi |
| 6/18/2010 | 17 | ND | 4.7 | 2.3 | ND | ND | ND | ND | ND |
| 8/3/2010 | 13 | ND | 5.8 | 3.1 | ND | ND | ND | ND | ND |
| 3/10/2015 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7/29/2015 | ND | ND | 0.80 | 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 |
| 10/13/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1/24/2017 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/11/2017 | 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 |
| 1/9/2018 | 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 |
| 10/17/2018 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1/7/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/15/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7/29/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/18/2019 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1/10/2020 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/16/2020 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/9/2020 | 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 |
| 4/13/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/6/2022 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4/6/2023 | ND | ND | ND | ND | ND | ND | ND | ND | ND |

MONITORING WELL MW-39D SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site Lancaster, New York



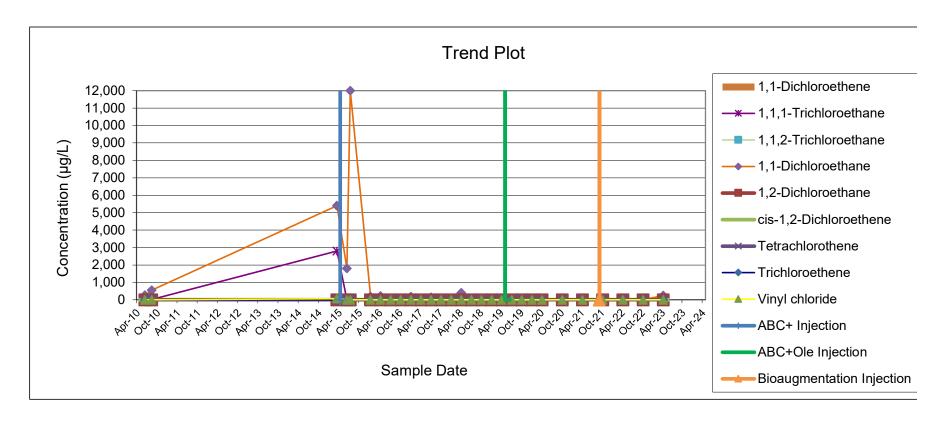
MONITORING WELL MW-40D SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site Lancaster, New York

| | | | | Analytic | al Resul | ts (µg/L) | | | |
|-------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------------|------------------|-----------------|----------------|
| Sample Date | 1,1,1-Trichloroethane | 1,1,2-Trichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachlorothene | 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 |

MONITORING WELL MW-40D SUMMARY OF VOCs IN GROUNDWATER Former Scott Aviation Site

Lancaster, New York



Appendix C Purge Logs (October 2022 and April 2023)

| Date (mo/day/yr | 10/6/2 | 2022 | | Casing Diameter | | | 1 | | inches |
|--|-----------------------|---------------------|------------------|------------------------|--------------------|----------------|-------------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | P\ | /C | | <u>.</u> |
| Site Name For | mer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ation | | 689.82 | | 1/100 ft |
| AECOM Job # | 606 | 576146 | | Height of Riser (above | e land surface) | | 2.52 | 2 | 1/100 ft |
| Well ID # | A1-GP02 | 2-S | | Land Surface Elevation | on | | 687.3 | | 1/100 ft |
| Upgra | adient | Downgradient | | Screened Interval (be | low land surface | | 5-15 | 5 | 1/100 ft |
| Weather Conditions | Parlty | y Cloudy | | | | | | | |
| Air Temperature | 66 | | ° F | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | of Casing : | 15 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) E | Below Top of Casing = | 4.9 | 1/100 ft | VOA 40 mL glass | TO | 0 | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 10.1 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.0408</u> = | 0.41 | gal | | | | | | |
| 3 Casing Volumes = | 1.2 | 24 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collectior | Peristalti | | | | | | | | |
| Total Volume of Water Remove | (| 1.0 | gal | | | | | | |
| | | | _ | | | | | | |
| | | | | FIELD ANALYSES | | | | <u> </u> | |
| Flow Rate (ml/min) | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| Time (Military) | 1250 | 1255 | 1300 | 1305 | 1310 | 1315 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 7.82 | 7.85 | 12.09 | 12.11 | 12.09 | 12.11 | | | |
| Drawdown (ft) | -2.92 | -0.03 | -4.24 | -0.02 | 0.02 | -0.02 | | | |
| pH (S.U.) | 6.97 | 6.97 | 7.04 | 7.07 | 7.02 | 7.04 | | | |
| Sp. Cond. (mS/cm) | 1.16 | 1.13 | 1.22 | 1.22 | 1.19 | 1.20 | | | |
| Turbidity (NTUs) | 74.3 | 328 | 252 | 110 | 108 | 103 | | | |
| Dissolved Oxygen (mg/L) | 0.65 | 0.54 | 4.97 | 5.15 | 4.75 | 5.03 | | | |
| Water Temperature (°C) | 16.9 | 16.9 | 17.6 | 17.8 | 17.8 | 17.8 | | | |
| ORP (mV) | -84.2 | -90.3 | -94.1 | -89.0 | -89.0 | -89.6 | | | |
| | Physical appeara | ance at start Col | or <u>Cloudy</u> | Phys | sical appearance a | t sampling Col | or C | loudy | |
| | | Ode | or None | _ | | Od | or <u>1</u> | None | |
| | Sheen/Free Prod | | None | _ Sheen/Fre | ee Product | N | lone | | |
| COMMENTS/OBSERVATIONS | | | | | | | | | |
| | Sampled at 13:15 hrs | S | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 10/6/2 | 022 | | Casing Diameter | | | 1 | | inches |
|--------------------------------------|--------------------------|--------------------|------------------|------------------------|------------------|---------------|-----------|--------------|--------------|
| Field Personnel | Collin Ho | rrocks | | Casing Material | | F | PVC | | <u>-</u> |
| Site Name Fo | rmer Scott Aviation Si | te - Lancaster, NY | , | Measuring Point Elev | ation | | 687.71 | | 1/100 ft |
| AECOM Job # | 6067 | 76146 | | Height of Riser (abov | e land surface) | | -0.0 | 9 | 1/100 ft |
| Well ID # | A1-GP06 | -S | | Land Surface Elevation | on | | 687.8 | | 1/100 ft |
| Upg | radient | Downgradient | | Screened Interval (be | low land surfac | | 5-1 | 5 | 1/100 ft |
| Weather Conditions | Su | inny | | | | | | | |
| Air Temperature | 66 | | | Container | Analysis (| (Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top | of Casing | 15.0 | 1/100 ft | VOA 40 mL glass | TCL VOC | s (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) | Below Top of Casing = | 2.69 | 1/100 ft | VOA 40 mL glass | TC | OC . | 2 | HCL, 4°C | |
| Length of Water Column (LW | C) = TWD - DGW = | 12.3 | 1/100 ft | Various | MNA Ar | nalyses | 15 | Varies | |
| 1 Casing Volume (OCV) = LW | $^{\prime}$ C x 0.0408 = | 0.50 | gal | | | | | | |
| 3 Casing Volumes = | 1.5 | gal | | | | | | | |
| Method of Well Evacuation | Per | istaltic Pump | | | | | | | |
| Method of Sample Collectio | Peristaltic | Pump/Poly Tubing | J | | | | | | |
| Total Volume of Water Remov | /e | 1.0 | gal | | | | | | |
| | | | | | | | | | |
| | i - | | | FIELD ANALYSES | | 1 | | | |
| Flow Rate (ml/min) | 100 | 100 | 125 | 125 | 125 | | | | |
| Time (Military) Depth to Groundwater | 1345 | 1350 | 1355 | 1400 | 1405 | | | | |
| Below Top of Casing (ft) | 5.96 | 10.05 | 10.40 | 12.41 | 14.41 | | | | |
| Drawdown (ft) | -3.27 | -4.09 | -0.35 | -2.01 | -2.00 | | | | |
| рН (S.U.) | 7.10 | 7.08 | 7.14 | 7.17 | 7.19 | | | | |
| Sp. Cond. (mS/cm) | 1.70 | 1.70 | 1.72 | 1.71 | 1.70 | | | | |
| Turbidity (NTUs) | 124 | 94.1 | 132 | 127 | 125 | | | | |
| Dissolved Oxygen (mg/L) | 0.41 | 0.29 | 0.63 | 0.69 | 0.63 | | | | |
| Water Temperature (°C) | 16.4 | 16.6 | 17.8 | 16.4 | 16.3 | | | | |
| ORP (mV) | -131.3 | -140.1 | -161.1 | -165.3 | -162.3 | | | | |
| | Physical appeara | nce at start Co | lor <u>Clear</u> | Phy | sical appearance | at sampling C | olor (| Clear | |
| | | Od | or <u>No</u> | _ | | 0 | dor | No | |
| | Sheen/Free Prod | uct | None | Sheen/Fr | ee Product | | None | | |
| COMMENTS/OBSERVATION | S Started purge at 13:4 | 3 hrs. | | | | | | | _ |
| | Sampled at 14:05 hrs | | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 10/5/2 | 2022 | | Casing Diameter | | | 1 | | inches |
|--|-----------------------|---------------------|----------|------------------------|--------------------|-------------|--------------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | | VC | | <u>.</u> |
| Site Name For | mer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ition | | | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | land surface) | | | | 1/100 ft |
| Well ID # | A1-GP09 |)-S | | Land Surface Elevatio | | | | | 1/100 ft |
| | idient | | | Screened Interval (bel | | | | ; | 1/100 ft |
| Weather Conditions | S | unny | | | | | | | |
| Air Temperature | 63 | | ° F | Container | Analysis (M | ethod) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | of Casing : | 17.3 | 1/100 ft | VOA 40 mL glass | TCL VOCs (| 8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) B | elow Top of Casing = | 3.33 | 1/100 ft | VOA 40 mL glass | TOC | | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 13.97 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.0</u> = | 0.57 | gal | | | | | | |
| 3 Casing Volumes = | 1.7 | 1 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Remove | (| 1.0 | gal | | | | | | |
| | | | | FIELD ANALYSES | | | | | |
| Flow Rate (ml/min) | 150 | 100 | 100 | 150 | 150 | 150 | | | |
| Time (Military) | 1235 | 1240 | 1245 | 1250 | 1255 | 1300 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 7.21 | 7.22 | 6.97 | 6.95 | 6.97 | 6.97 | | | |
| Drawdown (ft) | -3.88 | -0.01 | 0.25 | 0.02 | -0.02 | 0.00 | | | |
| pH (S.U.) | 6.82 | 6.85 | 6.85 | 6.91 | 6.94 | 6.95 | | | |
| Sp. Cond. (mS/cm) | 0.74 | 0.70 | 0.69 | 0.67 | 0.66 | 0.66 | | | |
| Turbidity (NTUs) | 51.5 | 71.2 | 61.0 | 49.5 | 48.2 | 47.5 | | | |
| Dissolved Oxygen (mg/L) | 5.00 | 5.44 | 6.16 | 6.20 | 6.61 | 6.53 | | | |
| Water Temperature (°C) | 14.9 | 14.9 | 15.0 | 15.0 | 15.1 | 15.1 | | | |
| ORP (mV) | -84.7 | -65.1 | -60.9 | -57.7 | -57.5 | -56.6 | | | |
| | Physical appeara | ince at start Cole | or Clear | Phys | ical appearance at | sampling Co | lor <u> </u> | Clear | |
| | | Odd | or None | <u>_</u> | | Od | or N | None | |
| | Sheen/Free Prod | luct N | lone | Shee | en/Free Product | | None | | |
| COMMENTS/OBSERVATIONS | Started purge at 12:3 | 2 hrs. | | | | | | | |
| | Sampled at 13:00 hrs | S. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | | | | Casing Diameter | | | 1 | | inches |
|--|---------------------------|-----------------------|----------------|-------------------------|--------------------|------------|-------------|--------------|--------------|
| Field Personnel | Collin Ho | rrocks | | Casing Material | | | PVC | | <u>.</u> |
| Site Name | Former Scott Aviation Si | te - Lancaster, NY | · | Measuring Point Eleva | tion | | 689.10 | | 1/100 ft |
| AECOM Job # | 6067 | 76146 | | Height of Riser (above | land surface) | | -0.1 | 0 | 1/100 ft |
| Well ID # | A1-GP10 | -S | | Land Surface Elevation | n | | 689.2 | | 1/100 ft |
| U | pgradient | Downgradient | | Screened Interval (beld | ow land surfac | | 5-1 | 5 | 1/100 ft |
| Weather Conditions | Clo | oudy | | | | | | | |
| Air Temperature | 52 | | | Container | Analysis (N | /lethod) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below T | op of Casing | 15 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DG) | W) Below Top of Casing = | 2.02 | 1/100 ft | VOA 40 mL glass | TOO | | 2 | HCL, 4°C | |
| Length of Water Column (L | WC) = TWD - DGW = | 12.98 | 1/100 ft | Various | MNA Ana | alyses | 15 | Varies | |
| 1 Casing Volume (OCV) = L | WC x <u>0.0408</u> = | 0.53 | gal | VOA 40 mL glass | VFA | ١ | 2 | none | |
| 3 Casing Volumes = | 1.59 | 9 | gal | | | | | | |
| Method of Well Evacuation | Per | istaltic Pump | | | | | | | |
| Method of Sample Collectio | Peristaltic | Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Rem | nove | 0.5 | gal | | | | | | |
| | | | | | | | | | |
| | | FIELD A | NALYSES | | | 7/10/17 | post sample | 1 | 1 |
| Flow Rate (ml/min) | 100 | 100 | 100 | 150 | | | | | |
| Time (Military) | 1130 | 1135 | 1140 | 1145 | | | | | |
| Depth to Groundwater Below Top of Casing (ft) | 6.22 | 9.82 | 10.42 | 12.17 | | | | | |
| Drawdown (ft) | -4.20 | -3.60 | -0.60 | -1.75 | | | | | |
| pH (S.U.) | 6.40 | 6.45 | 6.47 | 6.50 | | | | | |
| Sp. Cond. (mS/cm) | 2.16 | 1.80 | 1.73 | 1.71 | | | | | |
| Turbidity (NTUs) | 88.8 | 97.0 | 92.3 | 91.7 | | | | | |
| Dissolved Oxygen (mg/L) | 0.40 | 0.49 | 0.46 | 0.45 | | | | | |
| Water Temperature (°C) | 15.3 | 15.5 | 15.3 | 14.9 | | | | | |
| ORP (mV) | -32.5 | -42.2 | -45.9 | -48.4 | | | | | |
| | Physical appeara | nce at start Col | or Clear | Phys | ical appearance at | sampling (| Color | Clear | |
| | | Ode | or None | _ | | (| Odor | None | |
| | Sheen/Free Prod | uct | None | Sheen/Fre | e Product | | None | | |
| COMMENTS/OBSERVATION | ONS Started purge at 11:2 | 6 hrs, dry at 11:47 l | nrs. | | | | | | |
| | Sampled on 10/10/22 | at 09:45 hrs for MN | NA, VOC and TO | C. VFA sampled at 13:30 | hrs. | | | | |
| | | | | | | | | | _ |

| Date (mo/day/yr | 10/10/ | _ | Casing Diameter | | | | 1 | | | | inches | |
|------------------------------------|--|---------------------|-----------------|-------------------------|--------------------|-------------|-----------|--------|------------|----|----------|----------|
| Field Personnel | | orrocks | | Casing Material | | | | PVC | | | | |
| Site Name F | ormer Scott Aviation Si | ite - Lancaster, NY | | Measuring Point Eleva | tion | | | 687 | .69 | | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | | | | | -1.74 | | <u>.</u> | 1/100 ft |
| Well ID # | A1-GP14 | I-S | | Land Surface Elevation | | | | 689.4 | 1 | | <u>.</u> | 1/100 ft |
| Up | gradient | Downgradient | | Screened Interval (belo | | | | | 5-15 | | | 1/100 ft |
| Weather Conditions | Cl | oudy | | | | | | | | | | |
| Air Temperature | 51 | | | Container | Analysis (N | fethod) | # Bottles | | Preservati | ve | Dup - | - MS/MSD |
| Total Depth (TWD) Below To | p of Casing_ | 15 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | | HCL, 4°C | | | |
| Depth to Groundwater (DGW | /) Below Top of Casing | 1.89 | 1/100 ft | VOA 40 mL glass | TOO | ; | 2 | | HCL, 4°0 | | | |
| Length of Water Column (LW | /C) = TWD - DGW | 13.11 | 1/100 ft | | | | | | | | | |
| 1 Casing Volume (OCV) = L\ | <i>NC</i> x 0.0408 = | 0.53 | gal | | | | | | | | | |
| 3 Casing Volumes = | 1.6 | 60 | gal | | | | | | | | | |
| Method of Well Evacuation | | | | | | | | | | | | |
| Method of Sample Collection | Peristaltio | | | | | | | | | | | |
| Total Volume of Water Remo | ne of Water Remover 1.0 gs | | | | | | | | | | | |
| | <u> </u> | | | | EIEL D | ANALVETE | | | | | | |
| Flow Boto (ml/min) | 125 | 125 | 125 | 125 | 125 | ANALYSES | | | | | | |
| Flow Rate (ml/min) Time (Military) | 1020 | 1025 | 1030 | 1035 | 1040 | | | | | | | |
| Depth to Groundwater | 1020 | 1025 | 1030 | 1035 | 1040 | | | | | | | |
| Below Top of Casing (ft) | 3.36 | 3.98 | 5.13 | 11.45 | 14.60 | | | | | | | |
| Drawdown (ft) | -1.47 | -0.62 | -1.15 | -6.32 | -3.15 | | | | | | | |
| pH (S.U.) | 6.98 | 7.19 | 7.18 | 7.12 | 7.16 | | | | | | | |
| Sp. Cond. (mS/cm) | 0.79 | 0.64 | 0.58 | 0.532 | 0.58 | | | | | | | |
| Turbidity (NTUs) | 128 | 245 | 61.5 | 99.9 | 235 | | | | | | | |
| Dissolved Oxygen (mg/L) | 1.10 | 0.49 | 0.33 | 0.46 | 0.38 | | | | | | | |
| Water Temperature (°C) | 17.4 | 17.6 | 17.8 | 17.5 | 17.1 | | | | | | | |
| ORP (mV) | -77.8 | -106.0 | -94.0 | -79.1 | -79.4 | | | | | | | |
| | Physical appeara | ance at start Cold | or <u>Clear</u> | Physi | ical appearance at | sampling Co | olor | cloudy | | | | |
| | | Odo | or None | _ | | O | dor | None | | | | |
| | Sheen/Free Prod | duc <u>N</u> | one | Sheen/Fre | e Product | | None | | | | | |
| COMMENTS/OBSERVATION | OMMENTS/OBSERVATIONS Started purge at 10:18 hrs, dry at 10:42 hrs. | | | | | | | | | | | |
| | Sampled at 11:45 hrs. | | | | | | | | | | | |
| | , | | | | | | | | | | | |

| Field Personnel Collin Horrocks Casing Material PVC | |
|--|----------|
| | |
| Site Name Former Scott Aviation Site - Lancaster, NY Measuring Point Elevation 687.69 | 1/100 ft |
| AECOM Job # 60676146 Height of Riser (above land surface) -0.31 | 1/100 ft |
| Well ID# A1-GP15-S Land Surface Elevation 688.0 | 1/100 ft |
| Upgradient Downgradient Screened Interval (below land surfac 5-15 | 1/100 ft |
| Weather Conditions Cloudy | |
| Air Temperature 66 Container Analysis (Method) # Bottles Preservative Dup - M | S/MSD |
| Total Depth (TWD) Below Top of Casinç 14.82 1/100 ft VOA 40 mL glass TCL VOCs (8260B) 3 HCL, 4°C | |
| Depth to Groundwater (DGW) Below Top of Casing 2.27 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C | |
| Length of Water Column (LWC) = TWD - DGW 12.55 1/100 ft | |
| 1 Casing Volume (OCV) = LWC x 0.0408 = 0.51 gal | |
| 3 Casing Volumes = 1.54 gal | |
| Method of Well Evacuation Peristaltic Pump | |
| Method of Sample Collectio Peristaltic Pump/Poly Tubing | |
| Total Volume of Water Remove 1.0 gal | |
| FIELD ANALYSES | |
| Flow Rate (ml/min) 150 100 100 100 100 100 | |
| Time (Military) 1435 1440 1445 1450 1455 1500 | |
| Depth to Groundwater 5.48 7.90 10.60 11.82 12.50 13.13 | |
| Drawdown (ft) -3.21 -2.42 -2.70 -1.22 -0.68 -0.63 | |
| pH (S.U.) ND 6.95 6.95 6.98 7.02 6.99 | |
| Sp. Cond. (mS/cm) ND 0.71 0.72 0.73 0.72 0.72 | |
| Turbidity (NTUs) ND 54.8 52.7 53.5 51.7 52.3 | |
| Dissolved Oxygen (mg/L) ND 4.57 3.47 0.98 0.89 0.92 | |
| Water Temperature (°C) ND 16.2 16.2 16.1 16.2 16.1 | |
| ORP (mV) ND 15.3 13.7 13.6 12.6 12.8 | |
| Physical appearance at start Color Clear Physical appearance at sampling Color Clear | |
| Odor None Odor None | |
| Sheen/Free Product None Sheen/Free Product None | |
| COMMENTS/OBSERVATIONS Started purge at 14:27 hrs, YSI batteries died at 14:36 hrs. | |
| Sampled at 15:00 hrs. | |

| Date (mo/day/yr | 10/5/ | | Casing Diameter 1 | | | | | inches | |
|--|---|----------------------|-------------------|------------------------|-------------------|------------------|-------------|--------------|--------------|
| Field Personnel | Collin H | lorrocks | | Casing Material | | PV | С | | <u>.</u> |
| Site Name For | mer Scott Aviation S | Site - Lancaster, NY | | Measuring Point Eleva | ition | | 687.69 | | 1/100 ft |
| AECOM Job # | 600 | 676146 | | Height of Riser (above | land surface) | | -0.31 | | 1/100 ft |
| Well ID # | A1-GP1 | 6-S | | Land Surface Elevatio | n | | 688.0 | | 1/100 ft |
| Upgra | adient | Downgradient | | Screened Interval (bel | ow land surfac | | 5-15 | | 1/100 ft |
| Weather Conditions | S | Sunny | | | | | | | |
| Air Temperature | 68 | | | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top | of Casin <u>ę</u> | 17.52 | 1/100 ft | VOA 40 mL glass | TCL VOCs | TCL VOCs (8260B) | | HCL, 4°C | |
| Depth to Groundwater (DGW) | Below Top of Casing | 3.49 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC | (c) = TWD - DGW | 14.03 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LW0 | C x <u>0.0408</u> = | 0.57 | gal | | | | | | |
| 3 Casing Volumes = | 1. | 72 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collectio | thod of Sample Collectio Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Remove 1.0 ga | | | gal | | | | | | |
| | | | FI | ELD ANALYSES | | T | | | |
| Flow Rate (ml/min) | 150 | 150 | 150 | 150 | 150 | 150 | | | |
| Time (Military) | 1425 | 1430 | 1435 | 1440 | 1445 | 1450 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 5.55 | 5.72 | 5.87 | 6.02 | 6.06 | 6.15 | | | |
| Drawdown (ft) | -2.06 | -0.17 | -0.15 | -0.15 | -0.04 | -0.09 | | | |
| pH (S.U.) | 6.82 | 6.76 | 6.76 | 6.77 | 6.80 | 6.78 | | | |
| Sp. Cond. (mS/cm) | 0.79 | 0.79 | 0.80 | 0.80 | 0.81 | 0.81 | | | |
| Turbidity (NTUs) | 178 | 194 | 147 | 116 | 112 | 114 | | | |
| Dissolved Oxygen (mg/L) | 0.87 | 0.67 | 0.53 | 0.38 | 0.25 | 0.29 | | | |
| Water Temperature (°C) | 14.3 | 14.3 | 14.4 | 14.3 | 14.2 | 14.3 | | | |
| ORP (mV) | -24.8 | -16.7 | -11.3 | -2.2 | -0.5 | -1.1 | | | |
| | Physical appea | rance at start Cold | or <u>Clear</u> | Phys | ical appearance a | at sampling Cold | or <u>C</u> | Clear | |
| | Sheen/Free Produc | Odo | or None | _ | | Odo | r <u>N</u> | lone | |
| COMMENTS/ODSEDVATIONS | _ Sheen/Fre | e Product | No | one | | | | | |
| COMMENTS/OBSERVATIONS | Started purge at 14 Sampled at 14:50 h | | | | | | | | |
| | , | | | | | | | | _ |

| Date (mo/day/yr | 10/0 | 6/22 | | Casing Diameter | | 0. | 75 | | inches |
|--|----------------------|---------------------|----------|------------------------|---|------------------|-----------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | | /C | | <u>.</u> |
| Site Name Form | ner Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ation | | 690.37 | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | e land surface) | | 2.87 | | 1/100 ft |
| Well ID # | A1GP-1 | 8-S | | Land Surface Elevation | on | | 687.5 | | 1/100 ft |
| Upgra | dient | Downgradient | | Screened Interval (be | Screened Interval (below land surfac 5-15 | | | | 1/100 ft |
| Weather Conditions | С | oudy | | | | | | | |
| Air Temperature | 52 | | | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | f Casinţ | 18 | 1/100 ft | VOA 40 mL glass | TCL VOCs | TCL VOCs (8260B) | | HCL, 4°C | |
| · · · · · · · · · · · · · · · · · · · | | | 1/100 ft | VOA 40 mL glass | TO | TOC 2 | | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW | 13 | 1/100 ft | Various | MNA An | alyses | 15 | Varies | |
| 1 Casing Volume (OCV) = LWC | x <u>0.0408</u> = | 0.53 | gal | | | | | | |
| 3 Casing Volumes = | 1.9 | 59 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collectio Peristaltic Pump/Poly Tubing | | | | | | | | | |
| Total Volume of Water Remove 1.0 gal | | | | | | | | | |
| | | I | | FIELD ANALYSES | | 1 | | | |
| Flow Rate (ml/min) | 200 | 100 | 100 | 150 | 150 | 100 | | | |
| Time (Military) | 900 | 905 | 910 | 915 | 920 | 925 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 7.23 | 8.35 | 8.36 | 9.67 | 11.81 | 13.89 | | | |
| Drawdown (ft) | -2.23 | -1.12 | -0.01 | -1.31 | -2.14 | -2.08 | | | |
| pH (S.U.) | 6.95 | 6.83 | 6.80 | 6.86 | 6.89 | 6.86 | | | |
| Sp. Cond. (mS/cm) | 0.83 | 0.76 | 0.76 | 0.76 | 0.75 | 0.76 | | | |
| Turbidity (NTUs) | 185 | 331 | 358 | 257 | 254 | 247 | | | |
| Dissolved Oxygen (mg/L) | 0.90 | 0.43 | 0.37 | 0.44 | 0.38 | 0.40 | | | |
| Water Temperature (°C) | 13.2 | 13.1 | 13.1 | 13.2 | 13.2 | 13.1 | | | |
| ORP (mV) | -65.6 | -82.0 | -86.0 | -86.8 | -86.4 | -83.7 | | | |
| Physical appearance at start Color Odor None Sheen/Free Product None COMMENTS/OBSERVATIONS Started purge at 08:58 hrs. Physical appearance at sampling Color Odor None None Sheen/Free Product None Sheen/Free Product None Sheen/Free Product None | | | | | | | | | |
| | p 2 - 4 - 0 - 0 - 11 | - | | | | | | | |

| Date (mo/day/yr | 10/10/ | 2022 | | Casing Diameter | | 2 | | | inches |
|--|----------------------|---------------------|--------------------|---|-----------------|-----------------------------|---------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | PVC | | | <u>.</u> |
| Site Name For | ner Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ation | | | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | e land surface) | | 0.00 |) | 1/100 ft |
| Well ID # | |) | | Land Surface Elevation | | | | | 1/100 ft |
| Upgra | dient | Downgradient | | Screened Interval (below land surface 10-20 | | | | 1/100 ft | |
| Weather Conditions | С | oudy | | | | | | | |
| Air Temperature | 54 | | | Container | Analysis (I | Method) # | Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | f Casing : | 20 | 1/100 ft | VOA 40 mL glass | TCL VOCs | TCL VOCs (8260B) 3 HCL, 4°(| | | |
| Depth to Groundwater (DGW) B | elow Top of Casing = | 4.42 | 1/100 ft | VOA 40 mL glass | TO | C | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 15.58 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x 0.163 = | 2.54 | gal | | | | | | |
| 3 Casing Volumes = | 7.6 | 32 | gal | | | | | | |
| Method of Well Evacuation | | ristaltic Pump | | | | | | | |
| Method of Sample Collectior Peristaltic Pump/Poly Tubing | | | | | | | | | |
| Total Volume of Water Removed 2.0 | | | gal | | | | | | |
| | | | | FIELD ANALYSES | | , | | | |
| Flow Rate (ml/min) | 250 | 250 | 200 | 200 | 200 | 200 | | | |
| Time (Military) | 1205 | 1210 | 1215 | 1220 | 1225 | 1230 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 4.98 | 6.56 | 7.87 | 9.23 | 9.71 | 9.95 | | | |
| Drawdown (ft) | -0.56 | -1.58 | -1.31 | -1.36 | -0.48 | -0.24 | | | |
| pH (S.U.) | 7.37 | 7.25 | 7.25 | 7.27 | 7.26 | 7.27 | | | |
| Sp. Cond. (mS/cm) | 0.71 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | | | |
| Turbidity (NTUs) | 23.1 | 24.4 | 18.2 | 18.2 | 18.2 | 15.2 | | | |
| Dissolved Oxygen (mg/L) | 0.52 | 0.21 | 0.16 | 0.15 | 0.13 | 0.13 | | | |
| Water Temperature (°C) | 17.5 | 17.5 | 17.7 | 17.7 | 17.7 | 17.8 | | | |
| ORP (mV) | -77.6 | -117.8 | -110.3 | -106.6 | -106.0 | -105.0 | | | |
| | r Clear None | Phys | sical appearance a | t sampling Color Odor | | Clear None | | | |
| | Sheen/Free Prod | | one | Sheen/Fre | ee Product | Non | е | | |
| COMMENTS/OBSERVATIONS Started purge at 12:02 hrs. | | | | | | | | | |
| | Sampled at 12:30 hrs | S. | | | | | | | |

| Date (mo/day/yr | e (mo/day/yr10/7/2022 | | | | | 2 | | | inches |
|---|--|---------------------|----------------|------------------------|--------------------|-----------------|-----------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | PV | С | | <u>.</u> |
| Site Name Form | ner Scott Aviation S | ite - Lancaster, NY | , | Measuring Point Elev | ation | | 688.56 | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | e land surface) | | -0.5 | 4 | 1/100 ft |
| Well ID # | MW-35 | is | | Land Surface Elevation | on | | 689.1 | | 1/100 ft |
| Upgra | ndient | Downgradient | | Screened Interval (be | elow land surfac | | 5-1 | 5 | 1/100 ft |
| Weather Conditions | С | loudy | | | | | | | |
| Air Temperature | 52 | | °F | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | of Casin(| 14.01 | 1/100 ft | VOA 40 mL glass | TCL VOCs | s (8260B) | 3 | HCL, 4°C | Dup |
| Depth to Groundwater (DGW) E | Below Top of Casing | 10.03 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC) |) = TWD - DGW | 3.98 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | 0.163 = | 0.65 | gal | | | | | | |
| 3 Casing Volumes = | 1.9 | 95 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collection | hod of Sample Collectio Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Remove 1.5 | | | gal | | | | | | |
| | | | | FIELD ANALYSES | | T | | T | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | 200 | |
| Time (Military) | 930 | 935 | 940 | 945 | 950 | 955 | | 1000 | |
| Depth to Groundwater Below Top of Casing (ft) | 10.52 | 10.87 | 11.21 | 11.64 | 12.02 | 12.34 | | 12.69 | |
| Drawdown (ft) | -0.49 | -0.35 | -0.34 | -0.43 | -0.38 | -0.32 | | -0.35 | |
| pH (S.U.) | 7.08 | 7.00 | 6.99 | 7.00 | 7.01 | 6.95 | | 6.97 | |
| Sp. Cond. (mS/cm) | 0.80 | 0.80 | 0.82 | 0.83 | 0.83 | 0.82 | | 0.82 | |
| Turbidity (NTUs) | 47.80 | 28.80 | 17.80 | 11.80 | 10.9 | 10.3 | | 10.4 | |
| Dissolved Oxygen (mg/L) | 2.57 | 2.72 | 1.76 | 1.05 | 0.84 | 0.82 | | 0.83 | |
| Water Temperature (°C) | 13.3 | 13.5 | 13.6 | 13.7 | 13.5 | 13.4 | | 13.5 | |
| ORP (mV) | 6.0 | 22.8 | 38.1 | 42.4 | 45.1 | 41.6 | | 42.8 | |
| | Physical appear | ance at start Col | or Clear | Phys | sical appearance a | at sampling Col | or | Clear | |
| | | Odd | or <u>None</u> | _ | | Odo | or | None | |
| | Sheen/Free Produc | t <u> </u> | lone | Sheen/Fr | ee Product | N | one | | |
| COMMENTS/OBSERVATIONS | Started purge at 09: | 27 hrs. | | | | | | | |
| | Sampled at 10:00 h | rs. | | | | | | | |

| Date (mo/day/yr | 10/7/ | 2022 | | Casing Diameter | | 2 | | | inches |
|--|---|---------------------|--|------------------------|--------------------|------------------|-------------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | PV | С | | |
| Site Name Form | mer Scott Aviation S | ite - Lancaster, NY | <u>, </u> | Measuring Point Elev | vation | | 698.66 | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (abov | e land surface) | | 2.83 | | 1/100 ft |
| Well ID # | MW-35 | 5D | | Land Surface Elevation | on | ı | 687.1 | | 1/100 ft |
| Upgra | adient | Downgradient | | Screened Interval (be | elow land surfac | | 21-26 | 3 | 1/100 ft |
| Weather Conditions | С | loudy | | | | | • | | |
| Air Temperature | 50 | | | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top | Below Top of Casing 25.22 1/100 ft | | | VOA 40 mL glass | TCL VOCs | TCL VOCs (8260B) | | HCL, 4°C | |
| Depth to Groundwater (DGW) E | oundwater (DGW) Below Top of Casing 7.45 1/100 ft | | | VOA 40 mL glass | TO | TOC | | HCL, 4°C | |
| Length of Water Column (LWC | s) = TWD - DGW | 17.77 | 1/100 ft | Various | MNA An | alyses | 15 | Varies | |
| 1 Casing Volume (OCV) = LWC | C x <u>0.163</u> = | 2.90 | gal | | | | | | |
| 3 Casing Volumes = | 8.6 | 69 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | c Pump/Poly Tubing | J | | | | | | |
| Total Volume of Water Remove | Volume of Water Remove 2.5 gal | | | | | | | | |
| | | | F | FIELD ANALYSES | | | | | |
| Flow Rate (ml/min) | 300 | 300 | 250 | 250 | 250 | 250 | | | |
| Time (Military) | 1025 | 1030 | 1035 | 1040 | 1045 | 1050 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 7.62 | 8.75 | 10.12 | 11.33 | 11.97 | 12.46 | | | |
| Drawdown (ft) | -0.17 | -1.13 | -1.37 | -1.21 | -0.64 | -0.49 | | | |
| pH (S.U.) | 7.29 | 7.21 | 7.25 | 7.27 | 7.28 | 7.32 | | | |
| Sp. Cond. (mS/cm) | 0.479 | 0.489 | 0.470 | 0.466 | 0.462 | 0.462 | | | |
| Turbidity (NTUs) | 327.00 | 229.00 | 126.00 | 117.00 | 114.00 | 113.00 | | | |
| Dissolved Oxygen (mg/L) | 1.18 | 0.33 | 0.21 | 0.24 | 0.23 | 0.22 | | | |
| Water Temperature (°C) | 12.9 | 12.6 | 12.7 | 12.7 | 13.0 | 12.9 | | | |
| ORP (mV) | -80.3 | -131.7 | -150.6 | -152.7 | -153.7 | -155.3 | | | |
| | Physical appear | rance at start Cole | or Cloudy/Gray | _ Phy | sical appearance a | it sampling Colo | or <u>C</u> | lear | |
| | | Odd | or <u>None</u> | _ | | Odo | r <u>N</u> | lone | |
| | Sheen/Free Produc | | lone | _ Sheen/Fr | ee Product | No | ne | | |
| COMMENTS/OBSERVATIONS Started purge at 10:22 hrs. Sampled at 10:50 hrs. | | | | | | | | | |
| | Campied at 10.30 II | 10. | | | | | | | _ |

| Date (mo/day/yr | 10/5 | 5/2022 | | Casing Diameter | | | 2 | | inches |
|---|--|---------------------|-----------|------------------------|------------------|----------------------|-----------|--------------|--------------|
| Field Personnel | Collin | Horrocks | | Casing Material | | | PVC | | <u>.</u> |
| Site Name | Former Scott Aviation | Site - Lancaster, N | Υ | Measuring Point Elev | ration | | 689.82 | | 1/100 ft |
| AECOM Job # | 60 | 0676146 | | Height of Riser (abov | e land surface) | | 2.72 | 2 | 1/100 ft |
| Well ID # | MW-3 | 36S | | Land Surface Elevation | on | | 687.1 | | 1/100 ft |
| | Upgradient | Downgradient | | Screened Interval (be | elow land surfac | | 5-15 | 1/100 ft | |
| Weather Conditions | • | Sunny | | | | | | | |
| Air Temperature | 60 |) | | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Belo | ow Top of Casin(| 17.7 | 1/100 ft | VOA 40 mL glass | TCL VOC | TCL VOCs (8260B) 3 H | | HCL, 4°C | |
| Depth to Groundwater (| ndwater (DGW) Below Top of Casing 3.57 1/100 | | | VOA 40 mL glass | TC | С | 2 | HCL, 4°C | |
| Length of Water Column | n (LWC) = TWD - DGW | 14.13 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) |) = LWC x <u>0.163</u> = | 2.30 | gal | | | | | | |
| 3 Casing Volumes = | 6 | .91 | gal | | | | | | |
| Method of Well Evacuat | tionF | Peristaltic Pump | | | | | | | |
| Method of Sample Collectio Peristaltic Pump/Poly Tubing | | | g | | | | | | |
| Total Volume of Water Remove 2.0 ga | | | gal | | | | | | |
| | | I | | FIELD ANALYSES | | 1 | | | |
| Flow Rate (ml/min) | 350 | 250 | 250 | 250 | 250 | <u> </u> | | | |
| Time (Military) | 1155 | 1200 | 1205 | 1210 | 1215 | | | | |
| Depth to Groundwater Below Top of Casing (ft) | 4.36 | 5.21 | 6.55 | 7.50 | 8.22 | | | | |
| Drawdown (ft) | -0.79 | -0.85 | -1.34 | -0.95 | -0.72 | | | | |
| pH (S.U.) | 7.10 | 7.06 | 7.05 | 7.04 | 7.08 | | | | |
| Sp. Cond. (mS/cm) | 1.23 | 1.21 | 1.18 | 1.15 | 1.19 | | | | |
| Turbidity (NTUs) | 10.7 | 11.3 | 7.83 | 11.5 | 11.2 | | | | |
| Dissolved Oxygen (mg/l | _) 0.59 | 0.66 | 0.65 | 0.61 | 0.64 | | | | |
| Water Temperature (°C |) 13.0 | 13.2 | 13.3 | 13.7 | 13.7 | | | | |
| ORP (mV) | -86.0 | -89.0 | -90.9 | -91.5 | -94.5 | | | | |
| | Physical appea | arance at start Co | lor Clear | Phy | sical appearance | at sampling | Color | Clear | |
| | | Od | or None | _ | | | Odor1 | None | |
| | Sheen/Free Produ | | None | Sheen/Fr | ee Product | | None | | |
| COMMENTS/OBSERVA | ATIONS Started purge at 1 Sampled at 12:15 | | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr 10/5/2022 Casing Diameter 2 Inches |
|--|
| AECOM Job # 60676146 Height of Riser (above land surface) 2.56 1/100 ft Well ID # MW-36D Land Surface Elevation 687.1 1/100 ft Upgradient Downgradient Screened Interval (below land surface) 16-21 1/100 ft Weather Conditions Sunny Screened Interval (below land surface) 16-21 1/100 ft Air Temperature 55 Container Analysis (Method) # Bottles Preservative Dup - MS/MSD Total Depth (TWD) Below Top of Casing 6.62 1/100 ft VOA 40 mL glass TCL VOCs (8260B) 3 HCL, 4°C Length of Water Column (LWC) = TWD - DGW 16.88 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C 1 Casing Volume (OCV) = LWC x 0.163 2.75 gal Gal </td |
| Well ID # MW-36D Land Surface Elevation 687.1 1/100 ft Upgradient Downgradient Screened Interval (below land surfac 16-21 1/100 ft Weather Conditions Sunny Container Analysis (Method) # Bottles Preservative Dup - MS/MSD Total Depth (TWD) Below Top of Casing 23.5 1/100 ft VOA 40 mL glass TCL VOCs (8260B) 3 HCL, 4°C Depth to Groundwater (DGW) Below Top of Casing 6.62 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C Length of Water Column (LWC) = TWD - DGW 16.88 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C 1 Casing Volume (OCV) = LWC x 0.163 = 2.75 gal Method of Well Evacuation Peristaltic Pump Peristaltic Pump/Poly Tubing |
| Upgradient Downgradient Screened Interval (below land surfac 16-21 1/100 ft |
| Weather Conditions Sunny Air Temperature 55 Container Analysis (Method) # Bottles Preservative Dup - MS/MSD Total Depth (TWD) Below Top of Casing 23.5 1/100 ft VOA 40 mL glass TCL VOCs (8260B) 3 HCL, 4°C Depth to Groundwater (DGW) Below Top of Casing 6.62 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C Length of Water Column (LWC) = TWD - DGW 16.88 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C 1 Casing Volume (OCV) = LWC x 0.163 = 2.75 gal 9 9 9 9 Method of Well Evacuation Peristaltic Pump Peristaltic Pump/Poly Tubing 9 9 9 9 9 |
| Air Temperature 55 Container Analysis (Method) # Bottles Preservative Dup - MS/MSD Total Depth (TWD) Below Top of Casing 23.5 1/100 ft VOA 40 mL glass TCL VOCs (8260B) 3 HCL, 4°C H |
| Total Depth (TWD) Below Top of Casing 23.5 1/100 ft VOA 40 mL glass TCL VOCs (8260B) 3 HCL, 4°C Depth to Groundwater (DGW) Below Top of Casing 6.62 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C Length of Water Column (LWC) = TWD - DGW 16.88 1/100 ft Include the column of th |
| Depth to Groundwater (DGW) Below Top of Casing 6.62 1/100 ft VOA 40 mL glass TOC 2 HCL, 4°C Length of Water Column (LWC) = TWD - DGW 16.88 1/100 ft Image: Column (LWC) = LWC x |
| Length of Water Column (LWC) = TWD - DGW 16.88 1/100 ft 1 Casing Volume (OCV) = LWC x 0.163 = 2.75 gal 3 Casing Volumes = 8.25 gal Method of Well Evacuation Peristaltic Pump Method of Sample Collection Peristaltic Pump/Poly Tubing |
| 1 Casing Volume (OCV) = LWC x |
| 3 Casing Volumes = 8.25 gal Method of Well Evacuation Peristaltic Pump Method of Sample Collection Peristaltic Pump/Poly Tubing |
| Method of Well Evacuation Peristaltic Pump Method of Sample Collection Peristaltic Pump/Poly Tubing |
| Method of Sample Collectio Peristaltic Pump/Poly Tubing |
| |
| Total Values of Water Barraya |
| Total Volume of Water Remove 2.0 gal |
| FIELD ANALYSES |
| Flow Rate (ml/min) 300 250 250 250 250 250 |
| Time (Military) 1110 1115 1120 1125 1130 1135 |
| Depth to Groundwater 8.97 10.21 11.82 13.48 14.75 |
| Drawdown (ft) -0.99 -1.36 -1.24 -1.61 -1.66 -1.27 |
| pH (S.U.) 7.40 7.38 7.29 7.27 7.23 7.21 |
| Sp. Cond. (mS/cm) 1.45 1.44 1.44 1.44 1.44 1.44 1.44 |
| Turbidity (NTUs) 17.2 15.6 20.0 18.8 17.6 17.1 |
| Dissolved Oxygen (mg/L) 0.96 0.75 0.51 0.46 0.49 0.48 |
| Water Temperature (°C) 13.0 12.7 12.6 12.6 12.6 12.5 |
| ORP (mV) -143.5 -160.0 -154.3 -152.9 -149.4 -148.5 |
| Physical appearance at start Color Clear Physical appearance at sampling Color Clear |
| Odor None Odor None |
| Sheen/Free Product None Sheen/Free Product None |
| COMMENTS/OBSERVATIONS Started purge at 11:08 hrs. |
| Sampled at 11:35 hrs. |

| Date (mo/day/yr | · | | | | | 2 | 2 | | inches |
|--|--|---------------------|-----------------|------------------------|--|----------------|-------------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | | ′C | | |
| Site Name For | rmer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Elev | ation | | 690.05 | | 1/100 ft |
| AECOM Job # | 606 | 676146 | | Height of Riser (above | ve land surface) | | 2.45 | | 1/100 ft |
| Well ID # | MW-37 | 'D | | Land Surface Elevati | | | 687.6 | | 1/100 ft |
| Upg | radient | Downgradient | | Screened Interval (be | Screened Interval (below land surfac 15-20 | | | | |
| Weather Conditions | С | loudy | | | | | | | |
| Air Temperature | 59 | | | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top | of Casinç | 22.5 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) | oth to Groundwater (DGW) Below Top of Casing 5.8 1/100 | | | VOA 40 mL glass | TO | 0 | 2 | HCL, 4°C | |
| Length of Water Column (LWC | C) = TWD - DGW | 16.7 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LW | C x 0.163 = | 2.72 | gal | | | | | | |
| 3 Casing Volumes = | 8. | 17 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | c Pump/Poly Tubing | | | | | | | |
| | | | gal | | | | | | |
| | | | | FIELD ANALYSES | T | T | 1 | | |
| Flow Rate (ml/min) | 400 | 250 | 250 | 250 | 250 | 250 | | | |
| Time (Military) | 1010 | 1015 | 1020 | 1025 | 1030 | 1035 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 7.22 | 8.01 | 8.64 | 9.18 | 9.48 | 9.69 | | | |
| Drawdown (ft) | -1.42 | -0.79 | -0.63 | -0.54 | -0.30 | -0.21 | | | |
| pH (S.U.) | 7.01 | 6.96 | 6.85 | 6.80 | 6.84 | 6.82 | | | |
| Sp. Cond. (mS/cm) | 0.96 | 0.97 | 1.04 | 1.06 | 1.03 | 1.04 | | | |
| Turbidity (NTUs) | ND | 121 | 66.9 | 27.7 | 21.3 | 24.8 | | | |
| Dissolved Oxygen (mg/L) | 0.22 | 0.18 | 0.15 | 0.24 | 0.16 | 0.20 | | | |
| Water Temperature (°C) | 12.50 | 12.80 | 12.70 | 12.50 | 12.50 | 12.50 | | | |
| ORP (mV) | -79.9 | -94.1 | -90.9 | -88.3 | -90.7 | -91.3 | | | |
| | Physical appear | rance at start Cold | or <u>Clear</u> | Phy | sical appearance a | t sampling Col | or <u>C</u> | Clear | |
| | | Odo | or None | _ | | Odd | or <u>N</u> | lone | |
| | Sheen/Free Produc | | one | Sheen/Fr | ree Product | N | one | | |
| COMMENTS/OBSERVATION | S Started purge at 10: Sampled at 10:35 h | | | | | | | | |
| | Sampled at 10.35 ft | 10. | | | | | | | |

| Date (mo/day/yr | 10/6/2 | 2022 | | Casing Diameter 2 | | | | | inches |
|--------------------------------------|--|------------------------|----------|--------------------------|---------------------|--------------------------|---------|---------------|--------------|
| Field Personnel | Collin Ho | orrocks | | Casing Material | | PVC | | | <u> </u> |
| Site Name For | mer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ition | | 689.66 | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | land surface) | | 2.72 | | 1/100 ft |
| Well ID # | MW-38 | D | | Land Surface Elevatio | n | 6 | 87.5 | | 1/100 ft |
| Upgra | dient | Downgradient | | Screened Interval (bel | ow land surface | | 16-2 | 1 | 1/100 ft |
| Weather Conditions | Partly | / Cloudy | | | | | | | |
| Air Temperature | 64 | | ° F | Container | Analysis (N | Method) # | Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | f Casing : | 20.9 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) B | epth to Groundwater (DGW) Below Top of Casing = 5 | | | VOA 40 mL glass | TOO | | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | ngth of Water Column (LWC) = TWD - DGW =15.9 | | | Various | MNA Ana | alyses | 15 | Varies | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 2.59 | gal | | | | | | |
| 3 Casing Volumes = | 7.7 | 78 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collectior | thod of Sample Collectior Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Removed | Total Volume of Water Removec 1.5 | | | | | | | | |
| | | | | FIELD ANALYSES | | | | | |
| Flow Rata (ml/min) | 350 | 250 | 250 | 200 | 200 | 200 | | | |
| Flow Rate (ml/min) | | | | | | | | | |
| Time (Military) Depth to Groundwater | 1155 | 1200 | 1205 | 1210 | 1215 | 1220 | | | |
| Below Top of Casing (ft) | 5.21 | 6.79 | 9.07 | 10.62 | 12.25 | 13.23 | | | |
| Drawdown (ft) | -0.21 | -1.58 | -2.28 | -1.55 | -1.63 | -0.98 | | | |
| pH (S.U.) | 7.54 | 7.45 | 7.46 | 7.46 | 7.47 | 7.47 | | | |
| Sp. Cond. (mS/cm) | 0.91 | 0.89 | 0.88 | 0.88 | 0.88 | 0.88 | | | |
| Turbidity (NTUs) | 55.0 | 40.0 | 52.5 | 50.7 | 51.2 | 50.6 | | | |
| Dissolved Oxygen (mg/L) | 0.38 | 0.12 | 0.12 | 0.14 | 0.15 | 0.14 | | | |
| Water Temperature (°C) | 15.4 | 15.1 | 15.1 | 15.3 | 15.3 | 15.3 | | | |
| ORP (mV) | -11.2 | -87.0 | -100.9 | -102.2 | -100.8 | -100.2 | | | |
| | Physical appeara | ince at start Co Od | | Phys | sical appearance at | t sampling Color Odor | | Clear None | |
| | Sheen/Free Prod | | None | Sheen/Fre | e Product | Nor | | | |
| COMMENTS/OBSERVATIONS | | _ | | | | 1401 | | | |
| | Sampled at 12:20 hrs | S. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 10/6/2 | | Casing Diameter | | | 2 | | inches | |
|---------------------------------------|--|---------------------|------------------------|------------------------|------------------------|------------------------|-------------|--------------|--------------|
| Field Personnel | Collin Ho | orrocks | | Casing Material | | F | PVC | | <u>.</u> |
| Site Name Form | mer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ation | | 689.72 | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | e land surface) | | 2. | 57 | 1/100 ft |
| Well ID # | MW-39 | D | | Land Surface Elevation | | | 687.4 | | 1/100 ft |
| Upgra | dient | Downgradient | | Screened Interval (be | low land surface | | 15- | -20 | 1/100 ft |
| Weather Conditions | CI | oudy | | | | | | | |
| Air Temperature | 64 | | | Container | Analysis (N | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | elow Top of Casing : 22.5 | | | VOA 40 mL glass | TCL VOCs | TCL VOCs (8260B) 3 4°C | | | |
| Depth to Groundwater (DGW) B | pth to Groundwater (DGW) Below Top of Casing = 5.57 | | | VOA 40 mL glass | TOO | <u> </u> | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 16.93 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 2.76 | gal | | | | | | |
| 3 Casing Volumes = | 8.2 | 8 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collectior | od of Sample Collectior Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Remover 2.0 ga | | | gal | | | | | | |
| | | | | TIELD AMALVEES | | | | | |
| Flow Rate (ml/min) | 250 | 250 | 250 | 200 | 200 | | | | |
| , , | | | 1120 | 1125 | | | | | |
| Time (Military) Depth to Groundwater | 1110 | 1115 | 1120 | 1125 | 1130 | | | | |
| Below Top of Casing (ft) | 6.63 | 8.14 | 9.80 | 10.75 | 11.30 | | | | |
| Drawdown (ft) | -1.06 | -1.51 | -1.66 | -0.95 | -0.55 | | | | |
| pH (S.U.) | 6.97 | 6.96 | 6.98 | 7.00 | 6.98 | | | | |
| Sp. Cond. (mS/cm) | 1.570 | 1.580 | 1.580 | 1.590 | 1.580 | | | | |
| Turbidity (NTUs) | 193 | 198 | 178 | 186 | 179 | | | | |
| Dissolved Oxygen (mg/L) | 0.44 | 0.25 | 0.17 | 0.20 | 0.19 | | | | |
| Water Temperature (°C) | 13.7 | 13.7 | 13.5 | 13.4 | 13.3 | | | | |
| ORP (mV) | -112.7 | -122.4 | -129.5 | -131.6 | -129.9 | | | | |
| | Physical appeara | | | Phys | sical appearance at | | olor | Clear | |
| | Sheen/Free Prod | Odo | or <u>None</u> Ione | | ee Product | 0 | dor None | None | |
| COMMENTS/OBSERVATIONS | | | IONE | Sileeil/File | se i-Toduct | | None | | |
| | Sampled at 11:30 hrs | | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 10/7/2 | 2022 | | Casing Diameter | | | 2 | | inches |
|--------------------------------|--|---------------------|-----------------|-------------------------|-------------------|------------------|-----------|--------------|--------------|
| Field Personnel | Collin H | orrocks | | Casing Material | | | VC | | <u>.</u> |
| Site Name Form | ner Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | tion | | 689.19 | | 1/100 ft |
| AECOM Job # | 606 | 76146 | | Height of Riser (above | land surface) | | -0.3 | 3 | 1/100 ft |
| Well ID # | MW-40 | D | | Land Surface Elevation | n | | 689.5 | | 1/100 ft |
| Upgrad | dient | Downgradient | | Screened Interval (belo | ow land surface | | 17.8-2 | 22.8 | 1/100 ft |
| Weather Conditions | Cl | oudy | | | | | | | |
| Air Temperature | 54 | | | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | | | 1/100 ft | VOA 40 mL glass | TCL VOCs | TCL VOCs (8260B) | | HCL, 4°C | |
| Depth to Groundwater (DGW) Be | th to Groundwater (DGW) Below Top of Casing = 6.63 | | 1/100 ft | VOA 40 mL glass | TOO | 2 | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | ength of Water Column (LWC) = TWD - DGW = 15.87 1/100 ft | | | Various | MNA Ana | alyses | 15 | Varies | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 2.77 | gal | | | | | | |
| 3 Casing Volumes = | 8.3 | 31 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collectior | Dilectior Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Removed | tal Volume of Water Remover 2.5 gal | | | | | | | | |
| | | | | FIELD ANALYSES | | | | | |
| Flow Rate (ml/min) | 300 | 300 | 300 | 300 | 250 | | | | |
| Time (Military) | 1215 | 1220 | 1225 | 1230 | 1235 | | | | |
| Depth to Groundwater | 1210 | 1220 | 1223 | 1230 | 1200 | | | | |
| Below Top of Casing (ft) | 6.63 | 7.05 | 9.12 | 11.15 | 12.43 | | | | |
| Drawdown (ft) | 0.00 | -0.42 | -2.07 | -2.03 | -1.28 | | | | |
| pH (S.U.) | 7.12 | 7.24 | 7.24 | 7.28 | 7.27 | | | | |
| Sp. Cond. (mS/cm) | 1.03 | 0.99 | 0.97 | 0.96 | 0.96 | | | | |
| Turbidity (NTUs) | 105 | 122 | 126 | 125 | 127 | | | | |
| Dissolved Oxygen (mg/L) | 0.23 | 0.12 | 0.09 | 0.08 | 0.08 | | | | |
| Water Temperature (°C) | 13.6 | 13.8 | 13.9 | 14.0 | 14.0 | | | | |
| ORP (mV) | -92.4 | -124.7 | -148.7 | -163.9 | -157.9 | | | | |
| | Physical appeara | ance at start Col | or <u>Clear</u> | Phys | ical appearance a | t sampling Co | olor | Clear | |
| | | Ode | or None | _ | | O | dor | None | |
| COMMENTS/ODGEDVATIONS | Sheen/Free Prod | | lone | Sheen/Fre | e Product | | None | | |
| COMMENTS/OBSERVATIONS | Started purge at 12:1 Sampled at 12:35 hrs | | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr 10/7/2022 | | | | Casing Diameter 2 | | | | | inches | |
|---|--|---|---|------------------------|--|-----------|---------|--------------|--------------|--|
| Field Personnel | eld Personnel Collin Horrocks | | | | Casing Material PVC | | | | | |
| Site Name Form | Site Name Former Scott Aviation Site - Lancaster, NY | | | | Measuring Point Elevation 689.08 | | | | | |
| AECOM Job # | AECOM Job # 60676146 | | | | Height of Riser (above land surface) -0.58 | | | | | |
| Well ID # | MW-42 | 2S | | Land Surface Elevation | n | 68 | 39.66 | | 1/100 ft | |
| Upgra | dient | Downgradient | | Screened Interval (bel | ow land surface | | 5-15 | j | 1/100 ft | |
| Weather Conditions | C | loudy | | | | _ | | | T | |
| Air Temperature | 54 | | | Container | Analysis (| Method) # | Bottles | Preservative | Dup - MS/MSD | |
| Total Depth (TWD) Below Top or | f Casing : | 14.3 | 1/100 ft | VOA 40 mL glass | TCL VOCs | s (8260B) | 3 | HCL, 4°C | | |
| Depth to Groundwater (DGW) B | elow Top of Casing = | 5.12 | 1/100 ft | Various | MN | As | 15 | Various | | |
| Length of Water Column (LWC) | = TWD - DGW = | 9.18 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 1.50 | gal | 1 L Plastic | Gene- | Trac | 1 | none | | |
| 3 Casing Volumes = | 4. | 49 | gal | VOA 40 mL glass | VF | A | 2 | none | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | | |
| Method of Sample Collection | Peristalt | ic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Removec 2.5 | | | gal | | | | | | | |
| | | | | FIELD ANALYSES | | | | | | |
| Flow Rate (ml/min) | 300 | 300 | 300 | 300 | 300 | 300 | | | | |
| Time (Military) | 1300 | 1305 | 1310 | 1315 | 1320 | 1325 | | | | |
| Depth to Groundwater | 1000 | 1000 | 1010 | 1010 | 1020 | 1020 | | | | |
| Below Top of Casing (ft) | 5.23 | 5.42 | 6.17 | 6.79 | 7.34 | 7.96 | | | | |
| Drawdown (ft) | -0.11 | -0.19 | -0.75 | -0.62 | -0.55 | -0.62 | | | | |
| pH (S.U.) | 6.75 | 6.79 | 6.65 | 6.60 | 6.57 | 6.59 | | | | |
| Sp. Cond. (mS/cm) | 2.80 | 2.69 | 2.13 | 1.87 | 1.89 | 1.88 | | | | |
| Turbidity (NTUs) | 27.20 | 13.30 | 14.30 | 13.30 | 11.5 | 11.3 | | | | |
| Dissolved Oxygen (mg/L) | 0.24 | 0.11 | 0.09 | 0.16 | 0.16 | 0.16 | | | | |
| Water Temperature (°C) | 16.8 | 17.2 | 17.6 | 17.8 | 17.9 | 17.9 | | | | |
| ORP (mV) | -73.8 | -97.6 | -91.9 | -87.9 | -83.6 | -83.0 | | | | |
| Physical appearance at start Color Clear | | | Physical appearance at sampling Color Clear | | | | | | | |
| Odor None Shoon/Free Bredust Yee gold color | | Odor None Sheen/Free Product Yes in purge water, gold color | | | | | | | | |
| Sheen/Free Product Yes, gold color Sheen/Free Product Yes in purge w COMMENTS/OBSERVATIONS Started purge at 12:59 hrs. | | | | | iei, goia c | .0101 | | | | |
| Sampled at 13:25 hrs for MNA, VOC and TOC. Gene-Trac and VFA sampled on 10/10 at 13:40 hrs. | | | | | | | | | | |
| | | | | | | | | | | |

| Date (mo/day/yr | 10/10/2022 | | | | Casing Diameter 2 | | | | |
|---|--|----------------|---|--|----------------------------------|-------------|---------|--------------|--------------|
| Field Personnel | Collin Horrocks | | | | PVC | | | | |
| | | | | | Measuring Point Elevation 689.14 | | | | |
| AECOM Job # 60676146 | | | | Height of Riser (above land surface) -0.46 | | | | | 1/100 ft |
| Well ID # | MW-43 | S | | Land Surface Elevation 689.6 | | | | | |
| Upgrad | dient | Downgradient | | Screened Interval (below land surface 5-15 | | | | | 1/100 ft |
| Weather Conditions | CI | oudy | | | | | | | |
| Air Temperature | 52 | | | Container | Analysis (| Method) # E | Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | f Casing : | 14.5 | 1/100 ft | VOA 40 mL glass | TCL VOC | s (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) Be | elow Top of Casing = | 2.36 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 12.14 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> 0 | 1.98 | gal | | | | | | |
| 3 Casing Volumes = | 5.9 | 4 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collectior | Method of Sample Collection Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Removed 2.5 gal | | | gal | | | | | | |
| | | | | FIELD AMALYOFO | | | | | |
| Fly Bota (villata) | 000 | 200 | | FIELD ANALYSES | 200 | 000 | 1 | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | | |
| Time (Military) Depth to Groundwater | 1055 | 1100 | 1105 | 1110 | 1115 | 1120 | | | |
| Below Top of Casing (ft) | 3.30 | 4.13 | 4.68 | 4.97 | 5.32 | 5.63 | | | |
| Drawdown (ft) | -0.94 | -0.83 | -0.55 | -0.29 | -0.35 | -0.31 | | | |
| pH (S.U.) | 6.97 | 6.97 | 6.94 | 6.93 | 6.92 | 6.93 | | | |
| Sp. Cond. (mS/cm) | 1.37 | 1.37 | 1.34 | 1.33 | 1.27 | 1.30 | | | |
| Turbidity (NTUs) | 98.5 | 86.3 | 23.5 | 16.4 | 20.3 | 19.4 | | | |
| Dissolved Oxygen (mg/L) | 0.33 | 0.31 | 0.24 | 0.20 | 0.18 | 0.16 | | | |
| Water Temperature (°C) | 17.3 | 17.7 | 17.8 | 18.2 | 18.2 | 18.3 | | | |
| ORP (mV) | -80.2 | -111.0 | -117.5 | -122.5 | -121.8 | -118.2 | | | |
| Physical appearance at start Color Clear | | | Physical appearance at sampling Color Clear | | | | | - | |
| Odor None | | Odor None | | | | | | | |
| Sheen/Free Product None | | | | Sheen/Fre | ee Product | None | 9 | | |
| COMMENTS/OBSERVATIONS Started purge at 10:53 hrs. Sampled at 11:20 hrs. | | | | | | | | | |
| • | | | | | | | | | |

| Date (mo/day/yr | mo/day/yr 10/10/2022 | | | | | Casing Diameter 2 | | | | | |
|--|-----------------------------|------------------------|----------|-------------------------|---|-------------------|-----------|--------------|--------------|--|--|
| Field Personnel | d Personnel Collin Horrocks | | | | Casing Material PVC | | | | | | |
| Site Name For | mer Scott Aviation S | Measuring Point Elevat | ion | | | | 1/100 ft | | | | |
| AECOM Job # | AECOM Job # 60676146 | | | | Height of Riser (above land surface) 0.00 | | | | | | |
| Well ID # | MW-44 | S | | Land Surface Elevation | | | | | | | |
| Upgra | adient | Downgradient | | Screened Interval (belo | w land surface | | 5-1 | 5 | 1/100 ft | | |
| Weather Conditions | Partly | / Cloudy | | | | | | | | | |
| Air Temperature | 54 | | | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD | | |
| Total Depth (TWD) Below Top of | of Casing : | 15 | 1/100 ft | VOA 40 mL glass | TCL VOCs | s (8260B) | 3 | HCL, 4°C | | | |
| Depth to Groundwater (DGW) B | Below Top of Casing = | 1.52 | 1/100 ft | VOA 40 mL glass | TO | С | 2 | HCL, 4°C | | | |
| Length of Water Column (LWC) | = TWD - DGW = | 13.48 | 1/100 ft | | | | | | | | |
| 1 Casing Volume (OCV) = LWC | x 0.163 = | 2.20 | gal | | | | | | | | |
| 3 Casing Volumes = | 6.5 | 59 | gal | | | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | | | |
| Method of Sample Collectior | Peristalti | c Pump/Poly Tubing | | | | | | | | | |
| Total Volume of Water Removed 2.5 ga | | | gal | | | | | | | | |
| | | FIELD ANALYSES | | | | | | | | | |
| Flow Rate (ml/min) | 350 | 300 | 300 | 250 | 250 | 250 | | 250 | | | |
| Time (Military) | 1250 | 1255 | 1300 | 1305 | 1310 | 1315 | | 1320 | | | |
| Depth to Groundwater | | | | | | | | | | | |
| Below Top of Casing (ft) | 1.93 | 3.16 | 4.94 | 5.82 | 6.12 | 6.48 | | 6.83 | | | |
| Drawdown (ft) | -0.41 | -1.23 | -1.78 | -0.88 | -0.30 | -0.36 | | -0.35 | | | |
| pH (S.U.) | 7.13 | 6.87 | 6.87 | 6.95 | 6.99 | 7.02 | | 7.01 | | | |
| Sp. Cond. (mS/cm) | 1.05 | 1.06 | 1.05 | 1.05 | 1.04 | 1.05 | | 1.05 | | | |
| Turbidity (NTUs) | 47.5 | 32.3 | 23.5 | 32.5 | 28.7 | 29.5 | | 28.3 | | | |
| Dissolved Oxygen (mg/L) | 0.83 | 0.24 | 0.50 | 3.86 | 4.06 | 4.07 | | 4.08 | | | |
| Water Temperature (°C) | 13.7 | 13.9 | 14.3 | 14.4 | 14.3 | 14.3 | | 14.3 | | | |
| ORP (mV) | -41.7 | -76.5 | -80.3 | -50.1 | -29.7 | -28.0 | | -27.3 | | | |
| Physical appearance at start Color <u>Clear</u> Physical appearance at sampling Color <u>Clear</u> Odor None Odor None | | | | | | | | | | | |
| | _ | | Odo | | None | | | | | | |
| Sheen/Free Product None Sheen/Free Product None COMMENTS/OBSERVATIONS Started purge at 12:49 hrs. | | | | | | | | | | | |
| Sampled at 13:20 hrs. | | | | | | | | | | | |
| | | | | | | | | | | | |

AECOM

| _ | | _ | | |
|------|---|----|---|--|
| Page | 1 | of | 1 | |

| Date (mo/day/yr | ау/уг4/6/2023 | | | | Casing Diameter 1 | | | | | |
|---|--|------------------|-------------------|------------------------|---|-----------------------------|-----------------|--------|--------------|--|
| Field Personnel | | | | | Casing Material PVC | | | | | |
| Site Name For | Former Scott Aviation Site - Lancaster, NY | | | | Measuring Point Elevation 689.82 | | | | | |
| AECOM Job # | # 60536398 | | | | Height of Riser (above land surface) 2.52 | | | | | |
| | A1-GP02 | -S | | Land Surface Elevation | on | 68 | 7.3 | | 1/100 ft | |
| Upgra | adient | Downgradient | | Screened Interval (be | low land surfac | | 5-15 | | 1/100 ft | |
| Weather Conditions | Sı | ınny | | - | | | | | | |
| Air Temperature | 48 | | °F | Container | Analysis (Method | d) # B | ottles Preser | vative | Dup - MS/MSD | |
| Total Depth (TWD) Below Top of | of Casing | 15 | 1/100 ft | VOA 40 mL glass | TCL VOCs (8260 | TCL VOCs (8260B) 3 HCL, 4°C | | | | |
| Depth to Groundwater (DGW) E | Below Top of Casing = | 2.55 | 1/100 ft | VOA 40 mL glass | TOC | | 2 HCL, | 4°C | | |
| Length of Water Column (LWC) |) = TWD - DGW = | 12.45 | 1/100 ft | | | | | | | |
| 1 Casing Volume (OCV) = LWC | C x <u>0.0408</u> = | 0.51 | gal | | | | | | | |
| 3 Casing Volumes = | 1.5 | 2 | gal | | | | | | | |
| Method of Well Evacuation | Per | ristaltic Pump | | | | | | | | |
| Method of Sample Collection | Peristaltio | Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Remove | | 1 | gal | | | | | | | |
| | | | | | | | | | | |
| | | | | FIELD ANALYSES | <u> </u> | | T | | | |
| Flow Rate (ml/min) | 150 | 150 | 150 | 150 | | | 1 | _ | | |
| Time (Military) | 12:10 | 12:15 | 12:20 | 12:25 | | | 1 | _ | | |
| Depth to Groundwater Below Top of Casing (ft) | | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | | |
| pH (S.U.) | 6.90 | 6.88 | 6.76 | 6.79 | | | | | | |
| Sp. Cond. (mS/cm) | 1.057 | 1.045 | 1.072 | 1.063 | | | | | | |
| Turbidity (NTUs) | 267 | 204 | 178 | 176 | | | | | | |
| Dissolved Oxygen (mg/L) | 0.41 | 0.32 | 1.85 | 6.28 | | | | | | |
| Water Temperature (°C) | 8.3 | 7.9 | 7.8 | 8.2 | | | | | | |
| ORP (mV) | -32.5 | -31.1 | -25.7 | -19.8 | | | | | | |
| | Physical appeara | nce at start Col | or Slightly Cloud | l <u>y</u> Phy | sical appearance at samp | oling Color | Slightly Cloudy | | | |
| | | Odd | or None | _ | | Odor | None | | | |
| Sheen/Free Product None | | | _ Sheen/Fr | ee Product | None | | | | | |
| COMMENTS/OBSERVATIONS Started purge at 12:08 hrs. Dry at 12:25 hrs. | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | · | | | | | | |

Page <u>1</u> of <u>1</u>

| Date (mo/day/yr | 4/7/2 | 023 | | Casing Diameter | | | 1 | | inches |
|--|-------------------------|-----------------------|----------|------------------------|--------------------|--------------|-----------|--------------|--------------|
| Field Personnel | | rocks | | Casing Material | | | PVC | | |
| Site Name Fo | rmer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ation | | 687.71 | | 1/100 ft |
| AECOM Job # | 605 | 36398 | | Height of Riser (above | e land surface) | | -0.0 | 9 | 1/100 ft |
| Well ID # | | S-S | | Land Surface Elevation | on | | 687.8 | | 1/100 ft |
| Upgr | adient | Downgradient | | Screened Interval (be | low land surfac | | 5-1 | 5 | 1/100 ft |
| Weather Conditions | Sı | unny | | | | | | | |
| Air Temperature | 38 | | °F | Container | Analysis (N | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top | of Casing | 15.0 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) | Below Top of Casing = | 0.69 | 1/100 ft | VOA 40 mL glass | TOO | | 2 | HCL, 4°C | |
| ength of Water Column (LWC) = TWD - DGW = 14.3 | | | 1/100 ft | Various | MNA Ana | alyses | 12 | Varies | |
| 1 Casing Volume (OCV) = LW | C x <u>0.0408</u> = | 0.58 | gal | | | | | | |
| 3 Casing Volumes = | 1.7 | 5 | gal | | | | | | |
| Method of Well Evacuation | | ristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristaltio | Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Remov | е | 0.50 | gal | | | | | | |
| | | | | - | | | | | |
| | | | | FIELD ANALYSES | | <u> </u> | | | |
| Flow Rate (ml/min) | 150 | 150 | 150 | | | | | | |
| Time (Military) | 10:05 | 10:10 | 10:15 | | | | | | |
| Depth to Groundwater Below Top of Casing (ft) | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | |
| рН (S.U.) | 7.00 | 6.84 | 6.91 | | | | | | |
| Sp. Cond. (mS/cm) | 0.815 | 0.718 | 0.828 | | | | | | |
| Turbidity (NTUs) | 70.7 | 53.0 | 48.8 | | | | | | |
| Dissolved Oxygen (mg/L) | 0.54 | 0.30 | 0.24 | | | | | | |
| Water Temperature (°C) | 7.2 | 6.9 | 7.2 | | | | | | |
| ORP (mV) | 3.5 | -11.7 | -13.7 | | | | | | |
| | Physical appeara | ince at start Cold | or Clear | Phys | sical appearance a | t sampling (| Color | Clear | |
| | | Odo | r None | _ | | (| OdorI | None | |
| | Sheen/Free Prod | luctN | one | Sheen/Fre | ee Product | | None | | |
| COMMENTS/OBSERVATION: | S Started purge at 10:0 | 3 hrs. Dry at 10:15 h | nrs. | | | | | | |
| | Sampled at 11:15 hrs | S | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 4/12/2 | 023 | | Casing Diameter | | | 1 | | inches |
|--|------------------------|--------------------|----------------|------------------------|---------------------|-------------|-----------|--------------|--------------|
| Field Personnel | | ΛU | | Casing Material | | P\ | /C | | <u></u> |
| | rmer Scott Aviation Si | te - Lancaster, NY | | Measuring Point Eleva | ation | | | | 1/100 ft |
| AECOM Job # | 605 | 36398 | | Height of Riser (above | | | | | 1/100 ft |
| Well ID# | A1-GP09 | -S | | Land Surface Elevatio | | | | | 1/100 ft |
| | adient | | | Screened Interval (bel | | | | 15 | 1/100 ft |
| Weather Conditions | Sı | ınny | | | | | | | |
| Air Temperature | | | •F | Container | Analysis (M | ethod) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top | of Casing | 17.3 | 1/100 ft | VOA 40 mL glass | TCL VOCs (| 8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) Below Top of Casing = | | | | VOA 40 mL glass | TOC | | 2 | HCL, 4°C | |
| Length of Water Column (LWC) = TWD - DGW = 14.8 1/ | | | | | | | | | |
| 1 Casing Volume (OCV) = LW0 | C x 0.0408 = | 0.60 | gal | | | | | | |
| 3 Casing Volumes = | 1.8 | 1 | gal | | | | | | |
| Method of Well Evacuation | | istaltic Pump | | | | | | | |
| Method of Sample Collectio | Peristaltio | Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Remove | e | 1.0 | gal | | | | | | |
| | | | | | | | | | |
| | | | | FIELD ANALYSES | 1 | | | | |
| Flow Rate (ml/min) | 150 | 150 | 200 | 200 | 175 | 175 | | 175 | |
| Time (Military) | 8:55 | 9:00 | 9:05 | 9:10 | 9:15 | 9:20 | | 9:25 | |
| Depth to Groundwater Below Top of Casing (ft) | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | |
| pH (S.U.) | 6.75 | 6.44 | 6.75 | 6.76 | 6.71 | 6.69 | | 6.67 | |
| Sp. Cond. (mS/cm) | 1.111 | 1.044 | 1.036 | 1.034 | 1.021 | 1.005 | | 0.987 | |
| Turbidity (NTUs) | 120 | 124 | 114 | 95.7 | 101 | 50.4 | | 51.9 | |
| Dissolved Oxygen (mg/L) | 1.60 | 0.24 | 0.18 | 0.16 | 0.23 | 0.23 | | 0.2 | |
| Water Temperature (°C) | 8.6 | 7.9 | 7.6 | 7.5 | 7.6 | 7.6 | | 7.6 | |
| ORP (mV) | 20.4 | -60.3 | -82.1 | -90.8 | -95.4 | -98.4 | | -98.9 | |
| | Physical appeara | nce at start Cold | r <u>Clear</u> | Phys | sical appearance at | sampling Co | lor | Clear | |
| | | Odo | r <u>No</u> | _ | | Od | or | No | |
| | Sheen/Free Prod | uct | No | _ Shee | en/Free Product | | No | | |
| COMMENTS/OBSERVATIONS | Started purge at 08:5 | 3 hrs. | | | | | | | |
| | Sampled at 09:30 hrs | 5. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 4/11/2 | 2023 | | Casing Diameter | | | 1 | | inches |
|---|---|-----------------------|---------------------|--|--------------------|------------------|------------|--------------|--------------|
| Field Personnel | | Au | | Casing Material | | | VC | | |
| Site Name For | mer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ation | | 689.10 | | 1/100 ft |
| AECOM Job # | 605 | 36398 | | Height of Riser (above | land surface) | | -0.1 | 0 | 1/100 ft |
| Well ID# | A1-GP1 |)-S | | Land Surface Elevation | | | 689.2 | | 1/100 ft |
| Upgra | dient | Downgradient | | Screened Interval (below land surface 5-15 | | | | | 1/100 ft |
| Weather Conditions | Sun/some cl | ouds/slight wind | | | | | | | |
| Air Temperature | 57 | | °F | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | f Casing : | 15 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) B | 1/100 ft | VOA 40 mL glass | TO | 0 | 2 | HCL, 4°C | | | |
| Length of Water Column (LWC) | ength of Water Column (LWC) = TWD - DGW = 12.57 | | | Various | MNA An | alyses | 12 | Varies | |
| 1 Casing Volume (OCV) = LWC | x 0.0408 = | 0.51 | gal | | | | | | |
| 3 Casing Volumes = | 1.5 | 54 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | c Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Remove | 1 | 0.5 | gal | | | | | | |
| | | | | | | | | | |
| | r | FIELD A | NALYSES | 1 | | 1 | | | |
| Flow Rate (ml/min) | 150 | 150 | 150 | 150 | 150 | | | | |
| Time (Military) | 9:38 | 9:41 | 9:45 | 10:55 | 11:00 | | | | |
| Depth to Groundwater Below Top of Casing (ft) | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | |
| pH (S.U.) | 6.75 | 6.86 | 6.87 | 7.09 | 7.11 | | | | |
| Sp. Cond. (mS/cm) | 1.447 | 1.088 | 1.136 | 1.397 | 1.063 | | | | |
| Turbidity (NTUs) | 116 | 64.8 | Dry | 34.9 | 11.8 | | | | |
| Dissolved Oxygen (mg/L) | 1.23 | 0.45 | 1.87 | 5.96 | 5.18 | | | | |
| Water Temperature (°C) | 9.0 | 8.6 | 8.9 | 9.7 | 9.3 | | | | |
| ORP (mV) | 32.4 | 15.1 | -0.4 | 23.1 | -9.6 | | | | |
| | Physical appeara | ance at start Col | or Slightly Cloudy | <u>y</u> Phys | sical appearance a | t sampling C | olor | | |
| | | Odd | or <u>No</u> | _ | | 0 | dor | | |
| | Sheen/Free Prod | luct | No | Sheen/Fre | ee Product | | | | |
| COMMENTS/OBSERVATIONS | Started purge at 9:36 | 6 hrs. Dry at 09:45 h | rs. Restarted at 10 | :55 hrs. Dry at 11:05 hr | s. Sampled at 12:0 | 0 hrs. Dry at 12 | 2:10 hrs . | | |
| | Restarted sampling a | at 13:00 hrs and com | npleted sampling. | | | | | | |
| | | | | | | | | | |

| _ | | _ | | |
|------|---|----|---|--|
| Page | 1 | of | 1 | |

| Date (mo/day/yr | 4/11/ | 2023 | | Casing Diameter | | | 1 | | |
|---|--|-----------------------|-------------------|------------------------|---|---------------|-----------|---------|---|
| Field Personnel | | Au | | Casing Material | | | PVC | | |
| Site Name Form | er Scott Aviation | Site - Lancaster, NY | | Measuring Point Elev | ation | | 687.6 | 9 | |
| AECOM Job # | 60 | 536398 | | Height of Riser (abov | e land surface) | | - | 1.74 | |
| Well ID # | A1-GP1 | 4-S | | Land Surface Elevation | Land Surface Elevation 689.4 | | | | |
| Upgrad | dient | Downgradient | _ | Screened Interval (be | Screened Interval (below land surfac 5-15 | | | | |
| Weather Conditions | Parlty Cl | oduy, Breezy | | | | | | | |
| Air Temperature | 60 | •F | Container | Analysis (N | /lethod) | # Bottles | Preservat | ive | |
| Total Depth (TWD) Below Top or | otal Depth (TWD) Below Top of Casing 15 1/10 | | | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4° | С |
| Depth to Groundwater (DGW) Be | elow Top of Casing | 2.7 | 1/100 ft | VOA 40 mL glass | TOO | | 2 | HCL, 4° | С |
| Length of Water Column (LWC) | = TWD - DGW | 12.3 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x 0.0408 = | 0.50 | gal | | | | | | |
| 3 Casing Volumes = | 1. | 51 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalt | ic Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Remove | gal | | | | | | | | |
| | | | | EIELD A | NALYSES | | | | |
| Flow Poto (ml/min) | 100 | 100 | 100 | 100 | | 100 | | | |
| Flow Rate (ml/min) | 100 | | | | 100 | | | | |
| Time (Military) Depth to Groundwater | 12:30 | 12:35 | 12:40 | 12:45 | 12:50 | 12:55 | | | |
| Below Top of Casing (ft) | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | |
| pH (S.U.) | 7.41 | 7.55 | 7.59 | 7.56 | 7.50 | 7.46 | | | |
| Sp. Cond. (mS/cm) | 0.432 | 0.371 | 0.342 | 0.318 | 0.320 | 0.322 | | | |
| Turbidity (NTUs) | 115.00 | 209.00 | 74.40 | 33.60 | 42.10 | 108.00 | | | |
| Dissolved Oxygen (mg/L) | 1.18 | 0.52 | 0.48 | 0.56 | 0.42 | 1.09 | | | |
| Water Temperature (°C) | 11.4 | 10.6 | 10.6 | 10.7 | 10.9 | 11.4 | | | |
| ORP (mV) | 47.4 | 17.5 | 1.6 | -2.5 | -3.8 | -12.6 | | | |
| | Physical appea | rance at start Colo | r Slightly Cloud | l <u>y</u> Phy | sical appearance at | t sampling Co | olor (| Clear | |
| | _ | | Oc | lor | No | | | | |
| | Sheen/Free Pro | | lo | - | ee Product | | No | | |
| COMMENTS/OBSERVATIONS | Started purge at 12 | :28 hrs. Dry at 12:55 | hrs. Let recharde | e and sampled at 14:10 | hrs. | | | | |

| Date (mo/day/yr) | 4/1 | 1/2023 | | Casing Diameter 1 | | | | | inches |
|--|--|----------------------|-----------------|------------------------|---------------------|-----------------|-------------|--------------|--------------|
| Field Personnel | E | . Au | | Casing Material | | PVC | 2 | | |
| Site Name For | mer Scott Aviation | Site - Lancaster, NY | | Measuring Point Eleva | ation | | 687.69 | | 1/100 ft |
| AECOM Job # | 6 | 0536398 | | Height of Riser (above | e land surface) | | -0.31 | | 1/100 ft |
| Well ID# | A1-GP | 15-S | | Land Surface Elevation | n | (| 688.0 | | 1/100 ft |
| Upgra | adient | Downgradient | | Screened Interval (bel | low land surface | | 5-15 | | 1/100 ft |
| Weather Conditions | Clo | udy, Windy | | | | | | | |
| Air Temperature | 60 |) | •F | Container | Analysis (N | Method) # | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | of Casing | 14.82 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) E | to Groundwater (DGW) Below Top of Casing =1.10 | | | VOA 40 mL glass | TOO | C | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | n of Water Column (LWC) = TWD - DGW = 13.72 | | | | | | | | |
| 1 Casing Volume (OCV) = LWC | OCV) = LWC x 0.0408 = 0.56 | | | | | | | | |
| 3 Casing Volumes = | | 1.68 | gal | | | | | | |
| Method of Well Evacuation | F | Peristaltic Pump | | | | | | | |
| Method of Sample Collectior | Collectior Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Remove | lume of Water Removec 0.5 gal | | | | | | | | |
| | | | | FIELD A | NALYSES | | | | |
| Flow Rate (ml/min) | 150 | 150 | 150 | 150 | 150 | 150 | | | |
| Time (Military) | 11:15 | 11:20 | 11:25 | 11:30 | 11:35 | 11:40 | | | |
| Depth to Groundwater Below Top of Casing (ft) | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | |
| pH (S.U.) | 7.42 | 7.30 | 7.28 | 7.24 | 7.27 | 7.30 | | | |
| Sp. Cond. (mS/cm) | 0.727 | 0.707 | 0.696 | 0.705 | 0.717 | 0.718 | | | |
| Turbidity (NTUs) | 65.6 | 36.7 | 20.4 | 13.9 | 26.6 | 20.4 | | | |
| Dissolved Oxygen (mg/L) | 6.34 | 3.77 | 3.44 | 3.56 | 4.44 | 3.74 | | | |
| Water Temperature (°C) | 10.2 | 9.7 | 10.1 | 10.0 | 10.2 | 10.6 | | | |
| ORP (mV) | 11.1 | 21.3 | 26.3 | 32.0 | 38.6 | 41.8 | | | |
| | Physical appea | arance at start Cold | or <u>Clear</u> | Phys | sical appearance at | t sampling Colo | r <u>Cl</u> | ear | |
| | | Odo | r <u>No</u> | <u>_</u> | | Odor | r <u> </u> | lo | |
| Sheen/Free Produc No | | | | Sheen/Fre | ee Product | N | 0 | | |
| COMMENTS/OBSERVATIONS | Started purge at 1 | 1:15 hrs. | | | | | | | |
| | Sampled at 11:40 | hrs. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 4/6/2023 | | | Casing Diameter | | | 1 | | inches |
|--|--|---------------------|-----------|------------------------|--------------------|-------------|-----------|--------------|--------------|
| Field Personnel | | rocks | | Casing Material | | | √C | | <u>-</u> |
| Site Name Form | mer Scott Aviation S | ite - Lancaster, NY | | Measuring Point Eleva | ation | | 687.69 | | 1/100 ft |
| AECOM Job # | 605 | 36398 | | Height of Riser (above | e land surface) | | -0.3 | 1 | 1/100 ft |
| Well ID # | A1-GP16 | i-S | | Land Surface Elevation | on | | 688.0 | | 1/100 ft |
| Upgra | adient | Downgradient | | Screened Interval (bel | low land surface | | 5-1 | 5 | 1/100 ft |
| Weather Conditions | Sı | ınny | _ | | | | | | |
| Air Temperature | 48 | | •F | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | WD) Below Top of Casing 17.52 | | | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) B | th to Groundwater (DGW) Below Top of Casing : 2.70 | | | VOA 40 mL glass | TO |) | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 14.82 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.0408</u> = | 0.60 | gal | | | | | | |
| 3 Casing Volumes = | 1.8 | 1 | gal | | | | | | |
| Method of Well Evacuation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Collectior | of Sample Collectior Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Remove | gal | | | | | | | | |
| | | | F | IELD ANALYSES | | | | | - |
| Flow Rate (ml/min) | 150 | 150 | 150 | 150 | 150 | 150 | | | |
| Time (Military) | 11:30 | 11:35 | 11:40 | 11:45 | 11:50 | 11:55 | | | |
| Depth to Groundwater Below Top of Casing (ft) | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | |
| pH (S.U.) | 6.86 | 6.88 | 6.86 | 6.78 | 6.78 | 6.81 | | | |
| Sp. Cond. (mS/cm) | 1.010 | 1.010 | 1.017 | 0.987 | 0.983 | 0.983 | | | |
| Turbidity (NTUs) | 272 | 176 | 69.5 | 65.8 | 62.3 | 61.8 | | | |
| Dissolved Oxygen (mg/L) | 0.59 | 0.22 | 0.17 | 0.13 | 0.21 | 0.18 | | | |
| Water Temperature (°C) | 8.8 | 8.1 | 8.0 | 8.1 | 8.2 | 8.0 | | | |
| ORP (mV) | 33.0 | -1.0 | -7.3 | -9.7 | -9.7 | -9.9 | | | |
| | Physical appeara | ance at start Colo | or Cloudy | Phys | sical appearance a | sampling Co | lor | Clear | |
| | | Odo | r None | _ | | Od | or | None | |
| | Sheen/Free Prod | | one | Sheen/Fre | ee Product | N | lone | | |
| COMMENTS/OBSERVATIONS | Started purge at 11:2 | 28 hrs. | | | | | | | |
| Sampled at 11:55 hrs. | | | | | | | | | |

| Date (mo/day/yr | 04/0 | 7/23 | | Casing Diameter | | 0.7 | 75 | | inches |
|--|--|----------------------|-----------------|------------------------|--------------------|----------------|-----------|--------------|--------------|
| Field Personnel | | rocks | | Casing Material | | P۱ | /C | | |
| Site Name Form | mer Scott Aviation S | Site - Lancaster, NY | | Measuring Point Eleva | ation | | 690.37 | | 1/100 ft |
| AECOM Job # | 60: | 536398 | | Height of Riser (above | e land surface) | | 2.87 | | 1/100 ft |
| Well ID# | A1GP-1 | 8-S | | Land Surface Elevation | | | 687.5 | | 1/100 ft |
| Upgra | ndient | Downgradient | | Screened Interval (be | low land surface | | 5-15 | | 1/100 ft |
| Weather Conditions | | unny | | | | | | | |
| Air Temperature | 39 | | eF | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | of Casing | 18 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) B | epth to Groundwater (DGW) Below Top of Casing : 2.87 | | | VOA 40 mL glass | TO | C | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | gth of Water Column (LWC) = TWD - DGW = 15.13 | | | Various | MNA An | alyses | 12 | Varies | |
| 1 Casing Volume (OCV) = LWC | x <u>0.0408</u> = | 0.62 | gal | | | | | | |
| 3 Casing Volumes = | 1. | 35 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collectior | of Sample Collectior Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Removed | gal | | | | | | | | |
| | | | | FIELD ANALYSES | | 1 | | | |
| Flow Rate (ml/min) | 150 | 150 | 150 | 150 | 150 | 150 | | | |
| Time (Military) | 11:45 | 11:50 | 11:55 | 12:00 | 12:05 | 12:10 | | | |
| Depth to Groundwater Below Top of Casing (ft) | | | | | | | | | |
| Drawdown (ft) | | | | | | | | | |
| pH (S.U.) | 7.10 | 7.10 | 7.21 | 6.98 | 6.99 | 6.95 | | | |
| Sp. Cond. (mS/cm) | 0.672 | 0.597 | 0.592 | 0.592 | 0.594 | 0.594 | | | |
| Turbidity (NTUs) | Overrange | 696 | 688 | 643 | 672 | 658 | | | |
| Dissolved Oxygen (mg/L) | 0.40 | 0.20 | 0.28 | 0.23 | 0.21 | 0.19 | | | |
| Water Temperature (°C) | 7.7 | 8.2 | 8.2 | 8.3 | 8.3 | 8.5 | | | |
| ORP (mV) | -1.8 | -24.7 | -28.8 | -30.2 | -31.8 | -32.6 | | | |
| | Physical appear | ance at start Colo | r <u>Cloudy</u> | Phy | sical appearance a | t sampling Col | or Cl | loudy | |
| | | Odor | | _ | | Ode | | lone | |
| | | en/Free Product | None | Sheen/Fre | ee Product | N | one | | |
| COMMENTS/OBSERVATIONS | Started purge at 11: | 43 hrs. | | | | | | | |
| | Sampled at 12:10 h | S. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 4/12/2 | 2023 | | Casing Diameter | | 2 | | | inches |
|--|---|---------------------|------------|------------------------|--------------------|-------------------------------|------|----------|--------------|
| Field Personnel | | Au | | Casing Material | | | C | | |
| Site Name Form | | Site - Lancaster, N | IY | Measuring Point Elev | ation | | | | 1/100 ft |
| AECOM Job # | 605 | 36398 | | Height of Riser (abov | e land surface) | | 0.00 |) | 1/100 ft |
| Well ID# | MW-3 | 0 | | Land Surface Elevation | | | | | 1/100 ft |
| Upgrad | dient | Downgradient | | Screened Interval (be | | | | 0 | 1/100 ft |
| Weather Conditions | Sunn | y, Breezy | | | | | | | |
| Air Temperature | 60 | | °F | Container | Analysis (| Analysis (Method) # Bottles F | | | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | f Casing | 20 | 1/100 ft | VOA 40 mL glass | TCL VOC | s (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) B | epth to Groundwater (DGW) Below Top of Casing =2.75 | | | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | ength of Water Column (LWC) = TWD - DGW = 17.25 | | | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 2.81 | gal | | | | | | |
| 3 Casing Volumes = | 8.4 | 14 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | ng | | | | | | | | |
| Total Volume of Water Remove | gal | | | | | | | | |
| | | | F | FIELD ANALYSES | | _ | | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | 200 | |
| Time (Military) | 13:25 | 13:35 | 13:45 | 13:50 | 13:55 | 14:00 | | 14:05 | |
| Depth to Groundwater Below Top of Casing (ft) | 3.50 | 5.00 | 7.20 | 8.40 | 9.50 | 9.65 | | 10.00 | |
| Drawdown (ft) | -0.75 | -1.50 | -2.20 | -1.20 | -1.10 | -0.15 | | -0.35 | |
| pH (S.U.) | 7.35 | 7.44 | 7.46 | 7.46 | 7.47 | 7.48 | | 7.48 | |
| Sp. Cond. (mS/cm) | 0.602 | 0.593 | 0.595 | 0.594 | 0.597 | 0.597 | | 0.608 | |
| Turbidity (NTUs) | 15.60 | 8.95 | 7.89 | 12.10 | 6.23 | 8.12 | | 12.5 | |
| Dissolved Oxygen (mg/L) | 2.05 | 0.14 | 0.08 | 0.07 | 0.05 | 0.05 | | 0.05 | |
| Water Temperature (°C) | 13.50 | 12.90 | 12.80 | 12.70 | 12.80 | 12.80 | | 12.70 | |
| ORP (mV) | 59.5 | -12.6 | -44.3 | -53.2 | -63.4 | -67.3 | | -71.5 | |
| • | Physical appeara | ance at start C | olor Clear | Phy | sical appearance a | at sampling Cold | or (| Clear | . |
| | | 0 | dor None | _ | | Odo | or I | None | |
| | Sheen/Free Prod | duct | None | Sheen/Fr | ee Product | No | one | | |
| COMMENTS/OBSERVATIONS | Started purge at 13:2 | 24 hrs. | | | | | | | |
| | Sampled at 14:10 hr | S. | | | | | | | |

| Date (mo/day/yr | 4/7/2 | Casing Diameter 2 | | | | | inches | | |
|---|------------------------|----------------------|----------------|------------------------|--------------------|---------------|-------------|--------------|--------------|
| Field Personnel | C. Ho | rrocks | | Casing Material | | PV | С | | <u>.</u> |
| Site Name Form | er Scott Aviation | Site - Lancaster, NY | | Measuring Point Eleva | tion | | 688.56 | | 1/100 ft |
| AECOM Job # | 60 | 536398 | | Height of Riser (above | land surface) | | -0.54 | 1 | 1/100 ft |
| Well ID # | MW-3 | 5S | | Land Surface Elevation | n | | 689.1 | | 1/100 ft |
| Upgrad | dient | Downgradient | | Screened Interval (bel | ow land surface | | 5-15 | i | 1/100 ft |
| Weather Conditions | C | loudy | | | | | | | |
| Air Temperature | 54 | | ° F | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | Casing | 14.01 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) Be | elow Top of Casing | 0.54 | 1/100 ft | VOA 40 mL glass | TO | C | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 13.47 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | 0.163 = | 2.20 | gal | | | | | | |
| 3 Casing Volumes = | 6. | 59 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalt | ic Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Removec 2 ga | | | | | | | | | |
| , | | | | FIELD ANALYSES | | 1 | | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | | |
| Time (Military) | 10:45 | 10:50 | 10:55 | 11:00 | 11:05 | 11:10 | | | |
| Depth to Groundwater Below Top of Casing (ft) | 1.15 | 3.21 | 4.72 | 5.19 | 5.67 | 6.34 | | | |
| Drawdown (ft) | -0.61 | -2.06 | -1.51 | -0.47 | -0.48 | -0.67 | | | |
| pH (S.U.) | 6.29 | 6.85 | 6.95 | 7.04 | 6.92 | 6.97 | | | |
| Sp. Cond. (mS/cm) | 0.611 | 0.563 | 0.556 | 0.556 | 0.568 | 0.567 | | | |
| Turbidity (NTUs) | 58.7 | 46.8 | 37.7 | 37.0 | 39.7 | 37.5 | | | |
| Dissolved Oxygen (mg/L) | 2.46 | 2.17 | 2.08 | 2.09 | 2.03 | 2.02 | | | |
| Water Temperature (°C) | 8.2 | 7.8 | 7.8 | 7.7 | 7.8 | 7.8 | | | |
| ORP (mV) | 238.9 | 220.6 | 213.8 | 207.4 | 202.5 | 198.4 | | | |
| | Physical appear | ance at start Colo | r <u>Clear</u> | Phys | ical appearance at | sampling Colo | or <u>C</u> | Clear | |
| | | Odor | None | _ | | Odo | r <u> </u> | lone | |
| | Sheen/Free Produc None | | | | e Product | No | ne | | |
| COMMENTS/OBSERVATIONS | Started purge at 10 | 42 hrs. | | | | | | | |
| Sampled at 11:10 hrs. | | | | | | | | | |

| Date (mo/day/yr | y/yr __ 4/7/2023 | | | | Casing Diameter 2 | | | | |
|---|---|----------------------|-----------------|------------------------|--------------------|-------------|-----------|--------------|--------------|
| Field Personnel | C. Ho | orrocks | | Casing Material | | P\ | /C | | <u>.</u> |
| Site Name Forr | ner Scott Aviation | Site - Lancaster, NY | | Measuring Point Eleva | ation | | 698.66 | | 1/100 ft |
| AECOM Job # | 60 | 536398 | | Height of Riser (above | e land surface) | | 2.83 | 3 | 1/100 ft |
| Well ID# | MW-3 | 5D | | Land Surface Elevation | on | | 687.1 | | 1/100 ft |
| Upgra | dient | Downgradient | | Screened Interval (be | low land surface | | 21-2 | 26 | 1/100 ft |
| Weather Conditions | | Sunny | | | | | | | |
| Air Temperature | 36 | i | ° F | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | tal Depth (TWD) Below Top of Casing 25.22 | | | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | Dup |
| Depth to Groundwater (DGW) Below Top of Casing : 5.80 | | | 1/100 ft | VOA 40 mL glass | TO | <u> </u> | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 19.42 | 1/100 ft | Various | MNA An | alyses | 12 | Varies | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 3.17 | gal | | | | | | |
| 3 Casing Volumes = | 9 | .50 | gal | | | | | | |
| Method of Well Evacuation | P | eristaltic Pump | | | | | | | |
| Method of Sample Collectior | d of Sample Collectior Peristaltic Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Removed | gal | | | | | | | | |
| | | | | FIELD ANALYSES | | | | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | 200 | |
| Time (Military) | 9:00 | 9:05 | 9:10 | 9:15 | 9:20 | 9:25 | | 9:30 | |
| Depth to Groundwater Below Top of Casing (ft) | 7.10 | 9.46 | 10.70 | 11.53 | 12.32 | 13.68 | | 13.77 | |
| Drawdown (ft) | -1.30 | -2.36 | -1.24 | -0.83 | -0.79 | -1.36 | | -0.09 | |
| pH (S.U.) | 6.37 | 6.81 | 6.69 | 6.73 | 6.79 | 6.82 | | 6.84 | |
| Sp. Cond. (mS/cm) | 0.411 | 0.411 | 0.413 | 0.416 | 0.422 | 0.426 | | 0.431 | |
| Turbidity (NTUs) | 597.00 | 378.00 | 272.00 | 273.00 | 252.00 | 248.00 | | 228.00 | |
| Dissolved Oxygen (mg/L) | 5.28 | 5.80 | 508 | 4.82 | 4.78 | 4.61 | | 4.54 | |
| Water Temperature (°C) | 10.0 | 9.7 | 9.5 | 9.2 | 9.6 | 9.5 | | 9.8 | |
| ORP (mV) | 167.0 | 167.3 | 167.9 | 166.9 | 163.1 | 162.3 | | 164.3 | |
| | Physical appea | rance at start Col | or <u>Clear</u> | Phy | sical appearance a | sampling Co | lor | Clear | |
| | | Odd | or None | <u> </u> | | Od | or | None | |
| | Sheen/Free Pro | oducN | lone | Sheen/Fr | ee Product | N | lone | | |
| COMMENTS/OBSERVATIONS | Started purge at 08 | 3:58 hrs. | | | | | | | |
| Sampled at 09:30 hrs | | | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | | 4/12/2 | 2023 | | Casing Diameter | | 2 | | | inches |
|--|---|---------------------|---------------------|----------------|------------------------|--------------------|---------------------|--------|--------------|--------------|
| Field Personnel | | E. <i>F</i> | Au | | Casing Material | | PV | 0 | | |
| Site Name | Former | Scott Aviation S | ite - Lancaster, NY | | Measuring Point Elev | ation | | 689.82 | | 1/100 ft |
| AECOM Job # | | 605 | 36398 | | Height of Riser (above | e land surface) | | 2.72 | 2 | 1/100 ft |
| Well ID # | | MW-36 | S | | Land Surface Elevation | on | | 687.1 | | 1/100 ft |
| | Upgradier | nt | Downgradient | | Screened Interval (be | | | 5-15 | 5 | 1/100 ft |
| Weather Conditions | | Sunny | , Breezy | | | | | | | |
| Air Temperature | | 55 | | ° F | Container | Analysis (| Analysis (Method) # | | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Be | low Top of Ca | asing | 17.7 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater | pth to Groundwater (DGW) Below Top of Casing : 3.10 | | | 1/100 ft | VOA 40 mL glass | TO | С | 2 | HCL, 4°C | |
| Length of Water Colum | ngth of Water Column (LWC) = TWD - DGW = 14.6 | | | | | | | | | |
| 1 Casing Volume (OC) | V) = LWC x | 0.163 = | 2.38 | gal | | | | | | |
| 3 Casing Volumes = | | 7.1 | 4 | gal | | | | | | |
| Method of Well Evacua | ation | Pe | ristaltic Pump | | | | | | | |
| Method of Sample Coll | of Sample Collectior Peristaltic Pump/Poly Tubing | | | | | | | | | |
| Total Volume of Water Removec 2.0 | | | | | | | | | | |
| | _ | | | | FIELD ANALYSES | | 1 | | | |
| Flow Rate (ml/min) | <u> </u> | 200 | 200 | 200 | 200 | 200 | 200 | | 200 | |
| Time (Military) | <u> </u> | 9:45 | 9:50 | 9:55 | 10:00 | 10:05 | 10:10 | | 10:15 | |
| Depth to Groundwater Below Top of Casing (1) | | 3.75 | 4.85 | 5.85 | 6.65 | 7.25 | 7.75 | | 8.30 | |
| Drawdown (ft) | , <u> </u> | -0.65 | -1.10 | -1.00 | -0.80 | -0.60 | -0.50 | | -0.55 | |
| pH (S.U.) | | 7.05 | 7.04 | 7.05 | 7.13 | 7.13 | 7.14 | | 7.15 | |
| Sp. Cond. (mS/cm) | | 1.117 | 1.118 | 1.114 | 1.118 | 1.122 | 1.123 | | 1.122 | |
| Turbidity (NTUs) | | 31.7 | 22.8 | 28.7 | 21.3 | 17.8 | 10.2 | | 14.8 | |
| Dissolved Oxygen (mg | ı/L) | 1.95 | 0.14 | 0.16 | 0.15 | 0.13 | 0.11 | | 0.10 | |
| Water Temperature (°0 | C) | 8.3 | 8.0 | 8.2 | 8.0 | 8.1 | 8.1 | | 8.0 | |
| ORP (mV) | | -41.7 | -64.1 | -72.4 | -79.3 | -83.4 | -86.4 | | -89.4 | |
| | | Physical appeara | ance at start Colo | r <u>Clear</u> | Phy | sical appearance a | t sampling Cold | or (| Clear | |
| | | | Odoi | r <u>No</u> | | | Odo | r | No | |
| | | Sheen/Free Prod | duct | No | Sheen/Fr | ee Product | N | lo | | |
| COMMENTS/OBSERV | /ATIONS Sta | arted purge at 09:4 | 14 hrs. | | | | | | | |
| | Sai | mpled at 10:20 hrs | S. | | | | | | | |
| | | | | | | | | | | |

| Date (mo/day/yr | 4/12/2 | 023 | | Casing Diameter | | ; | 2 | | inches | |
|--|---|--------------------|----------------|------------------------|----------------------------------|---------------|-----------|--------------|--------------|-------|
| Field Personnel | | ΛU | | | Casing Material PVC | | | | | |
| | rmer Scott Aviation Si | te - Lancaster, NY | | Measuring Point Elev | Measuring Point Elevation 689.66 | | | | | |
| AECOM Job # | AECOM Job # 60536398 | | | Height of Riser (abov | e land surface) | | 2. | 56 | 1/100 ft | |
| Well ID # | |) | | Land Surface Elevation | | | 687.1 | | 1/100 ft | |
| | radient | Downgradient | | Screened Interval (be | | | 16- | 21 | 1/100 ft | |
| Weather Conditions | | , Breezy | | | | | | | | |
| Air Temperature | 60 | | °F | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD | |
| Total Depth (TWD) Below Top | o of Casinç | 23.5 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | | |
| Depth to Groundwater (DGW) | Below Top of Casing | 4.74 | 1/100 ft | VOA 40 mL glass | TOO | 0 | 2 | HCL, 4°C | | |
| Length of Water Column (LW | C) = TWD - DGW | 18.76 | 1/100 ft | | | | | | | |
| 1 Casing Volume (OCV) = LW | C x 0.163 = | 3.06 | gal | | | | | | | |
| 3 Casing Volumes = | 9.17 | 7 | gal | | | | | | | |
| Method of Well Evacuation | Per | istaltic Pump | | | | | | | | |
| Method of Sample Collectior_ | Peristaltic | Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Remov | /e(| 4.5 | gal | | | | | | | |
| | | | | FIELD ANALYSES | | | | | <u> </u> | |
| Flow Rate (ml/min) | 700 | 500 | 500 | 500 | 200 | 200 | | 200 | 200 | 200 |
| Time (Military) | 10:30 | 10:35 | 10:45 | 10:55 | 11:00 | 11:05 | | 11:10 | 11:15 | 11:20 |
| Depth to Groundwater Below Top of Casing (ft) | 7.75 | 9.50 | 14.50 | 19.00 | 20.95 | 21.15 | | 21.65 | 22.05 | 22.20 |
| Drawdown (ft) | -3.01 | -1.75 | -5.00 | -4.50 | -1.95 | -0.20 | | -0.50 | -0.40 | -0.15 |
| pH (S.U.) | 7.37 | 7.48 | 7.45 | 7.43 | 7.36 | 7.29 | | 7.23 | 7.14 | 7.14 |
| Sp. Cond. (mS/cm) | 1.403 | 1.395 | 1.382 | 1.385 | 1.381 | 1.381 | | 1.387 | 1.404 | 1.409 |
| Turbidity (NTUs) | 20.3 | 17.5 | 18.0 | 24.2 | 41.7 | 39.8 | | 70.4 | 35.5 | 28.3 |
| Dissolved Oxygen (mg/L) | 0.22 | 0.09 | 0.10 | 0.07 | 0.04 | 0.08 | | 0.13 | 0.13 | 0.13 |
| Water Temperature (°C) | 9.0 | 8.8 | 8.8 | 9.0 | 9.3 | 10.1 | | 10.3 | 10.5 | 10.7 |
| ORP (mV) | -36.7 | -68.8 | -92.2 | -99.5 | -102.5 | -102.5 | | -101.0 | -98.8 | -98.1 |
| | Physical appeara | ance at start Colo | r <u>Clear</u> | Phy | sical appearance a | t sampling Co | lor | Clear | | |
| | | Odor | No No | _ | | Od | lor | No | | |
| | Sheen/Free Prod | lucN | lo | Sheen/Fr | ee Product | | No | | | |
| COMMENTS/OBSERVATION | COMMENTS/OBSERVATIONS Started purge at 10:29 hrs. | | | | | | | | | |
| | Sampled at 11:25 hrs | S. | | | | | | | | |

| Date (mo/day/yr) | ri4/12/2023 | | | Casing Diameter | | 2 | Casing Diameter 2 | | | |
|--|-------------------------|----------------------|-----------------|---|--------------------|-----------------|-------------------|--------------|--------------|--|
| Field Personnel | E. | Au | | Casing Material | | PV | С | | <u>.</u> | |
| Site Name Form | ner Scott Aviation S | Site - Lancaster, NY | , | Measuring Point Eleva | ation | | 690.05 | | 1/100 ft | |
| AECOM Job # | 609 | 536398 | | Height of Riser (above land surface) 2.45 | | | | | 1/100 ft | |
| Well ID # | MW-37 | 'D | | Land Surface Elevation | | | 687.6 | | 1/100 ft | |
| Upgrad | Upgradient Downgradient | | | Screened Interval (bel | ow land surface | | 15-20 |) | 1/100 ft | |
| Weather Conditions | Sunn | y, Breezy | | | | | | | | |
| Air Temperature | 60 | | ° F | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD | |
| Total Depth (TWD) Below Top of | Casing | 22.5 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | | |
| Depth to Groundwater (DGW) Be | elow Top of Casing | 4.55 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | | |
| Length of Water Column (LWC) | = TWD - DGW = | 17.95 | 1/100 ft | | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 2.93 | gal | | | | | | | |
| 3 Casing Volumes = | 8. | 78 | gal | | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | | |
| Method of Sample Collection | Peristalt | ic Pump/Poly Tubing | 1 | | | | | | | |
| Total Volume of Water Removed | | 3 | gal | | | | | | | |
| ı | | 1 | | FIELD ANALYSES | | 1 | | <u> </u> | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | | | |
| Time (Military) | 11:45 | 11:55 | 12:05 | 12:20 | 12:25 | 12:30 | | | | |
| Depth to Groundwater Below Top of Casing (ft) | 5.55 | 7.25 | 7.65 | 8.65 | 9.00 | 9.30 | | | | |
| Drawdown (ft) | -1.00 | -1.70 | -0.40 | -1.00 | -0.35 | -0.30 | | | | |
| pH (S.U.) | 7.89 | 7.90 | 7.64 | 7.40 | 7.40 | 7.40 | | | | |
| Sp. Cond. (mS/cm) | 0.869 | 0.860 | 0.871 | 0.858 | 0.853 | 0.849 | | | | |
| Turbidity (NTUs) | 25.1 | 25.4 | 27.4 | 19.3 | 15.1 | 14.3 | | | | |
| Dissolved Oxygen (mg/L) | 0.38 | 0.37 | 0.10 | 0.11 | 0.12 | 0.10 | | | | |
| Water Temperature (°C) | 9.5 | 9.5 | 9.7 | 10.0 | 10.0 | 10.1 | | | | |
| ORP (mV) | 13.7 | -47.8 | -53.7 | -68.2 | -71.6 | -74.8 | | | | |
| | Physical appear | ance at start Col | or <u>Clear</u> | Phys | sical appearance a | t sampling Cold | or <u>C</u> | Clear | | |
| | _ | | Odo | r | No | | | | | |
| | Sheen/Free Pro | duc | No | Sheen/Fre | ee Product | Ν | lo | | | |
| COMMENTS/OBSERVATIONS | Started purge at 11: | 40 hrs. | | | | | | | | |
| | Sampled at 12:30 h | rs. | | | | | | | | |

| Date (mo/day/yr | 4/7/2 | 2023 | | Casing Diameter | | 2 | 2 | | inches |
|-------------------------------|-------------------------|----------------------|------------------|---|--------------------|----------------|-------------|--------------|--------------|
| Field Personnel | | rrocks | | Casing Material | | P۱ | /C | | |
| Site Name For | | Site - Lancaster, NY | , | Measuring Point Elev | ation | | 689.66 | | 1/100 ft |
| AECOM Job # | 605 | 536398 | | Height of Riser (above land surface) 2.72 | | | | | 1/100 ft |
| Well ID# | MW-38 | BD | | Land Surface Elevation | | | 687.5 | | 1/100 ft |
| Upgra | Upgradient Downgradient | | | Screened Interval (be | low land surfac | | 16-2 | 1 | 1/100 ft |
| Weather Conditions | | Sunny | | | | | | | |
| Air Temperature | | | °F | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | of Casing | 20.9 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) E | Below Top of Casing | 8.58 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 12.32 | 1/100 ft | Various | MNA An | alyses | 12 | Varies | |
| 1 Casing Volume (OCV) = LWC | x 0.163 = | 2.01 | gal | | | | | | |
| 3 Casing Volumes = | 6.0 | 02 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | ic Pump/Poly Tubing | <u> </u> | | | | | | |
| Total Volume of Water Remove | 1 | 2 | gal | | | | | | |
| | | | | FIELD ANALYSES | | | | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | | |
| Time (Military) | 10:25 | 10:30 | 10:35 | 10:40 | 10:45 | 10:50 | | | |
| Depth to Groundwater | | | | | | | | | |
| Below Top of Casing (ft) | 9.64 | 10.63 | 11.72 | 13.12 | 13.83 | 15.13 | | | |
| Drawdown (ft) | -1.06 | -0.99 | -1.09 | -1.40 | -0.71 | -1.30 | | | |
| pH (S.U.) | 7.33 | 7.17 | 7.18 | 7.21 | 7.20 | 7.17 | | | |
| Sp. Cond. (mS/cm) | 0.593 | 0.592 | 0.592 | 0.593 | 0.590 | 0.592 | | | |
| Turbidity (NTUs) | 41.0 | 37.0 | 32.5 | 31.9 | 29.6 | 29.5 | | | |
| Dissolved Oxygen (mg/L) | 1.30 | 0.29 | 0.20 | 0.14 | 0.16 | 0.15 | | | |
| Water Temperature (°C) | 9.2 | 8.9 | 9.0 | 9.1 | 9.0 | 8.9 | | | |
| ORP (mV) | -6.7 | -1.3 | -1.4 | 2.2 | 4.6 | 9.0 | | | |
| | Physical appears | ance at start Co | lor <u>Clear</u> | Phy | sical appearance a | t sampling Col | or <u> </u> | Clear | |
| | | Od | or None | _ | | Ode | or <u> </u> | None | |
| | Sheen/Free Pro | ductI | None | Sheen/Fr | ee Product | N | one | | |
| COMMENTS/OBSERVATIONS | Started purge at 10: | 22 hrs. | | | | | | | |
| | Sampled at 10:50 hr | S. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 4/6/2 | 2023 | | Casing Diameter | | 2 | | | inches |
|--------------------------------------|-------------------------|---------------------|------------|---|--------------------|-------------------|---------|--------------|--------------|
| Field Personnel | | rrocks | | Casing Material | | PVC | ; | | <u> </u> |
| Site Name For | | Site - Lancaster, N | / | Measuring Point Elev | ation | | 689.72 | | 1/100 ft |
| AECOM Job # | 609 | 536398 | | Height of Riser (above land surface) 2.57 | | | | | 1/100 ft |
| Well ID# | MW-39 |)D | | Land Surface Elevation 687.4 | | | | 1/100 ft | |
| Upgra | Upgradient Downgradient | | | Screened Interval (be | elow land surfac | | 15-20 | 0 | 1/100 ft |
| Weather Conditions | | loudy | | | | | | | |
| Air Temperature | | | °F | Container | Analysis (| Method) # | Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | of Casing | 22.5 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | 4°C | |
| Depth to Groundwater (DGW) E | Below Top of Casing | 3.82 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 18.7 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x 0.163 = | 3.04 | gal | | | | | | |
| 3 Casing Volumes = | 9. | 13 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | ic Pump/Poly Tubing | 9 | | | | | | |
| Total Volume of Water Remove | | 2 | gal | | | | | | |
| | | | | | | | | | |
| | | 1 | | FIELD ANALYSES | | 1 | | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | | |
| Time (Military) Depth to Groundwater | 12:50 | 12:55 | 13:00 | 13:05 | 13:10 | 13:15 | | | |
| Below Top of Casing (ft) | 4.50 | 5.65 | 7.19 | 7.95 | 8.60 | 9.00 | | | |
| Drawdown (ft) | -0.68 | -1.15 | -1.54 | -0.76 | -0.65 | -0.40 | | | |
| pH (S.U.) | 6.67 | 6.73 | 6.81 | 6.80 | 6.81 | 6.82 | | | |
| Sp. Cond. (mS/cm) | 1.420 | 1.409 | 1.404 | 1.403 | 1.402 | 1.409 | | | |
| Turbidity (NTUs) | 274.0 | 212.0 | 193.0 | 172.0 | 177.0 | 171 | | | |
| Dissolved Oxygen (mg/L) | 0.55 | 0.18 | 0.17 | 0.24 | 0.16 | 0.13 | | | |
| Water Temperature (°C) | 8.0 | 7.8 | 7.8 | 8.0 | 8.2 | 8.2 | | | |
| ORP (mV) | 16.6 | -21.2 | -29.2 | -34.2 | -39.1 | -40.5 | | | |
| | Physical appear | ance at start Co | lor Cloudy | Phy | sical appearance a | at sampling Color | Slighl | ty Cloudy_ | - |
| | | Od | lor None | | | Odor | N | lone | |
| | Sheen/Free Pro | | None | Sheen/Fr | ee Product | | None | <u></u> | |
| COMMENTS/OBSERVATIONS | Started purge at 12: | 48 hrs. | | | | | | | |
| | Sampled at 13:15 hr | S. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | mo/day/yr4/11/2023 | | | | | 2 | | | inches |
|---|-------------------------|----------------------|-----------------|--------------------------------------|--------------------|------------------|-----------|--------------|--------------|
| Field Personnel | | Au | | Casing Material | | | | | <u>.</u> |
| Site Name Forn | ner Scott Aviation S | Site - Lancaster, NY | <u> </u> | Measuring Point Elevation 689.19 | | | | | 1/100 ft |
| AECOM Job # | 605 | 36398 | | Height of Riser (above land surface) | | | | | 1/100 ft |
| Well ID # | MW-40 | D | | Land Surface Elevation 689.5 | | | | | 1/100 ft |
| Upgrad | Upgradient Downgradient | | | Screened Interval (be | elow land surfac | | 17.8-22 | 2.8 | 1/100 ft |
| Weather Conditions | | | | | | | | | |
| Air Temperature | 57 | | ° F | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top of | f Casing | 22.5 | 1/100 ft | VOA 40 mL glass | TCL VOCs | s (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) Be | elow Top of Casing = | 7.10 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 15.4 | 1/100 ft | Various | MNA An | alyses | 12 | Varies | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 2.77 | gal | | | | | | |
| 3 Casing Volumes = | 8.3 | 31 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | c Pump/Poly Tubing | 9 | | | | | | |
| Total Volume of Water Remove | | 2.0 | gal | | | | | | |
| | | | | FIELD ANALYSES | | | | | |
| Flow Rate (ml/min) | 250 | 175 | 175 | 175 | 175 | 175 | | 175 | |
| Time (Military) | 9:55 | 10:00 | 10:05 | 10:10 | 10:15 | 10:20 | | 10:25 | |
| Depth to Groundwater | 9.55 | 10.00 | 10.03 | 10.10 | 10.13 | 10.20 | | 10.23 | |
| Below Top of Casing (ft) | 7.10 | 8.50 | 9.75 | 10.25 | 11.45 | 12.05 | | 12.85 | |
| Drawdown (ft) | 0.00 | -1.40 | -1.25 | -0.50 | -1.20 | -0.60 | | -0.80 | |
| pH (S.U.) | 7.50 | 7.52 | 7.57 | 7.53 | 7.51 | 7.57 | | 7.57 | |
| Sp. Cond. (mS/cm) | 0.942 | 0.939 | 0.937 | 0.941 | 0.940 | 0.946 | | 0.940 | |
| Turbidity (NTUs) | 86.3 | 61.6 | 57.1 | 51.6 | 51.6 | 50.4 | | 51.2 | |
| Dissolved Oxygen (mg/L) | 3.66 | 0.43 | 0.27 | 0.29 | 0.25 | 0.27 | | 0.31 | |
| Water Temperature (°C) | 10.3 | 10.5 | 10.6 | 10.6 | 10.8 | 10.7 | | 10.8 | |
| DRP (mV) 20.4 -12.3 -42.9 | | | | -50.7 | -62.5 | -69 | | -85.9 | |
| | Physical appeara | ance at start Co | lor Clear | Phy | sical appearance a | at sampling Colo | r | Clear | |
| | | Od | lor <u>No</u> | _ | | Odo | r | No | |
| | | | No | _ | ee Product | N | 0 | | |
| COMMENTS/OBSERVATIONS 4/10/23 Purged 4 gallons from well. 4/11/23 Started purge at 09:55 hrs. Sampled at 10:30 hrs. | | | | | | | | | |
| - | 4/12/23 Resampled | carbon dioxide in ur | preserved vial. | | | | | | |

| Date (mo/day/yr | 4/11/2 | 023 | | Casing Diameter | | | 2 | | inches | |
|--|-----------------------|-----------------------|--------------|----------------------------------|--------------------|---------------|-----------|-----------------|--------------|-------|
| Field Personnel | E. <i>A</i> | ΛU | | Casing Material | | | /C | | | |
| Site Name For | | te - Lancaster, NY | | Measuring Point Elevation 689.08 | | | | 1/100 ft | | |
| AECOM Job # | 1 Job # | | | Height of Riser (above | e land surface) | | -0. | 58 | 1/100 ft | |
| Well ID# | ID#MW-42S | | | Land Surface Elevatio | on | | 689.66 | | 1/100 ft | |
| Upgra | dient | Downgradient | | Screened Interval (bel | low land surface | | 5-1 | 5 | 1/100 ft | |
| Weather Conditions | Breez | /, cloudy | | | | | | | | |
| Air Temperature | 60 | | ° F | Container | Analysis (I | Method) | # Bottles | Preservative | Dup - MS/MSD | |
| Total Depth (TWD) Below Top o | f Casing : | 14.3 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | | |
| Depth to Groundwater (DGW) B | elow Top of Casing = | 3.00 | 1/100 ft | Various | MNA | As . | 2 | Various | | |
| Length of Water Column (LWC) | = TWD - DGW = | 11.3 | 1/100 ft | | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 1.84 | gal | | | | | | | |
| 3 Casing Volumes = | 5.5 | 3 | gal | | | | | | | |
| Method of Well Evacuation | Per | ristaltic Pump | | | | | | | | |
| Method of Sample Collectior | Peristaltion | Pump/Poly Tubing | | | | | | | | |
| Total Volume of Water Removed | | 2.0 | gal | | | | | | | |
| | | | ı | FIELD ANALYSES | | | | | | |
| Flow Rate (ml/min) | 250 | 250 | 200 | 200 | 200 | 225 | | 225 | 225 | 225 |
| Time (Military) | 14:36 | 14:41 | 14:46 | 14:51 | 14:56 | 15:01 | | 15:06 | 15:11 | 15:16 |
| Depth to Groundwater Below Top of Casing (ft) | 3.10 | 4.40 | 4.90 | 5.22 | 5.60 | 6.00 | | 6.45 | 6.85 | 7.15 |
| Drawdown (ft) | -0.10 | -1.30 | -0.50 | -0.32 | -0.38 | -0.40 | | -0.45 | -0.40 | -0.30 |
| pH (S.U.) | 6.84 | 6.82 | 6.79 | 6.73 | 6.69 | 6.72 | | 6.85 | 6.8 | 6.77 |
| Sp. Cond. (mS/cm) | 2.779 | 2.705 | 2.642 | 2.402 | 2.022 | 1.778 | | 1.582 | 1.495 | 1.570 |
| Turbidity (NTUs) | 37.4 | 24.7 | 23.6 | 17.2 | 19.3 | 24.5 | | 16.9 | 11.1 | 6.56 |
| Dissolved Oxygen (mg/L) | 0.40 | 0.29 | 0.28 | 0.16 | 0.12 | 0.11 | | 0.30 | 0.23 | 0.20 |
| Water Temperature (°C) | 11.3 | 11.5 | 11.2 | 10.7 | 10.8 | 10.5 | | 10.3 | 10.4 | 10.1 |
| ORP (mV) | -32.6 | -52.8 | -60.7 | -69.8 | -74.6 | -74.1 | | -78.1 | -68.7 | -65.1 |
| | Physical appeara | nce at start Colo | r Clear/Blac | k flecks Phys | sical appearance a | t sampling Co | lor Clea | ar/Black flecks | | |
| | | Odor | No | _ | | Oc | or | No | | |
| | Sheen/Free Prod | uct N | lo | Sheen/Fre | ee Product | | No | | | |
| COMMENTS/OBSERVATIONS | Started purge at 14:3 | 5 hrs. Sampled at 15 | 20 hrs. | | | | | | | |
| | Resampled carbon di | oxide on 4/12/23 at 1 | 3:00. | | | | | | | |
| | | | | | | | | | | |

| Date (mo/day/yr | 4/12/ | 2023 | | Casing Diameter_ | | 2 | | | inches |
|------------------------------|---|----------------------|-----------------|------------------------|--------------------|-----------------|-----------|--------------|--------------|
| Field Personnel | E. | Au | | Casing Material | | PV | С | | |
| Site Name For | mer Scott Aviation S | Site - Lancaster, NY | | Measuring Point Eleva | ation | | 689.14 | | 1/100 ft |
| AECOM Job # | 605 | 536398 | _ | Height of Riser (above | e land surface) | | -0.46 | ; | 1/100 ft |
| Well ID # | MW-43 | 3S | | Land Surface Elevation | | | 689.6 | | 1/100 ft |
| Upgra | Upgradient Downgradient | | | Screened Interval (be | low land surfac | | 5-15 | | 1/100 ft |
| Weather Conditions | Sunn | y, Breezy | | | | | | | |
| Air Temperature | 60 | | ° F | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top | of Casing | 14.5 | 1/100 ft | VOA 40 mL glass | TCL VOCs | (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) | Below Top of Casing = | 2.16 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC |) = TWD - DGW = | 12.34 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LW0 | C x <u>0.163</u> 0 | 2.01 | gal | | | | | | |
| 3 Casing Volumes = | 6.0 | 03 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | c Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Remove | ei | | gal | | | | | | |
| | | | , | FIELD ANALYSES | | | | | |
| Flow Rate (ml/min) | 250 | 200 | 200 | 200 | 200 | 200 | | | |
| Time (Military) | 14:32 | 14:37 | 14:42 | 14:47 | 14:52 | 14:57 | | | |
| Depth to Groundwater | | | | | | | | | |
| Below Top of Casing (ft) | 2.55 | 4.35 | 4.60 | 5.00 | 5.00 | 5.25 | | | |
| Drawdown (ft) | 0.00 | -1.80 | -0.25 | -0.40 | 0.00 | -0.25 | | | |
| pH (S.U.) | 7.13 | 7.12 | 7.13 | 7.12 | 7.12 | 7.1 | | | |
| Sp. Cond. (mS/cm) | 0.932 | 0.932 | 0.931 | 0.929 | 0.928 | 0.933 | | | |
| Turbidity (NTUs) | 5.61 | 6.24 | 5.94 | 6.68 | 9.07 | 7.13 | | | |
| Dissolved Oxygen (mg/L) | 1.92 | 0.13 | 0.12 | 0.11 | 0.11 | 0.11 | | | |
| Water Temperature (°C) | 12.7 | 12.1 | 12.0 | 11.9 | 11.8 | 11.9 | | | |
| ORP (mV) | 32.4 | -42.7 | -47.0 | -55.6 | -61.8 | -65.1 | | | |
| | Physical appears | ance at start Cold | or <u>Clear</u> | Phys | sical appearance a | at sampling Col | or | Clear | |
| | | Odo | or <u>No</u> | _ | | Odo | or | No | |
| | | | No | Sheen/Fre | ee Product | <u> </u> | lo | | |
| COMMENTS/OBSERVATIONS | COMMENTS/OBSERVATIONS Started purge at 14:30 hrs. | | | | | | | | |
| | Sampled at 15:00 hr | S. | | | | | | | |
| | | | | | | | | | |

| Date (mo/day/yr | 4/11/ | 2023 | | Casing Diameter | | 2 | | | inches |
|--|-----------------------|----------------------|-----------------|--------------------------------------|-------------------|------------------|-------------|--------------|--------------|
| Field Personnel | E | Au | | Casing Material | | | С | | |
| Site Name Form | ner Scott Aviation S | Site - Lancaster, NY | | Measuring Point Eleva | ition | | | | 1/100 ft |
| AECOM Job # | 605 | 36398 | | Height of Riser (above land surface) | | | | | 1/100 ft |
| Well ID # | MW-44 | IS . | | Land Surface Elevatio | n | | | | 1/100 ft |
| Upgra | dient | Downgradient | | Screened Interval (bel | ow land surfac | | 5-15 | 5 | 1/100 ft |
| Weather Conditions | Partly Clo | oudy, Breezy | | | | | | | |
| Air Temperature | 60 | | °F | Container | Analysis (| Method) | # Bottles | Preservative | Dup - MS/MSD |
| Total Depth (TWD) Below Top o | f Casing | 15 | 1/100 ft | VOA 40 mL glass | TCL VOCs | s (8260B) | 3 | HCL, 4°C | |
| Depth to Groundwater (DGW) B | elow Top of Casing = | 4.57 | 1/100 ft | VOA 40 mL glass | ТО | С | 2 | HCL, 4°C | |
| Length of Water Column (LWC) | = TWD - DGW = | 10.43 | 1/100 ft | | | | | | |
| 1 Casing Volume (OCV) = LWC | x <u>0.163</u> = | 1.70 | gal | | | | | | |
| 3 Casing Volumes = | 5. | 10 | gal | | | | | | |
| Method of Well Evacuation | Pe | eristaltic Pump | | | | | | | |
| Method of Sample Collection | Peristalti | c Pump/Poly Tubing | | | | | | | |
| Total Volume of Water Remove | | 2 | gal | | | | | | |
| | | | | | | | | | |
| | | 1 | | IELD ANALYSES | | 1 | <u> </u> | | |
| Flow Rate (ml/min) | 200 | 200 | 200 | 200 | 200 | 200 | | 200 | |
| Time (Military) | 13:27 | 13:32 | 13:37 | 13:42 | 13:47 | 13:52 | | 13:57 | |
| Depth to Groundwater Below Top of Casing (ft) | 5.30 | 5.81 | 6.05 | 6.35 | 6.70 | 7.00 | | 7.20 | |
| Drawdown (ft) | -0.73 | -0.51 | -0.24 | -0.30 | -0.35 | -0.30 | | -0.20 | |
| pH (S.U.) | 7.13 | 7.18 | 7.22 | 7.25 | 7.26 | 7.24 | | 7.22 | |
| Sp. Cond. (mS/cm) | 1.024 | 1.026 | 1.022 | 1.024 | 1.022 | 1.021 | | 1.020 | |
| Turbidity (NTUs) | 54.5 | 24.3 | 26.8 | 24.2 | 19.5 | 14.9 | | 18.1 | |
| Dissolved Oxygen (mg/L) | 0.81 | 0.52 | 0.58 | 1.30 | 2.11 | 2.89 | | 3.47 | |
| Water Temperature (°C) | 9.7 | 9.0 | 9.3 | 9.2 | 9.0 | 8.8 | | 9.0 | |
| ORP (mV) | 78.8 | 64.6 | 59.0 | 54.3 | 53.9 | 55.3 | | 57.6 | |
| | Physical appeara | ance at start Col | or <u>Clear</u> | _ Phys | ical appearance a | at sampling Colo | or <u>(</u> | Clear | |
| | | Odd | or <u>No</u> | _ | | Odo | r | No | |
| | Sheen/Free Prod | duct | No | _ Sheen/Fre | e Product | N | lo | | |
| COMMENTS/OBSERVATIONS | Started purge at 13:2 | 26 hrs. | | | | | | | |
| | Sampled at 14:00 hr | S. | | | | | | | |
| | | | | | | | | | |

Appendix D Analytical Laboratory Data Packages (Provided on CD)



Gene-Trac® Certificate of Analysis

Customer: Dino ZackBatch Reference: S-9433Email: dino.zack@aecom.comReport Date: 26-Oct-22

Company: AECOM

Test Location(s): Knoxville and Guelph

Project Name: Area 1 BCP

Customer Reference: 60676145

Method Reference: SOP-002, 019, 108, 114, & 116

The results included herein only apply to the samples described within and are applicable to the items as received.

SOP-116 (DNA Extraction) and SOP-114 (DNA Quantification) were performed at SiREM Knoxville, the remainder of testing was performed at SiREM Guelph.

This certificate is not to be reproduced unless in full.





Certificate of Analysis: Gene-Trac® Dehalococcoides Assay

Certificate Number: CAG-0182

Data File(s): QS3A-DHCT-TM-QPCR-2072

Run Date(s): 21-Oct-22

Table 1a: Test Results

| Sample ID | Dehalococcoides (Dhc) | | | | | | |
|-----------|----------------------------|----------------------------------|--|--|--|--|--|
| | Percent Dhc ⁽¹⁾ | Enumeration/Liter ⁽²⁾ | | | | | |
| MW-42S | 4 - 11 % | 1 x 10 ⁸ | | | | | |

See final page for notes.

Melody Vachon, M.Sc. Laboratory Technician II

// Jen Wilkinson

Senior Laboratory Technician II



Certificate of Analysis: Gene-Trac® Functional Gene Assay

Certificate Number: CAG-0182

Data File(s): QS3B-FGA-QPCR-1363

Run Date(s): 20-Oct-22

Table 1b: Test Results

| Sample ID | VC Reductase (vcrA) Percent Gene vcrA (3) Copies/Liter | | | C Reductase | TCE Reductase (tceA) | | |
|-----------|---|---------------------|---------------------|----------------------|-------------------------|----------------------|--|
| | | | Percent bvcA (3) | Gene Copies/Liter | Percent tceA (3) | Gene Copies/Liter | |
| MW-42S | 2 - 6 % | 6 x 10 ⁷ | 0.0006 - 0.002 % | 2 x 10 ⁴ | 0.2 - 0.7 % | 7 x 10 ⁶ | |

See final page for notes.

Melody Vachon, M.Sc. **Laboratory Technician II**

Jen Wilkinson Senior Laboratory Technician II





Certificate of Analysis: Gene-Trac® Dehalobacter Assay

Certificate Number: CAG-0182

Data File(s): QS3B-DHB-QPCR-0611

Run Date(s): 17-Oct-22

Table 1c: Test Results

| Sample ID | Dehalobacter (Dhb) | | | | | |
|-----------|----------------------------|-----------------------|--|--|--|--|
| | Percent Dhb ⁽¹⁾ | Dhb Gene Copies/liter | | | | |
| MW-42S | 0.1 - 0.3 % | 3 x 10 ⁶ | | | | |

See final page for notes.

Melody Vachon, M.Sc.
Laboratory Technician II

Senior Laboratory Technician II

 Table 2: Detailed Test Parameters, Test Certificate CAG-0182

| Customer Sample ID | MW-42S |
|--|---------------------|
| Date Sampled ⁽⁴⁾ | 10-Oct-22 |
| Matrix | Groundwater |
| Date Received ⁽⁴⁾ | 11-Oct-22 |
| Sample Temperature | 3.2 °C |
| Filtration Date ⁽⁴⁾ | 12-Oct-22 |
| Volume Used for DNA Extraction | 100 mL |
| DNA Extraction Date | 13-Oct-22 |
| DNA Concentration in Sample (extractable) | 6,383 ng/L |
| PCR Amplifiable DNA | Detected |
| DNA Extraction Control ⁽⁵⁾ | Passed |
| Detection Limit (copies/L) | 2 x 10 ³ |
| Quantitation Limit (copies/L) | 6 x 10 ³ |
| qPCR Controls (see Tables 3, 4, & 5) | Passed |
| Comments | |

Table 3: Gene-Trac Dhc Control Results, Test Reference CAG-0182

| | | | Dhc 16 | S rRNA | | |
|---------------------------------------|------------------|------------------------------|---|------------------------------------|----------|--|
| Laboratory Control | Analysis Date | Control Description | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Comments | |
| Positive Control Low Concentration | 21-Oct-22 | Synthetic DNA (CSLD-1710) | 7.9 x 10 ⁶ | 4.7 x 10 ⁶ | Passed | |
| Positive Control High Concentration | 21-Oct-22 | Synthetic DNA (CSHD-1710) | 1.5 x 10 ⁸ 1.7 x 10 ⁸ | | Passed | |
| DNA Extraction Blank | 21-Oct-22 | Sterile Water (FB-4184) | 0 | 5.0 x 10 ² U | Passed | |
| Negative Control | 21-Oct-22 | Reagent Blank (TBD-1669) | 0 5.0 x 10^2 U | | Passed | |

Table 4: Gene-Trac FGA Control Results, Test Reference CAG-0182

| | | | VC | rA | bv | cA | tce | | |
|--|------------------|------------------------------|------------------------------------|---------------------------------------|------------------------------------|---------------------------------------|------------------------------------|---------------------------------------|----------|
| Laboratory Control | Analysis Date | Control Description | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Comments |
| Positive Control Low Concentration | 20-Oct-22 | Synthetic DNA (CSLF-1231) | 5.2 x 10 ⁶ | 4.8 x 10 ⁶ | 5.8 x 10 ⁶ | 5.0 x 10 ⁶ | 4.9 x 10 ⁶ | 4.1 x 10 ⁶ | Passed |
| Positive Control High Concentration | 20-Oct-22 | Synthetic DNA (CSHF-1231) | 5.1 x 10 ⁸ | 6.0 x 10 ⁸ | 5.7 x 10 ⁸ | 6.0 x 10 ⁸ | 5.5 x 10 ⁸ | 5.7 x 10 ⁸ | Passed |
| DNA Extraction Blank | 20-Oct-22 | Sterile Water (FB-4184) | 0 | 5.0 x 10 ² U | 0 | 5.0 x 10 ² U | 0 | 5.0 x 10 ² U | Passed |
| Negative Control | 20-Oct-22 | Reagent Blank (TBF-1202) | 0 | 5.0 x 10 ² U | 0 | 5.0 x 10 ² U | 0 | 5.0 x 10 ² U | Passed |

Table 5: Gene-Trac Dhb Control Results, Test Reference CAG-0182

| | | | Dhb 16 | S rRNA | | |
|--|------------------|-------------------------------|---|------------------------------------|------------|--|
| Laboratory Control | Analysis Date | Control Description | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Comments | |
| Positive Control Low Concentration | 17-Oct-22 | Synthetic DNA (CSLDB-0570) | 1.8 x 10 ⁷ | 2.0 x 10 ⁷ | Passed | |
| Positive Control High Concentration | 17-Oct-22 | Synthetic DNA (CSHDB-0570) | 1.8×10^9 $7.9 \times 10^{8 (6)}$ | | See note 6 | |
| DNA Extraction Blank | 17-Oct-22 | Sterile Water (FB-4184) | 0 | 5.0 x 10 ² U | Passed | |
| Negative Control | 17-Oct-22 | Reagent Blank (TBDB-0570) | 0 5.0 x 10 ² U | | Passed | |



Notes:

Dhc = Dehalococcoides

vcrA = VC reductase

bvcA = BAV1 VC reductase

tceA = TCE reductase

FGA = functional gene assay

Dhb = Dehalobacter

M Non-specific amplification was observed via melt curve analysis

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.

ng/L = nanograms per liter

mL = milliliter

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 Percent *Dehalococcoides* (Dhc) or *Dehalobacter* (Dhb) in microbial population. This value is calculated by dividing the number of Dhc or Dhb 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc or Dhb enumeration.

² Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

³ Percent of functional gene in microbial population. This value is calculated by dividing the functional gene copies quantified by the total number of estimated prokaryotes in the sample (based on the total quantity of DNA extracted from the sample). A value of 100% would suggest that all microbes in the sample contain the gene.

⁴ Samples are stabilized by freezing at -80 °C upon sample reception (field filters) or in-lab filtration (groundwater). Hold time not exceeded if sampling date is within 14 days of date received or filtration date.

⁵ DNA is extracted from a standardized bacterial culture sample once per week and Total Bacteria 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.



Chain-of-Custody Form

siremlab.com

180B Market Place Blvd Knoxville, TN 37922 1-865-291-4718 or 1-866-251-1747 S-9433

| Area I BYP | Project # 6 | 067 (| 5/4/ | | | | | | | Ana | lvele | | | | |
|--|-------------|-------------------|------------|--------------------|--|---------------------|---------------|----------------|---------------|----------------------|-----------------------|---------------------|------------------|-----------------|------------------------|
| *Project Name Area PSOP *Project # 6067 6145 *Company A From *Email Address | | - | Γ | | | T - | T | 70.5 | Т | | | | | | |
| *Email Address Address (Street) JUhn Tames Anduban Pkny Saite 210 City Amberst State/Province my *Phone # 716 - Call (227) | | | - | - | | | - | | ψ | - | | | Preservative Key | | |
| Address (Street) |)// I | | | | Gene-Trac DHC | | | 5 | - | | gases | | | | 0, None 1. HCL |
| City AmberSt State/Province | PKW | ountry | · re | 210 | | | İ | | Gene-Trac SRB | gs | Sarbor | > | | | 2 Other ICE |
| *Phone # 11/ Project | | 4 | > | | | FGA | DHB | DHG | | itty Ac | hydroc | y Stud | | | 3, Other |
| 2000-8777 | | | | | | Gene-Trac FGA | Gene-Trac DHB | Sene-Trac DHGM | | Volatile Fatty Acids | Dissolved hydrocarbon | Treatability Study | | | 4. Other5. Other |
| *Sampler's Signature *Sampler's Pi |) | 2 | | , | | Gen | Gen | Gen | Gen | Vola | Diss | Trea | | | 6, Other |
| Client Sample ID | Sam Date | pling Time | Matrix | # of Containers | | | | | | | | | | | Other Information |
| mn-425 | 1011012 | | Gw | 3 | X | × | ~ | | | | | | - | | |
| 41-GP10-S | 10110122 | | Gw | 2 | | ~ | Χ. | | | X | | | - | | Per POSSION |
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| 147.162 | | Normal K | | | ondition: For Lab Use Only INTACT WET ICE | | | | | | | Bottle order #32045 | | | |
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| Signature Signature Kulaw of | | ignature | emiqueme | u by. | Sign | nature | Mece | iveu by | | | Signatu | | iquished | і Ву; | Received By: Signature |
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| Date/Time 10/10/22 1530 Date/Time 10/10/22 0936 | Da | Date/Time | | | Date | Date/Time Date/Time | | | | Date/Time | | | | | |



Environment Testing America

ANALYTICAL REPORT

Eurofins Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-202378-1

Client Project/Site: Scott Figgie Area 1 BCP

For:

AECOM
One John James Audubon Parkway
Suite 210
Amherst, New York 14228

Attn: Mr. Dino Zack

Wystl Bloton

Authorized for release by: 10/26/2022 2:30:45 PM Wyatt Watson, Project Management Assistant I

Wyatt.Watson@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management (716)504-9835

Brian.Fischer@et.eurofinsus.com

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



----- LINKS -----

Review your project results through

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Have a Question?

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Visit us at:

Client: AECOM

Project/Site: Scott Figgie Area 1 BCP

Laboratory Job ID: 480-202378-1

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Definitions/Glossary

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Qualifiers

GC/MS VOA

 Qualifier
 Qualifier Description

 *+
 LCS and/or LCSD is outside acceptance limits, high biased.

E Result exceeded calibration range.
F2 MS/MSD RPD exceeds control limits

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

GC VOA

J

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 | | | | | | |
|-----------|--|--|--|--|--|--|--|
| В | Compound was found in the blank and sample. | | | | | | |
| F1 | MS and/or MSD recovery exceeds control limits. | | | | | | |
| Н | Sample was prepped or analyzed beyond the specified holding time | | | | | | |
| HF | Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. | | | | | | |

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

Eurofins Buffalo

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10/26/2022

Case Narrative

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-202378-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-202378-1

Comments

No additional comments.

Receipt

The samples were received on 10/5/2022 4:50 PM, 10/6/2022 10:01 AM, 10/6/2022 4:40 PM, 10/7/2022 2:50 PM and 10/10/2022 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 2.6° C, 2.8° C, 3.5° C, 3.5° C, 3.7° C and 3.9° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-644728 recovered outside acceptance criteria, low biased, for 1,1,2-Trichloroethane, Isopropylbenzene and Ethylbenzene. 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 sample is impacted: A1-GP15-S (480-202443-7).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: A1-GP16-S (480-202380-1), (480-202380-A-1 MS) and (480-202380-A-1 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-644907 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-644798 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Cyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-36S (480-202378-1), MW-36D (480-202378-2) and A1-GP09-S (480-202379-1).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-36D (480-202378-2) and A1-GP09-S (480-202379-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-40D (480-202482-10) and MW-42S (480-202482-11). 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-38D (480-202443-1) and MW-39D (480-202443-5). 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 (480-202443-2) and A1-GP02-S (480-202443-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-645217 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Cyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-38D (480-202443-1), A1-GP06-S (480-202443-2), A1-GP18-S (480-202443-3), MW-37D (480-202443-4), MW-39D (480-202443-5) and A1-GP02-S (480-202443-6).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-645440 recovered above the upper control limit for Cyclohexane, Acetone, 1,1,2-Trichloro-1,2,2-trifluoroethane and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: A1-GP02-S (480-202443-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-645440 recovered outside control limits for the following analytes: Acetone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: A1-GP02-S (480-202443-6).

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Eurofins Buffalo 10/26/2022

Job ID: 480-202378-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: A1-GP02-S (480-202443-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: A1-GP10-S (480-202540-2). 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-43S (480-202540-4) and A1-GP14-S (480-202540-6). 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.

HPLC/IC

Method 300.0: The following samples were diluted due to the abundance of non-target analytes: MW-38D (480-202443-1) and A1-GP18-S (480-202443-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted due to the nature of the sample matrix: MW-35D (480-202482-9). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted due to the abundance of non-target analytes: MW-40D (480-202482-10), MW-42S (480-202482-11) and A1-GP06-S (480-202482-13). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted due to the abundance of non-target analytes: A1-GP10-S (480-202540-2). 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-38D (480-202443-1), A1-GP18-S (480-202443-3), MW-35D (480-202482-9), MW-40D (480-202482-10), MW-42S (480-202482-11) and A1-GP06-S (480-202482-13). Elevated reporting limits (RLs) are provided.

Method RSK-175: The following sample was diluted to bring the concentration of target analytes within the calibration range: A1-GP10-S (480-202540-2). 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.

Metals

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

General Chemistry

Method SM 3500 FE D: 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-38D (480-202443-1) and A1-GP18-S (480-202443-3).

Method 353.2: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: (480-202438-G-16), (480-202438-G-16 DU) and (480-202438-G-16 MS).

Method SM 3500 FE D: 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-35D (480-202482-9), MW-40D (480-202482-10), MW-42S (480-202482-11), A1-GP06-S (480-202482-13) and A1-GP10-S (480-202540-2).

Method 9060A: The reference method requires samples to be preserved to a pH of below 2. The following sample was received with insufficient preservation at a pH of above 2: (480-202378-D-2 DU). The sample(s) was preserved to the appropriate pH in the laboratory.

Case Narrative

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-202378-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Method 353.2: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to failure of quality control parameters in the initial analysis. MW-35D (480-202482-9), MW-40D (480-202482-10) and MW-42S (480-202482-11)

Method 353.2: The following sample(s) was prepared outside of holding time due to laboratory error: A1-GP10-S (480-202540-2).

Method 9060A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-645787 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. the samples were reanalyzed and the results were confirmed.

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

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36S

Date Received: 10/05/22 16:50

Lab Sample ID: 480-202378-1 Date Collected: 10/05/22 12:15

Matrix: Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|-----|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | - | 10/11/22 16:41 | - |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/11/22 16:41 | |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/11/22 16:41 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/11/22 16:41 | |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/11/22 16:41 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 10/11/22 16:41 | |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/11/22 16:41 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 10/11/22 16:41 | |
| Acetone | 5.1 | J | 10 | | ug/L | | | 10/11/22 16:41 | |
| Benzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Bromoform | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Bromomethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Chloroethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Isopropylbenzene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/11/22 16:41 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Styrene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| Toluene | ND ND | | 1.0 | | ug/L ug/L | | | 10/11/22 16:41 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/11/22 16:41 | |
| trans-1,3-Dichloropropene | ND ND | | 1.0 | | ug/L ug/L | | | 10/11/22 16:41 | |
| Trichloroethene | ND ND | | 1.0 | | ug/L ug/L | | | 10/11/22 16:41 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L ug/L | | | 10/11/22 16:41 | |
| Vinyl chloride | ND ND | | 1.0 | | ug/L ug/L | | | 10/11/22 16:41 | |
| Xylenes, Total | ND ND | | 2.0 | | ug/L ug/L | | | 10/11/22 16:41 | |

Eurofins Buffalo

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36S Lab Sample ID: 480-202378-1

Date Collected: 10/05/22 12:15

Matrix: Water

Date Received: 10/05/22 16:50

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzed | Dil Fac |
|------------------------------|---------------------|----------|-------------------|---------|
| Toluene-d8 (Surr) | 101 | 80 - 120 | 10/11/22 16:41 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | 10/11/22 16:41 | 1 |
| 4-Bromofluorobenzene (Surr) | 101 | 73 - 120 | 10/11/22 16:41 | 1 |
| Dibromofluoromethane (Surr) | 102 | 75 - 123 | 10/11/22 16:41 | 1 |
| | | | | |

| General Chemistry Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 10.4 | | 1.0 | 0.43 | mg/L | | | 10/13/22 03:00 | 1 |
| 9060A) | | | | | | | | | |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36D

Lab Sample ID: 480-202378-2 Date Collected: 10/05/22 11:35

Matrix: Water

Date Received: 10/05/22 16:50

| Analyte | Result Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 4.0 | 3.3 | ug/L | | | 10/11/22 17:03 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.0 | 0.84 | ug/L | | | 10/11/22 17:03 | |
| 1,1,2-Trichloroethane | ND | 4.0 | 0.92 | ug/L | | | 10/11/22 17:03 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 4.0 | 1.2 | ug/L | | | 10/11/22 17:03 | |
| 1,1-Dichloroethane | ND | 4.0 | 1.5 | ug/L | | | 10/11/22 17:03 | |
| 1,1-Dichloroethene | ND | 4.0 | 1.2 | ug/L | | | 10/11/22 17:03 | |
| 1,2,4-Trichlorobenzene | ND | 4.0 | 1.6 | ug/L | | | 10/11/22 17:03 | |
| 1,2-Dibromo-3-Chloropropane | ND | 4.0 | 1.6 | ug/L | | | 10/11/22 17:03 | |
| 1,2-Dichlorobenzene | ND | 4.0 | 3.2 | ug/L | | | 10/11/22 17:03 | |
| 1,2-Dichloroethane | ND | 4.0 | 0.84 | ug/L | | | 10/11/22 17:03 | |
| 1,2-Dichloropropane | ND | 4.0 | 2.9 | ug/L | | | 10/11/22 17:03 | |
| 1,3-Dichlorobenzene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| 1,4-Dichlorobenzene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| 2-Butanone (MEK) | ND | 40 | | ug/L | | | 10/11/22 17:03 | |
| 2-Hexanone | ND | 20 | | ug/L | | | 10/11/22 17:03 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 20 | | ug/L | | | 10/11/22 17:03 | |
| Acetone | ND | 40 | | ug/L | | | 10/11/22 17:03 | |
| Benzene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Bromodichloromethane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Bromoform | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Bromomethane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Carbon disulfide | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Carbon tetrachloride | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Chlorobenzene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Dibromochloromethane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Chloroethane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Chloroform | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Chloromethane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| cis-1,2-Dichloroethene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| cis-1,3-Dichloropropene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Cyclohexane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Dichlorodifluoromethane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Ethylbenzene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| 1,2-Dibromoethane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| sopropylbenzene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Methyl acetate | ND | 10 | | ug/L | | | 10/11/22 17:03 | |
| Methyl tert-butyl ether | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Methylcyclohexane | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Methylene Chloride | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Styrene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Tetrachloroethene | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Foluene | ND ND | 4.0 | | ug/L ug/L | | | 10/11/22 17:03 | |
| rans-1,2-Dichloroethene | ND ND | | | | | | 10/11/22 17:03 | |
| • | ND ND | 4.0 4.0 | | ug/L | | | | |
| rans-1,3-Dichloropropene | | | | ug/L | | | 10/11/22 17:03 | |
| Trichlorofluoromothono | ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Trichlorofluoromethane | ND ND | 4.0 | | ug/L | | | 10/11/22 17:03 | |
| Vinyl chloride Xylenes, Total | ND ND | 4.0 8.0 | | ug/L ug/L | | | 10/11/22 17:03 10/11/22 17:03 | |

Eurofins Buffalo

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36D Lab Sample ID: 480-202378-2

Date Collected: 10/05/22 11:35

Matrix: Water

Date Received: 10/05/22 16:50

| Surrogate | %Recovery Qua | lifier Limits | Prepared Analyzed | Dil Fac |
|------------------------------|---------------|---------------|-------------------|---------|
| Toluene-d8 (Surr) | 101 | 80 - 120 | 10/11/22 17:03 | 4 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | 10/11/22 17:03 | 4 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - 120 | 10/11/22 17:03 | 4 |
| Dibromofluoromethane (Surr) | 101 | 75 - 123 | 10/11/22 17:03 | 4 |

| General Chemistry Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 10.5 | | 1.0 | 0.43 | mg/L | | | 10/13/22 03:57 | 1 |
| 9060A) | | | | | | | | | |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP09-S Lab Sample ID: 480-202379-1

Date Collected: 10/05/22 13:00 **Matrix: Water**

Date Received: 10/05/22 16:50

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|-----|-----|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 5.0 | 4.1 | ug/L | | | 10/11/22 17:25 | |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 1.1 | ug/L | | | 10/11/22 17:25 | į |
| 1,1,2-Trichloroethane | ND | | 5.0 | 1.2 | ug/L | | | 10/11/22 17:25 | į |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.6 | ug/L | | | 10/11/22 17:25 | |
| 1,1-Dichloroethane | ND | | 5.0 | 1.9 | ug/L | | | 10/11/22 17:25 | |
| 1,1-Dichloroethene | ND | | 5.0 | 1.5 | ug/L | | | 10/11/22 17:25 | į |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | į |
| 1,2-Dichlorobenzene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| 1,2-Dichloroethane | ND | | 5.0 | 1.1 | ug/L | | | 10/11/22 17:25 | |
| 1,2-Dichloropropane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | į |
| 1,3-Dichlorobenzene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| 1,4-Dichlorobenzene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| 2-Butanone (MEK) | ND | | 50 | | ug/L | | | 10/11/22 17:25 | į |
| 2-Hexanone | ND | | 25 | | ug/L | | | 10/11/22 17:25 | į |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | | ug/L | | | 10/11/22 17:25 | |
| Acetone | ND | | 50 | | ug/L | | | 10/11/22 17:25 | |
| Benzene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Bromodichloromethane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Bromoform | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Bromomethane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Carbon disulfide | ND | | 5.0 | | ug/L ug/L | | | 10/11/22 17:25 | |
| Carbon tetrachloride | ND ND | | 5.0 | | ug/L ug/L | | | 10/11/22 17:25 | |
| | ND ND | | | | _ | | | | , |
| Chlorobenzene | | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Dibromochloromethane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Chloroform | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | ; |
| Chloroform | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Chloromethane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| cis-1,2-Dichloroethene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | ; |
| cis-1,3-Dichloropropene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Cyclohexane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | ; |
| Dichlorodifluoromethane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | , |
| Ethylbenzene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| 1,2-Dibromoethane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | ; |
| Isopropylbenzene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | ! |
| Methyl acetate | ND | | 13 | | ug/L | | | 10/11/22 17:25 | |
| Methyl tert-butyl ether | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Methylcyclohexane | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Methylene Chloride | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Styrene | ND | | 5.0 | 3.7 | ug/L | | | 10/11/22 17:25 | |
| Tetrachloroethene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| Toluene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| trans-1,2-Dichloroethene | ND | | 5.0 | | ug/L | | | 10/11/22 17:25 | |
| trans-1,3-Dichloropropene | ND | | 5.0 | 1.9 | ug/L | | | 10/11/22 17:25 | |
| Trichloroethene | ND | | 5.0 | 2.3 | ug/L | | | 10/11/22 17:25 | |
| Trichlorofluoromethane | ND | | 5.0 | 4.4 | ug/L | | | 10/11/22 17:25 | |
| Vinyl chloride | ND | | 5.0 | 4.5 | ug/L | | | 10/11/22 17:25 | į |
| Xylenes, Total | ND | | 10 | 3.3 | ug/L | | | 10/11/22 17:25 | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 10/05/22 16:50

Client Sample ID: A1-GP09-S Lab Sample ID: 480-202379-1

Date Collected: 10/05/22 13:00 **Matrix: Water**

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | | | | 10/11/22 17:25 | 5 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 77 - 120 | | | | | 10/11/22 17:25 | 5 |
| 4-Bromofluorobenzene (Surr) | 98 | | 73 - 120 | | | | | 10/11/22 17:25 | 5 |
| Dibromofluoromethane (Surr) | 102 | | 75 - 123 | | | | | 10/11/22 17:25 | 5 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 14.3 | | 1.0 | 0.43 | mg/L | | | 10/13/22 04:26 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP16-S Date Collected: 10/05/22 14:50 Lab Sample ID: 480-202380-1

Matrix: Water

Date Received: 10/06/22 10:01

| Analyte | Result | · | _ | Unit | <u>D</u> | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|------|----------------|--------------|----------|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| 1,1,2,2-Tetrachloroethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| 1,1,2-Trichloroethane | ND | 4. | 0 0.92 | ug/L | | | 10/11/22 15:17 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND F | 2 4. | 0 1.2 | ug/L | | | 10/11/22 15:17 | |
| 1,1-Dichloroethane | ND | 4. | 0 1.5 | ug/L | | | 10/11/22 15:17 | |
| 1,1-Dichloroethene | ND | 4. | 0 1.2 | ug/L | | | 10/11/22 15:17 | |
| 1,2,4-Trichlorobenzene | ND | 4. | 0 1.6 | ug/L | | | 10/11/22 15:17 | |
| 1,2-Dibromo-3-Chloropropane | ND | 4. | 0 1.6 | ug/L | | | 10/11/22 15:17 | |
| 1,2-Dichlorobenzene | ND | 4. | 0 3.2 | ug/L | | | 10/11/22 15:17 | |
| 1,2-Dichloroethane | ND | 4. | 0 0.84 | ug/L | | | 10/11/22 15:17 | |
| 1,2-Dichloropropane | ND | 4. | 0 2.9 | ug/L | | | 10/11/22 15:17 | |
| 1,3-Dichlorobenzene | ND | 4. | 0 3.1 | ug/L | | | 10/11/22 15:17 | |
| 1,4-Dichlorobenzene | ND | 4. | 0 3.4 | ug/L | | | 10/11/22 15:17 | |
| 2-Butanone (MEK) | ND | 4 | 0 5.3 | ug/L | | | 10/11/22 15:17 | |
| 2-Hexanone | ND | 2 | | ug/L | | | 10/11/22 15:17 | |
| 1-Methyl-2-pentanone (MIBK) | ND | 2 | 0 8.4 | ug/L | | | 10/11/22 15:17 | |
| Acetone | ND | 4 | | ug/L | | | 10/11/22 15:17 | |
| Benzene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Bromodichloromethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Bromoform | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Bromomethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Carbon disulfide | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Carbon tetrachloride | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Chlorobenzene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Dibromochloromethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Chloroethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Chloroform | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Chloromethane | ND | 4 | | ug/L | | | 10/11/22 15:17 | |
| cis-1,2-Dichloroethene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| cis-1,3-Dichloropropene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Cyclohexane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Dichlorodifluoromethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Ethylbenzene | ND | 4 | | ug/L | | | 10/11/22 15:17 | |
| 1,2-Dibromoethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| sopropylbenzene | ND | 4 | | ug/L ug/L | | | 10/11/22 15:17 | |
| Methyl acetate | ND | | | ug/L ug/L | | | 10/11/22 15:17 | |
| Methyl tert-butyl ether | ND | 4. | | | | | 10/11/22 15:17 | |
| Methylcyclohexane | | | | ug/L | | | | |
| • • | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Methylene Chloride | ND ND | 4. | | ug/L | | | 10/11/22 15:17 10/11/22 15:17 | |
| Styrene | | 4. | | ug/L | | | | |
| Tetrachloroethene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Foluene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| rans-1,2-Dichloroethene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| rans-1,3-Dichloropropene | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| Frichloroethene | ND | 4 | | ug/L | | | 10/11/22 15:17 | |
| Frichlorofluoromethane | ND | 4. | | ug/L | | | 10/11/22 15:17 | |
| /inyl chloride Kylenes, Total | ND ND | 4. | 0 3.6 0 2.6 | ug/L | | | 10/11/22 15:17 10/11/22 15:17 | |

Eurofins Buffalo

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP16-S Lab Sample ID: 480-202380-1

Date Collected: 10/05/22 14:50 Date Received: 10/06/22 10:01

Matrix: Water

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 101 | 80 - 120 | | 10/11/22 15:17 | 4 |
| 1,2-Dichloroethane-d4 (Surr) | 105 | 77 - 120 | | 10/11/22 15:17 | 4 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | | 10/11/22 15:17 | 4 |
| Dibromofluoromethane (Surr) | 101 | 75 - 123 | | 10/11/22 15:17 | 4 |
| | | | | | |

| General Chemistry Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 27.0 | 1.0 | 0.43 | mg/L | | | 10/13/22 20:47 | 1 |
| 9060A) | | | | | | | | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-38D

Lab Sample ID: 480-202443-1 Date Collected: 10/06/22 12:20

Matrix: Water

Date Received: 10/06/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | | 4.0 | 3.3 | ug/L | | | 10/13/22 18:24 | |
| 1,1,2,2-Tetrachloroethane | ND | | 4.0 | 0.84 | ug/L | | | 10/13/22 18:24 | 4 |
| 1,1,2-Trichloroethane | ND | | 4.0 | 0.92 | ug/L | | | 10/13/22 18:24 | 4 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 4.0 | 1.2 | ug/L | | | 10/13/22 18:24 | |
| 1,1-Dichloroethane | ND | | 4.0 | 1.5 | ug/L | | | 10/13/22 18:24 | |
| 1,1-Dichloroethene | ND | | 4.0 | 1.2 | ug/L | | | 10/13/22 18:24 | |
| 1,2,4-Trichlorobenzene | ND | | 4.0 | 1.6 | ug/L | | | 10/13/22 18:24 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 4.0 | 1.6 | ug/L | | | 10/13/22 18:24 | |
| 1,2-Dichlorobenzene | ND | | 4.0 | 3.2 | ug/L | | | 10/13/22 18:24 | |
| 1,2-Dichloroethane | ND | | 4.0 | 0.84 | ug/L | | | 10/13/22 18:24 | |
| 1,2-Dichloropropane | ND | | 4.0 | 2.9 | ug/L | | | 10/13/22 18:24 | 4 |
| 1,3-Dichlorobenzene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | 4 |
| 1,4-Dichlorobenzene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| 2-Butanone (MEK) | ND | | 40 | | ug/L | | | 10/13/22 18:24 | |
| 2-Hexanone | ND | | 20 | | ug/L | | | 10/13/22 18:24 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 20 | | ug/L | | | 10/13/22 18:24 | |
| Acetone | ND | | 40 | | ug/L | | | 10/13/22 18:24 | 4 |
| Benzene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Bromodichloromethane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Bromoform | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Bromomethane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Carbon disulfide | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Carbon tetrachloride | ND | | 4.0 | | - | | | 10/13/22 18:24 | |
| Chlorobenzene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Dibromochloromethane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Chloroethane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Chloroform | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Chloromethane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| cis-1,2-Dichloroethene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| cis-1,3-Dichloropropene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Cyclohexane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Dichlorodifluoromethane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Ethylbenzene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| 1.2-Dibromoethane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Isopropylbenzene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Methyl acetate | ND | | 10 | | ug/L | | | 10/13/22 18:24 | 4 |
| Methyl tert-butyl ether | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Methylcyclohexane | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | 4 |
| Methylene Chloride | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Styrene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Tetrachloroethene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| Toluene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| trans-1,2-Dichloroethene | ND | | 4.0 | | ug/L | | | 10/13/22 18:24 | |
| trans-1,3-Dichloropropene | ND ND | | 4.0 | | ug/L ug/L | | | 10/13/22 18:24 | |
| Trichloroethene | ND ND | | 4.0 | | ug/L ug/L | | | 10/13/22 18:24 | • |
| Trichlorofluoromethane | | | | | ug/L ug/L | | | | |
| | ND ND | | 4.0 | | - | | | 10/13/22 18:24 10/13/22 18:24 | 4 |
| Vinyl chloride Xylenes, Total | ND ND | | 4.0 8.0 | | ug/L ug/L | | | 10/13/22 18:24 | 2 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 10/06/22 16:40

Client Sample ID: MW-38D Lab Sample ID: 480-202443-1 Date Collected: 10/06/22 12:20

Matrix: Water

| | 0/5 | | | | | | | | 5.7.5 |
|---------------------------------|--------------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| Toluene-d8 (Surr) | 101 | | 80 - 120 | | | | | 10/13/22 18:24 | 4 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 77 - 120 | | | | | 10/13/22 18:24 | 4 |
| 4-Bromofluorobenzene (Surr) | 101 | | 73 - 120 | | | | | 10/13/22 18:24 | 4 |
| Dibromofluoromethane (Surr) | 102 | | 75 - 123 | | | | | 10/13/22 18:24 | 4 |
| Method: RSK-175 - Dissolved | d Gases (GC |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 31000 | | 5000 | 1300 | ug/L | | | 10/10/22 15:27 | 1 |
| Ethane | ND | | 170 | 33 | ug/L | | | 10/09/22 19:04 | 22 |
| Ethene | ND | | 150 | 33 | ug/L | | | 10/09/22 19:04 | 22 |
| Method: RSK-175 - Dissolved | d Gases (GC) |) - DL | | | | | | | |
| Analyte | • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Methane | 20000 | <u> </u> | 440 | 110 | ug/L | | | 10/10/22 06:22 | 110 |
| Method: EPA 200.7 Rev 4.4 - | Motals (ICP) | | | | | | | | |
| Analyte | , , | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Iron | 3.4 | | 0.050 | 0.019 | mg/L | | 10/10/22 09:29 | 10/11/22 19:48 | 1 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Sulfate (MCAWW 300.0) | 8.7 | J | 10.0 | 1.7 | mg/L | | | 10/14/22 00:01 | 5 |
| Alkalinity, Total (MCAWW 310.2) | 486 | | 50.0 | 20.0 | mg/L | | | 10/11/22 13:24 | 5 |
| Nitrate as N (EPA 353.2) | 0.020 | J | 0.050 | 0.020 | mg/L | | | 10/07/22 18:24 | 1 |
| Nitrite as N (MCAWW 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 10/07/22 18:24 | 1 |
| Total Organic Carbon (SW846 | 11.2 | | 1.0 | 0.43 | mg/L | | | 10/12/22 16:40 | 1 |
| 9060A) Ferric Iron (SM 3500) | 3.1 | | 0.10 | 0.075 | mg/L | | | 10/13/22 12:27 | 1 |
| Ferrous Iron (SM 3500 FE D) | 0.30 | HE | 0.10 | 0.075 | | | | 10/07/22 16:30 | 1 |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | | mg/L | | | 10/12/22 11:06 | 1 |

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP06-S Date Collected: 10/06/22 14:05 Lab Sample ID: 480-202443-2

Matrix: Water

Date Received: 10/06/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|-----|-----|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 20 | 16 | ug/L | | | 10/13/22 18:46 | 20 |
| 1,1,2,2-Tetrachloroethane | ND | | 20 | 4.2 | ug/L | | | 10/13/22 18:46 | 20 |
| 1,1,2-Trichloroethane | ND | | 20 | 4.6 | ug/L | | | 10/13/22 18:46 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 20 | 6.2 | ug/L | | | 10/13/22 18:46 | 20 |
| 1,1-Dichloroethane | 21 | | 20 | 7.6 | ug/L | | | 10/13/22 18:46 | 20 |
| 1,1-Dichloroethene | ND | | 20 | 5.8 | ug/L | | | 10/13/22 18:46 | 20 |
| 1,2,4-Trichlorobenzene | ND | | 20 | 8.2 | ug/L | | | 10/13/22 18:46 | 20 |
| 1,2-Dibromo-3-Chloropropane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 2 |
| 1,2-Dichlorobenzene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 2 |
| 1,2-Dichloroethane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| 1,2-Dichloropropane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| 1,3-Dichlorobenzene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 2 |
| 1,4-Dichlorobenzene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| 2-Butanone (MEK) | ND | | 200 | | ug/L | | | 10/13/22 18:46 | 20 |
| 2-Hexanone | ND | | 100 | | ug/L | | | 10/13/22 18:46 | 20 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 100 | | ug/L | | | 10/13/22 18:46 | 20 |
| Acetone | ND | | 200 | | ug/L | | | 10/13/22 18:46 | 20 |
| Benzene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Bromodichloromethane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Bromoform | ND ND | | 20 | | ug/L ug/L | | | 10/13/22 18:46 | 20 |
| Bromomethane | ND ND | | | | _ | | | | |
| | | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Carbon disulfide | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Carbon tetrachloride | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 2 |
| Chlorobenzene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 2 |
| Dibromochloromethane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Chloroethane | 840 | | 20 | | ug/L | | | 10/13/22 18:46 | 2 |
| Chloroform | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 2 |
| Chloromethane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| cis-1,2-Dichloroethene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| cis-1,3-Dichloropropene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Cyclohexane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Dichlorodifluoromethane | ND | | 20 | 14 | ug/L | | | 10/13/22 18:46 | 2 |
| Ethylbenzene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | |
| 1,2-Dibromoethane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Isopropylbenzene | ND | | 20 | 16 | ug/L | | | 10/13/22 18:46 | 20 |
| Methyl acetate | ND | | 50 | | ug/L | | | 10/13/22 18:46 | 20 |
| Methyl tert-butyl ether | ND | | 20 | 3.2 | ug/L | | | 10/13/22 18:46 | 20 |
| Methylcyclohexane | ND | | 20 | 3.2 | ug/L | | | 10/13/22 18:46 | 20 |
| Methylene Chloride | ND | | 20 | 8.8 | ug/L | | | 10/13/22 18:46 | 20 |
| Styrene | ND | | 20 | 15 | ug/L | | | 10/13/22 18:46 | 20 |
| Tetrachloroethene | ND | | 20 | 7.2 | ug/L | | | 10/13/22 18:46 | 20 |
| Toluene | ND | | 20 | 10 | ug/L | | | 10/13/22 18:46 | 2 |
| trans-1,2-Dichloroethene | ND | | 20 | 18 | ug/L | | | 10/13/22 18:46 | 20 |
| trans-1,3-Dichloropropene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Trichloroethene | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Trichlorofluoromethane | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Vinyl chloride | ND | | 20 | | ug/L | | | 10/13/22 18:46 | 20 |
| Xylenes, Total | ND | | 40 | | ug/L | | | 10/13/22 18:46 | 20 |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP06-S Lab Sample ID: 480-202443-2

Date Collected: 10/06/22 14:05 **Matrix: Water** Date Received: 10/06/22 16:40

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|---------------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | | | | 10/13/22 18:46 | 20 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 77 - 120 | | | | | 10/13/22 18:46 | 20 |
| 4-Bromofluorobenzene (Surr) | 102 | | 73 - 120 | | | | | 10/13/22 18:46 | 20 |
| Dibromofluoromethane (Surr) | 101 | | 75 - 123 | | | | | 10/13/22 18:46 | 20 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 25.8 | F1 | 1.0 | 0.43 | mg/L | | | 10/16/22 15:33 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP18-S

Lab Sample ID: 480-202443-3

Matrix: Water

Date Collected: 10/06/22 09:25 Date Received: 10/06/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|-----------------|-----------|------------|------|--------------|---|----------|----------------------------------|---------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/13/22 19:08 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 19:08 | • |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/13/22 19:08 | • |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/13/22 19:08 | |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 10/13/22 19:08 | , |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/13/22 19:08 | , |
| | ND | | 5.0 | | | | | 10/13/22 19:08 | |
| 4-Methyl-2-pentanone (MIBK) | | | 10 | | ug/L ug/L | | | 10/13/22 19:08 | , |
| Acetone | 28 ND | | | | - | | | | • |
| Benzene | | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| Bromoform | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | • |
| Bromomethane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | • |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | • |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | • |
| Chloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | • |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/13/22 19:08 | |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/13/22 19:08 | • |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/13/22 19:08 | • |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/13/22 19:08 | , |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/13/22 19:08 | |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/13/22 19:08 | • |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/13/22 19:08 | , |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/13/22 19:08 | |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/13/22 19:08 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/13/22 19:08 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| Styrene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | |
| Toluene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/L ug/L | | | 10/13/22 19:08 | , |
| Trichloroethene | ND | | 1.0 | | ug/L ug/L | | | 10/13/22 19:08 | , |
| Trichlorofluoromethane | | | | | | | | | |
| | ND | | 1.0 | | ug/L | | | 10/13/22 19:08 | , |
| Vinyl chloride Xylenes, Total | ND ND | | 1.0 2.0 | | ug/L ug/L | | | 10/13/22 19:08 10/13/22 19:08 | |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP18-S

Lab Sample ID: 480-202443-3

Matrix: Water

Date Collected: 10/06/22 09:25 Date Received: 10/06/22 16:40

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Toluene-d8 (Surr) | 98 | | 80 - 120 | | | | | 10/13/22 19:08 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 77 - 120 | | | | | 10/13/22 19:08 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | | | | 10/13/22 19:08 | 1 |
| Dibromofluoromethane (Surr) | 99 | | 75 - 123 | | | | | 10/13/22 19:08 | 1 |
| - Method: RSK-175 - Dissolved | Gases (GC) |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 48000 | | 5000 | 1300 | ug/L | | | 10/10/22 15:36 | 1 |
| Ethane | ND | | 83 | 17 | ug/L | | | 10/09/22 19:23 | 11 |
| Ethene | ND | | 77 | 17 | ug/L | | | 10/09/22 19:23 | 11 |
| _ Method: RSK-175 - Dissolved | Gases (GC) |) - DL | | | | | | | |
| Analyte | • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Methane | 8000 | | 350 | 88 | ug/L | | | 10/10/22 06:41 | 88 |
| - Method: EPA 200.7 Rev 4.4 - I | Metals (ICP) | | | | | | | | |
| Analyte | , , | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Iron | 31.0 | | 0.050 | 0.019 | mg/L | | 10/10/22 09:29 | 10/11/22 19:52 | 1 |
| - General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Sulfate (MCAWW 300.0) | 29.1 | | 4.0 | 0.70 | mg/L | | | 10/14/22 00:21 | 2 |
| Alkalinity, Total (MCAWW 310.2) | 321 | | 50.0 | 20.0 | mg/L | | | 10/11/22 13:24 | 5 |
| Nitrate as N (EPA 353.2) | 0.039 | J | 0.050 | 0.020 | mg/L | | | 10/07/22 18:25 | 1 |
| Nitrite as N (MCAWW 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 10/07/22 18:25 | 1 |
| Total Organic Carbon (SW846 9060A) | 4.9 | | 1.0 | 0.43 | mg/L | | | 10/12/22 18:39 | 1 |
| Ferric Iron (SM 3500) | 30.7 | | 0.10 | 0.075 | mg/L | | | 10/13/22 12:27 | 1 |
| Ferrous Iron (SM 3500 FE D) | 0.31 | HF | 0.10 | 0.075 | | | | 10/07/22 16:30 | 1 |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | | mg/L | | | 10/12/22 11:06 | 1 |

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-37D

Lab Sample ID: 480-202443-4 Date Collected: 10/06/22 10:35

Matrix: Water

Date Received: 10/06/22 16:40

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND - | 1.0 | 0.82 | ug/L | | | 10/13/22 19:30 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 19:30 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/13/22 19:30 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/13/22 19:30 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 10/13/22 19:30 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/13/22 19:30 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 19:30 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/13/22 19:30 | |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 10/13/22 19:30 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 10/13/22 19:30 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 10/13/22 19:30 | |
| Acetone | ND | 10 | | ug/L | | | 10/13/22 19:30 | |
| Benzene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Bromoform | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Chloroform | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 10/13/22 19:30 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Styrene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Toluene | ND ND | | | ug/L ug/L | | | 10/13/22 19:30 | |
| trans-1,2-Dichloroethene | | 1.0 | | | | | 10/13/22 19:30 | |
| · | ND ND | 1.0 1.0 | | ug/L | | | 10/13/22 19:30 | |
| trans-1,3-Dichloropropene | | | | ug/L | | | | |
| Trichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Trichlorofluoromethane | ND ND | 1.0 | | ug/L | | | 10/13/22 19:30 | |
| Vinyl chloride Xylenes, Total | ND ND | 1.0 2.0 | | ug/L ug/L | | | 10/13/22 19:30 10/13/22 19:30 | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-37D Lab Sample ID: 480-202443-4

Date Collected: 10/06/22 10:35 Matrix: Water

Date Received: 10/06/22 16:40

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzed | l Dil Fac |
|------------------------------|---------------------|----------|-------------------|-----------|
| Toluene-d8 (Surr) | 98 | 80 - 120 | 10/13/22 19 | :30 1 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | 10/13/22 19 | :30 1 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - 120 | 10/13/22 19 | :30 1 |
| Dibromofluoromethane (Surr) | 100 | 75 - 123 | 10/13/22 19 | :30 1 |

| General Chemistry Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 1.8 | | 1.0 | 0.43 | mg/L | | | 10/12/22 19:08 | 1 |
| 9060A) | | | | | | | | | |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-39D

Lab Sample ID: 480-202443-5

Date Collected: 10/06/22 11:30 **Matrix: Water** Date Received: 10/06/22 16:40

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|-----------|-----|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 8.0 | 6.6 | ug/L | | | 10/13/22 19:52 | |
| 1,1,2,2-Tetrachloroethane | ND | 8.0 | 1.7 | ug/L | | | 10/13/22 19:52 | |
| 1,1,2-Trichloroethane | ND | 8.0 | 1.8 | ug/L | | | 10/13/22 19:52 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 8.0 | 2.5 | ug/L | | | 10/13/22 19:52 | |
| 1,1-Dichloroethane | ND | 8.0 | 3.0 | ug/L | | | 10/13/22 19:52 | |
| 1,1-Dichloroethene | ND | 8.0 | 2.3 | ug/L | | | 10/13/22 19:52 | |
| 1,2,4-Trichlorobenzene | ND | 8.0 | 3.3 | ug/L | | | 10/13/22 19:52 | |
| 1,2-Dibromo-3-Chloropropane | ND | 8.0 | 3.1 | ug/L | | | 10/13/22 19:52 | |
| 1,2-Dichlorobenzene | ND | 8.0 | 6.3 | ug/L | | | 10/13/22 19:52 | |
| 1,2-Dichloroethane | ND | 8.0 | 1.7 | ug/L | | | 10/13/22 19:52 | |
| 1,2-Dichloropropane | ND | 8.0 | 5.8 | ug/L | | | 10/13/22 19:52 | |
| 1,3-Dichlorobenzene | ND | 8.0 | 6.2 | ug/L | | | 10/13/22 19:52 | |
| 1,4-Dichlorobenzene | ND | 8.0 | 6.7 | ug/L | | | 10/13/22 19:52 | |
| 2-Butanone (MEK) | 15 J | 80 | 11 | ug/L | | | 10/13/22 19:52 | |
| 2-Hexanone | 110 | 40 | | ug/L | | | 10/13/22 19:52 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 40 | | ug/L | | | 10/13/22 19:52 | |
| Acetone | 54 J | 80 | | ug/L | | | 10/13/22 19:52 | |
| Benzene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Bromodichloromethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Bromoform | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| 3romomethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Carbon disulfide | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Carbon tetrachloride | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Chlorobenzene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Dibromochloromethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Chloroethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Chloroform | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Chloromethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| cis-1,2-Dichloroethene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| cis-1,3-Dichloropropene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Cyclohexane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Dichlorodifluoromethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Ethylbenzene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| 1,2-Dibromoethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| sopropylbenzene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Methyl acetate | ND | 20 | | ug/L | | | 10/13/22 19:52 | |
| Methyl tert-butyl ether | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Methylcyclohexane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Methylene Chloride | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Styrene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Tetrachloroethene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Foluene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| rans-1,2-Dichloroethene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| rans-1,3-Dichloropropene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Frichloroethene | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| Frichlorofluoromethane | ND | 8.0 | | ug/L | | | 10/13/22 19:52 | |
| /inyl chloride | ND ND | 8.0 | | ug/L ug/L | | | 10/13/22 19:52 | |
| Viriyi chloride Xylenes, Total | ND ND | 6.0 16 | | ug/L ug/L | | | 10/13/22 19:52 | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-39D Lab Sample ID: 480-202443-5

Date Collected: 10/06/22 11:30 Matrix: Water

Date Received: 10/06/22 16:40

| Surrogate | %Recovery 0 | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | | | 80 - 120 | | 10/13/22 19:52 | 8 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 77 - 120 | | 10/13/22 19:52 | 8 |
| 4-Bromofluorobenzene (Surr) | 99 | | 73 - 120 | | 10/13/22 19:52 | 8 |
| Dibromofluoromethane (Surr) | 101 | | 75 - 123 | | 10/13/22 19:52 | 8 |

| General Chemistry Analyte | Result Qua | alifier RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|------------|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 53.9 | 1.0 | 0.43 | mg/L | | | 10/12/22 19:39 | 1 |
| 9060A) | | | | | | | | |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP02-S Date Collected: 10/06/22 13:15

Lab Sample ID: 480-202443-6

Matrix: Water

Date Received: 10/06/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|----------|-----------|----------|-----|------|---|----------|----------------------------------|----------|
| 1,1,1-Trichloroethane | ND | | 25 | 21 | ug/L | | | 10/13/22 20:14 | 2 |
| 1,1,2,2-Tetrachloroethane | ND | | 25 | 5.3 | ug/L | | | 10/13/22 20:14 | 25 |
| 1,1,2-Trichloroethane | ND | | 25 | 5.8 | ug/L | | | 10/13/22 20:14 | 25 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 25 | 7.8 | ug/L | | | 10/13/22 20:14 | 25 |
| 1,1-Dichloroethane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,1-Dichloroethene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,2,4-Trichlorobenzene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,2-Dibromo-3-Chloropropane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,2-Dichlorobenzene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,2-Dichloroethane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,2-Dichloropropane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,3-Dichlorobenzene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1,4-Dichlorobenzene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 2-Butanone (MEK) | ND | | 250 | | ug/L | | | 10/13/22 20:14 | 25 |
| 2-Hexanone | ND | | 130 | | ug/L | | | 10/13/22 20:14 | 25 |
| | ND | | | | | | | 10/13/22 20:14 | |
| 4-Methyl-2-pentanone (MIBK) | | | 130 | | ug/L | | | | 25 |
| Acetone | ND | | 250 | | ug/L | | | 10/13/22 20:14 | 25 |
| Benzene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Bromodichloromethane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Bromoform | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Bromomethane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Carbon disulfide | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Carbon tetrachloride | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Chlorobenzene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Dibromochloromethane | ND | | 25 | 8.0 | ug/L | | | 10/13/22 20:14 | 25 |
| Chloroethane | ND | | 25 | 8.0 | ug/L | | | 10/13/22 20:14 | 25 |
| Chloroform | ND | | 25 | 8.5 | ug/L | | | 10/13/22 20:14 | 25 |
| Chloromethane | ND | | 25 | 8.8 | ug/L | | | 10/13/22 20:14 | 25 |
| cis-1,2-Dichloroethene | 5400 | E | 25 | 20 | ug/L | | | 10/13/22 20:14 | 25 |
| cis-1,3-Dichloropropene | ND | | 25 | 9.0 | ug/L | | | 10/13/22 20:14 | 25 |
| Cyclohexane | ND | | 25 | 4.5 | ug/L | | | 10/13/22 20:14 | 25 |
| Dichlorodifluoromethane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Ethylbenzene | 53 | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| 1.2-Dibromoethane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Isopropylbenzene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Methyl acetate | ND | | 63 | | ug/L | | | 10/13/22 20:14 | 25 |
| Methyl tert-butyl ether | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Methylcyclohexane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Methylene Chloride | ND | | 25 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Styrene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| | | | | | | | | | |
| Tetrachloroethene Toluene | ND ND | | 25 25 | | ug/L | | | 10/13/22 20:14 10/13/22 20:14 | 25 25 |
| | | | | | ug/L | | | | |
| trans-1,2-Dichloroethene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| trans-1,3-Dichloropropene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Trichloroethene | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Trichlorofluoromethane | ND | | 25 | | ug/L | | | 10/13/22 20:14 | 25 |
| Vinyl chloride | 3600 | E | 25 | 23 | ug/L | | | 10/13/22 20:14 | 25 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP02-S Lab Sample ID: 480-202443-6

Date Collected: 10/06/22 13:15 Matrix: Water

Date Received: 10/06/22 15:15 Matrix: Water

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 97 | 80 - 120 | | 10/13/22 20:14 | 25 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | | 10/13/22 20:14 | 25 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - 120 | | 10/13/22 20:14 | 25 |
| Dibromofluoromethane (Surr) | 100 | 75 - 123 | | 10/13/22 20:14 | 25 |

| | 700 | | 70-720 | | | | | 10, 10, 22 20.14 | 20 |
|---|------|--------------------|------------------|-------------|------|----------|-----------|------------------|---------|
| Method: SW846 8260C - Volati Analyte | | Compound Qualifier | s by GC/MS RL | - DL MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1,1-Trichloroethane | ND | | 100 | | ug/L | <u>-</u> | · ropurou | 10/14/22 16:43 | 100 |
| 1,1,2,2-Tetrachloroethane | ND | | 100 | | _ | | | 10/14/22 16:43 | 100 |
| 1,1,2-Trichloroethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,1-Dichloroethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,1-Dichloroethene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,2,4-Trichlorobenzene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,2-Dibromo-3-Chloropropane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,2-Dichlorobenzene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,2-Dichloroethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,2-Dichloropropane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,3-Dichlorobenzene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,4-Dichlorobenzene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 2-Butanone (MEK) | ND | | 1000 | | ug/L | | | 10/14/22 16:43 | 100 |
| 2-Hexanone | ND | | 500 | | ug/L | | | 10/14/22 16:43 | 100 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 500 | | ug/L | | | 10/14/22 16:43 | 100 |
| Acetone | ND | *+ | 1000 | | ug/L | | | 10/14/22 16:43 | 100 |
| Benzene | ND | | 100 | 41 | ug/L | | | 10/14/22 16:43 | 100 |
| Bromodichloromethane | ND | | 100 | 39 | ug/L | | | 10/14/22 16:43 | 100 |
| Bromoform | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Bromomethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Carbon disulfide | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Carbon tetrachloride | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Chlorobenzene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Dibromochloromethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Chloroethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Chloroform | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Chloromethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| cis-1,2-Dichloroethene | 5100 | | 100 | | _ | | | 10/14/22 16:43 | 100 |
| cis-1,3-Dichloropropene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Cyclohexane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Dichlorodifluoromethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Ethylbenzene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| 1,2-Dibromoethane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Isopropylbenzene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Methyl acetate | ND | | 250 | | ug/L | | | 10/14/22 16:43 | 100 |
| Methyl tert-butyl ether | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Methylcyclohexane | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Methylene Chloride | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Styrene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Tetrachloroethene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| Toluene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |
| trans-1,2-Dichloroethene | ND | | 100 | | ug/L | | | 10/14/22 16:43 | 100 |

Eurofins Buffalo

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10

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Total Organic Carbon (SW846

9060A)

Client Sample ID: A1-GP02-S Lab Sample ID: 480-202443-6

Date Collected: 10/06/22 13:15 **Matrix: Water** Date Received: 10/06/22 16:40

| Method: SW846 8260C - Vo | latile Organic | Compound | ds by GC/MS | - DL (C | ontinued | i) | | | |
|------------------------------|----------------|-----------|-------------|---------|----------|----|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| trans-1,3-Dichloropropene | ND | | 100 | 37 | ug/L | | | 10/14/22 16:43 | 100 |
| Trichloroethene | ND | | 100 | 46 | ug/L | | | 10/14/22 16:43 | 100 |
| Trichlorofluoromethane | ND | | 100 | 88 | ug/L | | | 10/14/22 16:43 | 100 |
| Vinyl chloride | 3400 | | 100 | 90 | ug/L | | | 10/14/22 16:43 | 100 |
| Xylenes, Total | ND | | 200 | 66 | ug/L | | | 10/14/22 16:43 | 100 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| Toluene-d8 (Surr) | 102 | | 80 - 120 | | | = | | 10/14/22 16:43 | 100 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 77 - 120 | | | | | 10/14/22 16:43 | 100 |
| 4-Bromofluorobenzene (Surr) | 98 | | 73 - 120 | | | | | 10/14/22 16:43 | 100 |
| Dibromofluoromethane (Surr) | 102 | | 75 - 123 | | | | | 10/14/22 16:43 | 100 |
| _ General Chemistry | | | | | | | | | |
| Analyte | Posult | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

1.0

0.43 mg/L

7.1

Analyzed 10/12/22 21:37

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP15-S

Lab Sample ID: 480-202443-7

Matrix: Water

Date Collected: 10/06/22 15:00
Date Received: 10/06/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|----------|-----------|-----|------|--------------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/11/22 07:02 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/11/22 07:02 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/11/22 07:02 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/11/22 07:02 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/11/22 07:02 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/11/22 07:02 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/11/22 07:02 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | , |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 10/11/22 07:02 | |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/11/22 07:02 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 10/11/22 07:02 | |
| Acetone | ND | | 10 | | ug/L | | | 10/11/22 07:02 | |
| Benzene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | , |
| Bromoform | ND ND | | 1.0 | | ug/L ug/L | | | 10/11/22 07:02 | , |
| Bromomethane | ND | | 1.0 | | - | | | 10/11/22 07:02 | , |
| Carbon disulfide | ND | | 1.0 | | ug/L ug/L | | | 10/11/22 07:02 | , |
| Carbon tetrachloride | ND ND | | 1.0 | | ug/L ug/L | | | 10/11/22 07:02 | |
| | ND ND | | | | _ | | | | |
| Chlorobenzene Dibromochloromethane | | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | , |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | , |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | , |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | • |
| Isopropylbenzene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | • |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/11/22 07:02 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | • |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/11/22 07:02 | , |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | 1 |
| Styrene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | • |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/11/22 07:02 | • |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/11/22 07:02 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/11/22 07:02 | • |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/11/22 07:02 | |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/11/22 07:02 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/11/22 07:02 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/11/22 07:02 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/11/22 07:02 | |

Eurofins Buffalo

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP15-S Lab Sample ID: 480-202443-7

Date Collected: 10/06/22 15:00 Date Received: 10/06/22 16:40

Total Organic Carbon (SW846

9060A)

Matrix: Water

| Surrogate | %Recovery Qualifi | er Limits | | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------------|-----------|----------|------------|----------------|---------|
| Toluene-d8 (Surr) | 101 | 80 - 120 | | | 10/11/22 07:02 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 110 | 77 - 120 | | | 10/11/22 07:02 | 1 |
| 4-Bromofluorobenzene (Surr) | 110 | 73 - 120 | | | 10/11/22 07:02 | 1 |
| Dibromofluoromethane (Surr) | 115 | 75 - 123 | | | 10/11/22 07:02 | 1 |
| General Chemistry | Result Qualifi | er RL | MDL Unit | D Prepared | Analyzed | Dil Fac |

1.0

2.8

 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 0.43
 mg/L
 10/12/22 22:37
 1

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-1

Lab Sample ID: 480-202482-1

Matrix: Water

Date Collected: 10/07/22 08:00 Date Received: 10/07/22 14:50

| Analyte | Result | Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|-------------------------------------|----------|-----------|------------|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/13/22 02:57 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 02:57 | |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/13/22 02:57 | |
| 1,1,2-Trichloro-1,2,2-trifluoroetha | 1.8 | | 1.0 | 0.31 | ug/L | | | 10/13/22 02:57 | |
| ne | | | | | | | | | |
| 1,1-Dichloroethane | 0.54 | J | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/13/22 02:57 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/13/22 02:57 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/13/22 02:57 | |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/13/22 02:57 | |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/13/22 02:57 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/13/22 02:57 | |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/13/22 02:57 | |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/13/22 02:57 | |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/13/22 02:57 | |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/13/22 02:57 | |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/13/22 02:57 | |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Chloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| cis-1,2-Dichloroethene | 0.93 | J | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| 1.2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Isopropylbenzene | ND | | 1.0 | 0.79 | - | | | 10/13/22 02:57 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/13/22 02:57 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| | ND | | | | . | | | | |
| Styrene Tetrachloroethene | ND ND | | 1.0 1.0 | | ug/L | | | 10/13/22 02:57 | |
| | | | | | ug/L | | | 10/13/22 02:57 | |
| Toluene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| trans-1,3-Dichloropropene | ND | _ | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Trichloroethene | 0.52 | J | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 10/13/22 02:57 | |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/13/22 02:57 | |

Eurofins Buffalo

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-1 Lab Sample ID: 480-202482-1

Matrix: Water

Date Collected: 10/07/22 08:00 Date Received: 10/07/22 14:50

| Surrogate | %Recovery Qualifie | r Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 99 | 80 - 120 | | 10/13/22 02:57 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 99 | 77 - 120 | | 10/13/22 02:57 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | | 10/13/22 02:57 | 1 |
| Dibromofluoromethane (Surr) | 96 | 75 - 123 | | 10/13/22 02:57 | 1 |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-2 Lab Sample ID: 480-202482-2

Date Collected: 10/07/22 07:40 Matrix: Water Date Received: 10/07/22 14:50

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|------------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,1-Dichloroethane | 2.1 | 1.0 | 0.38 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 10/13/22 03:20 | 1 |
| 2-Butanone (MEK) | ND | 10 | 1.3 | ug/L | | | 10/13/22 03:20 | 1 |
| 2-Hexanone | ND | 5.0 | 1.2 | ug/L | | | 10/13/22 03:20 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 | ug/L | | | 10/13/22 03:20 | 1 |
| Acetone | ND | 10 | 3.0 | ug/L | | | 10/13/22 03:20 | 1 |
| Benzene | ND | 1.0 | 0.41 | ug/L | | | 10/13/22 03:20 | 1 |
| Bromodichloromethane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 03:20 | 1 |
| Bromoform | ND | 1.0 | 0.26 | ug/L | | | 10/13/22 03:20 | 1 |
| Bromomethane | ND | 1.0 | 0.69 | ug/L | | | 10/13/22 03:20 | 1 |
| Carbon disulfide | ND | 1.0 | 0.19 | ug/L | | | 10/13/22 03:20 | 1 |
| Carbon tetrachloride | ND | 1.0 | 0.27 | ug/L | | | 10/13/22 03:20 | 1 |
| Chlorobenzene | ND | 1.0 | 0.75 | ug/L | | | 10/13/22 03:20 | 1 |
| Dibromochloromethane | ND | 1.0 | 0.32 | ug/L | | | 10/13/22 03:20 | 1 |
| Chloroethane | 4.7 | 1.0 | 0.32 | ug/L | | | 10/13/22 03:20 | 1 |
| Chloroform | ND | 1.0 | 0.34 | ug/L | | | 10/13/22 03:20 | 1 |
| Chloromethane | ND | 1.0 | 0.35 | ug/L | | | 10/13/22 03:20 | 1 |
| cis-1,2-Dichloroethene | 9.9 | 1.0 | 0.81 | ug/L | | | 10/13/22 03:20 | 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | 0.36 | ug/L | | | 10/13/22 03:20 | 1 |
| Cyclohexane | ND | 1.0 | 0.18 | ug/L | | | 10/13/22 03:20 | 1 |
| Dichlorodifluoromethane | ND | 1.0 | 0.68 | ug/L | | | 10/13/22 03:20 | 1 |
| Ethylbenzene | ND | 1.0 | 0.74 | ug/L | | | 10/13/22 03:20 | 1 |
| 1,2-Dibromoethane | ND | 1.0 | 0.73 | ug/L | | | 10/13/22 03:20 | 1 |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Methyl acetate | ND | 2.5 | 1.3 | ug/L | | | 10/13/22 03:20 | 1 |
| Methyl tert-butyl ether | ND | 1.0 | 0.16 | ug/L | | | 10/13/22 03:20 | 1 |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Styrene | ND | 1.0 | 0.73 | ug/L | | | 10/13/22 03:20 | 1 |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Toluene | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Trichloroethene | 4.9 | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Vinyl chloride | 1.6 | 1.0 | | ug/L | | | 10/13/22 03:20 | 1 |
| Xylenes, Total | ND | 2.0 | 0.66 | _ | | | 10/13/22 03:20 | 1 |

Eurofins Buffalo

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-2 Lab Sample ID: 480-202482-2

Matrix: Water

Date Collected: 10/07/22 07:40 Date Received: 10/07/22 14:50

| Surrogate | | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|--------------------|-------------|-----------|-----------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | | | | 80 - 120 | _ | | 10/13/22 03:20 | 1 |
| 1,2-Dichloroethane | e-d4 (Surr) | 103 | | 77 - 120 | | | 10/13/22 03:20 | 1 |
| 4-Bromofluoroben: | zene (Surr) | 101 | | 73 - 120 | | | 10/13/22 03:20 | 1 |
| Dibromofluorometi | hane (Surr) | 96 | | 75 - 123 | | | 10/13/22 03:20 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-3 Lab Sample ID: 480-202482-3

Date Collected: 10/07/22 06:40 Matrix: Water

Date Received: 10/07/22 14:50

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

| Analyte | Result Qu | ıalifier RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|-------------|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 10/13/22 03:43 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 03:43 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/13/22 03:43 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/13/22 03:43 | |
| 1,1-Dichloroethane | 1.0 | 1.0 | 0.38 | ug/L | | | 10/13/22 03:43 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/13/22 03:43 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 03:43 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/13/22 03:43 | |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 10/13/22 03:43 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 10/13/22 03:43 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 10/13/22 03:43 | |
| Acetone | 4.5 J | 10 | | ug/L | | | 10/13/22 03:43 | |
| Benzene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Bromoform | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Carbon disumde Carbon tetrachloride | ND | 1.0 | | ug/L ug/L | | | 10/13/22 03:43 | |
| Chlorobenzene | ND ND | 1.0 | | ug/L ug/L | | | 10/13/22 03:43 | |
| Dibromochloromethane | ND | 1.0 | | ug/L ug/L | | | 10/13/22 03:43 | |
| Chloroethane | | 1.0 | | ug/L ug/L | | | 10/13/22 03:43 | |
| Chloroform | 2.7 ND | 1.0 | | • | | | 10/13/22 03:43 | |
| Chloromethane | | | | ug/L | | | | |
| | ND ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| cis-1,2-Dichloroethene | ND ND | 1.0 1.0 | | ug/L | | | 10/13/22 03:43 | |
| cis-1,3-Dichloropropene | | | | ug/L | | | 10/13/22 03:43 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 10/13/22 03:43 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Styrene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Toluene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/13/22 03:43 | |
| Trichloroethene | ND | 1.0 | 0.46 | ug/L | | | 10/13/22 03:43 | |
| Trichlorofluoromethane | ND | 1.0 | 0.88 | ug/L | | | 10/13/22 03:43 | |
| Vinyl chloride | ND | 1.0 | 0.90 | ug/L | | | 10/13/22 03:43 | |
| Xylenes, Total | ND | 2.0 | 0.66 | ug/L | | | 10/13/22 03:43 | |

Eurofins Buffalo

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-3 Lab Sample ID: 480-202482-3 Date Collected: 10/07/22 06:40

Matrix: Water

Date Received: 10/07/22 14:50

| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 98 | | 80 - 120 | _ | | 10/13/22 03:43 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 77 - 120 | | | 10/13/22 03:43 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | | 10/13/22 03:43 | 1 |
| Dibromofluoromethane (Surr) | 98 | | 75 - 123 | | | 10/13/22 03:43 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-4 Lab Sample ID: 480-202482-4

Date Collected: 10/07/22 07:00 **Matrix: Water** Date Received: 10/07/22 14:50

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------------|------------|--------|--------------|---|----------|----------------------------------|---------------------------------------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 10/13/22 04:06 | 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 10/13/22 04:06 | 1 |
| 2-Butanone (MEK) | ND | 10 | 1.3 | ug/L | | | 10/13/22 04:06 | 1 |
| 2-Hexanone | ND | 5.0 | 1.2 | ug/L | | | 10/13/22 04:06 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Acetone | ND | 10 | | ug/L | | | 10/13/22 04:06 | 1 |
| Benzene | ND | 1.0 | 0.41 | ug/L | | | 10/13/22 04:06 | 1 |
| Bromodichloromethane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 04:06 | 1 |
| Bromoform | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Bromomethane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Chloroethane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Chloroform | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Chloromethane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Cyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Methyl acetate | ND | 2.5 | | ug/L | | | 10/13/22 04:06 | 1 |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | · · · · · · · · · · · · · · · · · · · |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Styrene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | · · · · · · · · · · · · · · · · · · · |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| Toluene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | 1 |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | ······່ |
| trans-1,3-Dichloropropene | ND ND | 1.0 | | ug/L ug/L | | | 10/13/22 04:06 | 1 |
| Trichloroethene | ND ND | | | - | | | | 1 |
| HIGHOLOGUIGHE | ND | 1.0 | | ug/L | | | 10/13/22 04:06 | |
| Trichlorofluoromothess | ND | 4 ^ | \cap | | | | 10/12/22 01.00 | |
| Trichlorofluoromethane Vinyl chloride | ND ND | 1.0 1.0 | | ug/L ug/L | | | 10/13/22 04:06 10/13/22 04:06 | 1 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-4 Lab Sample ID: 480-202482-4

Matrix: Water

Date Collected: 10/07/22 07:00
Date Received: 10/07/22 14:50

| Surrogate | %Recovery Qu | ualifier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------|-----------------|----------|----------------|---------|
| Toluene-d8 (Surr) | 98 | 80 - 120 | | 10/13/22 04:06 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 102 | 77 - 120 | | 10/13/22 04:06 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | | 10/13/22 04:06 | 1 |
| Dibromofluoromethane (Surr) | 98 | 75 - 123 | | 10/13/22 04:06 | 1 |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-E Lab Sample ID: 480-202482-5

Date Collected: 10/07/22 07:10 Matrix: Water

Date Received: 10/07/22 14:50

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|--|----------|-----------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | - | 10/13/22 04:29 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 04:29 | |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/13/22 04:29 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/13/22 04:29 | |
| 1,1-Dichloroethane | 1.6 | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/13/22 04:29 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 10/13/22 04:29 | |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/13/22 04:29 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 10/13/22 04:29 | |
| Acetone | 3.7 | J | 10 | | ug/L | | | 10/13/22 04:29 | |
| Benzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Bromoform | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Bromomethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Chloroethane | 3.4 | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Chloroform | ND. | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Isopropylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/13/22 04:29 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Styrene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Toluene | ND ND | | 1.0 | | ug/L ug/L | | | 10/13/22 04:29 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| trans-1,3-Dichloropropene | ND ND | | 1.0 | | ug/L ug/L | | | 10/13/22 04:29 | |
| trans-1,3-Dichloropropene Trichloroethene | ND ND | | 1.0 | | - | | | 10/13/22 04:29 | |
| Trichlorofluoromethane | | | | | ug/L | | | | |
| | ND | | 1.0 | | ug/L | | | 10/13/22 04:29 | |
| Vinyl chloride Xylenes, Total | ND ND | | 1.0 2.0 | | ug/L ug/L | | | 10/13/22 04:29 10/13/22 04:29 | |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-E Lab Sample ID: 480-202482-5 Date Collected: 10/07/22 07:10

Matrix: Water

Date Received: 10/07/22 14:50

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 102 | 80 - 120 | | 10/13/22 04:29 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 103 | 77 - 120 | | 10/13/22 04:29 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - 120 | | 10/13/22 04:29 | 1 |
| Dibromofluoromethane (Surr) | 98 | 75 - 123 | | 10/13/22 04:29 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-5 Lab Sample ID: 480-202482-6

Date Collected: 10/07/22 08:20 Matrix: Water Date Received: 10/07/22 14:50

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|----------|-----------|-----|------|--------------|---|----------|----------------|---------------------------------------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/13/22 04:52 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 04:52 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/13/22 04:52 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroetha ne | 1.1 | | 1.0 | 0.31 | ug/L | | | 10/13/22 04:52 | 1 |
| 1,1-Dichloroethane | 0.55 | a. | 1.0 | 0.38 | ug/L | | | 10/13/22 04:52 | 1 |
| 1.1-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | · · · · · · · · · · · · · · · · · · · |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L ug/L | | | 10/13/22 04:52 | · · · · · · · · · · · · · · · · · · · |
| | ND ND | | 1.0 | | - | | | 10/13/22 04:52 | |
| 2-Butanone (MEK) | | | | | ug/L | | | | 1 |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Acetone | ND | | 10 | | ug/L | | | 10/13/22 04:52 | 1 |
| Benzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Bromoform | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Bromomethane | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/13/22 04:52 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/13/22 04:52 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/13/22 04:52 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/13/22 04:52 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/13/22 04:52 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/13/22 04:52 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/13/22 04:52 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/13/22 04:52 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/13/22 04:52 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/13/22 04:52 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/13/22 04:52 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Styrene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Toluene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | · · · · · · · · · · · · · · · · · · · |
| trans-1,3-Dichloropropene | ND | | | | ug/L ug/L | | | 10/13/22 04:52 | |
| | | | 1.0 | | • | | | 10/13/22 04:52 | 1 |
| Trichloroethene Trichlorofluoromethane | 0.48 | | 1.0 | | ug/L | | | | 1 |
| | ND | | 1.0 | | ug/L | | | 10/13/22 04:52 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/13/22 04:52 | 1 |

Eurofins Buffalo

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-5 Lab Sample ID: 480-202482-6

Date Collected: 10/07/22 08:20

Matrix: Water

Date Received: 10/07/22 14:50

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzed | Dil Fac |
|------------------------------|---------------------|----------|-------------------|---------|
| Toluene-d8 (Surr) | 102 | 80 - 120 | 10/13/22 04:52 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | 77 - 120 | 10/13/22 04:52 | 1 |
| 4-Bromofluorobenzene (Surr) | 101 | 73 - 120 | 10/13/22 04:52 | 1 |
| Dibromofluoromethane (Surr) | 95 | 75 - 123 | 10/13/22 04:52 | 1 |
| | | | | |

| General Chemistry Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 5.1 | | 1.0 | 0.43 | mg/L | | | 10/14/22 16:19 | 1 |
| 9060A) | | | | | | | | | |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-6

Lab Sample ID: 480-202482-7 Date Collected: 10/07/22 08:40

Matrix: Water

Date Received: 10/07/22 14:50

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|-----|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/13/22 05:15 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/13/22 05:15 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/13/22 05:15 | |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/13/22 05:15 | |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/13/22 05:15 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/13/22 05:15 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/13/22 05:15 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/13/22 05:15 | |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 05:15 | |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/13/22 05:15 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/13/22 05:15 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/13/22 05:15 | |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 10/13/22 05:15 | |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/13/22 05:15 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/13/22 05:15 | |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/13/22 05:15 | |
| Benzene | ND | | 1.0 | 0.41 | - | | | 10/13/22 05:15 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Bromoform | ND | | 1.0 | 0.26 | - | | | 10/13/22 05:15 | |
| Bromomethane | ND | | 1.0 | 0.69 | - | | | 10/13/22 05:15 | |
| Carbon disulfide | 0.39 | | 1.0 | 0.19 | ug/L | | | 10/13/22 05:15 | |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | - | | | 10/13/22 05:15 | |
| Chlorobenzene | ND | | 1.0 | 0.75 | - | | | 10/13/22 05:15 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Chloroethane | ND | | 1.0 | 0.32 | _ | | | 10/13/22 05:15 | |
| Chloroform | ND | | 1.0 | 0.34 | - | | | 10/13/22 05:15 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| sis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | - | | | 10/13/22 05:15 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | - | | | 10/13/22 05:15 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | - | | | 10/13/22 05:15 | |
| Ethylbenzene | ND | | 1.0 | 0.74 | _ | | | 10/13/22 05:15 | |
| 1.2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| sopropylbenzene | ND | | 1.0 | 0.79 | - | | | 10/13/22 05:15 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/13/22 05:15 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Styrene | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Toluene | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| rans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| rans-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/13/22 05:15 | |
| Frichloroethene | ND ND | | 1.0 | | ug/L ug/L | | | 10/13/22 05:15 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L ug/L | | | 10/13/22 05:15 | |
| Vinyl chloride | ND ND | | 1.0 | | ug/L ug/L | | | 10/13/22 05:15 | |
| Viriyi chloride Xylenes, Total | ND ND | | 2.0 | | ug/L ug/L | | | 10/13/22 05:15 | |

Eurofins Buffalo

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-6 Lab Sample ID: 480-202482-7

Date Collected: 10/07/22 08:40 **Matrix: Water** Date Received: 10/07/22 14:50

| Surrogate | %Recovery | Qualifier | Limits | Prepared Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|-------------------|---------|
| Toluene-d8 (Surr) | 98 | | 80 - 120 | 10/13/22 05:15 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 77 - 120 | 10/13/22 05:15 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | 10/13/22 05:15 | 1 |
| Dibromofluoromethane (Surr) | 96 | | 75 - 123 | 10/13/22 05:15 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: DUPLICATE

Lab Sample ID: 480-202482-8 Date Collected: 10/07/22 08:00

Matrix: Water

Date Received: 10/07/22 14:50

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|----------|-----------|-----|------|--------------|---|----------|----------------|---------------------------------------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/13/22 05:38 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 05:38 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/13/22 05:38 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/13/22 05:38 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/13/22 05:38 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/13/22 05:38 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/13/22 05:38 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | _ | | | 10/13/22 05:38 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 10/13/22 05:38 | 1 |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 10/13/22 05:38 | · · · · · · · · · · · · · · · · · · · |
| Acetone | ND | | 10 | | ug/L | | | 10/13/22 05:38 | 1 |
| Benzene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | · · · · · · · · · · · · · · · · · · · |
| Bromoform | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Bromomethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Carbon disulfide | ND | | 1.0 | | ug/L ug/L | | | 10/13/22 05:38 | |
| Carbon disulide Carbon tetrachloride | ND ND | | 1.0 | | ug/L ug/L | | | 10/13/22 05:38 | |
| | ND ND | | | | - | | | | 1 |
| Chlorobenzene | | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/13/22 05:38 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/13/22 05:38 | 1 |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/13/22 05:38 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/13/22 05:38 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/13/22 05:38 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/13/22 05:38 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/13/22 05:38 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/13/22 05:38 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/13/22 05:38 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/13/22 05:38 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/13/22 05:38 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/13/22 05:38 | 1 |

Eurofins Buffalo

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 10/07/22 14:50

Client Sample ID: DUPLICATE Lab Sample ID: 480-202482-8

Date Collected: 10/07/22 08:00

| Surrogate | %Recovery Qua | alifier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------|----------------|----------|----------------|---------|
| Toluene-d8 (Surr) | 99 | 80 - 120 | | 10/13/22 05:38 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | | 10/13/22 05:38 | 1 |
| 4-Bromofluorobenzene (Surr) | 96 | 73 - 120 | | 10/13/22 05:38 | 1 |
| Dibromofluoromethane (Surr) | 99 | 75 - 123 | | 10/13/22 05:38 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35D

Lab Sample ID: 480-202482-9 Date Collected: 10/07/22 08:45

Matrix: Water Date Received: 10/07/22 14:50

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 10/13/22 06:01 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 06:01 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/13/22 06:01 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/13/22 06:01 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 10/13/22 06:01 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/13/22 06:01 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 06:01 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/13/22 06:01 | |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 10/13/22 06:01 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 10/13/22 06:01 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 10/13/22 06:01 | |
| Acetone | ND | 10 | | ug/L | | | 10/13/22 06:01 | |
| Benzene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Bromoform | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Chloroform | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 10/13/22 06:01 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Methylene Chloride | ND ND | 1.0 | | ug/L ug/L | | | 10/13/22 06:01 | |
| | ND | 1.0 | | ug/L ug/L | | | 10/13/22 06:01 | |
| Styrene Tetrachloroethene | | | | | | | | |
| Toluene | ND ND | 1.0 | | ug/L ug/L | | | 10/13/22 06:01 10/13/22 06:01 | |
| | | 1.0 | | | | | | |
| trans-1,2-Dichloroethene | ND ND | 1.0 | | ug/L | | | 10/13/22 06:01 10/13/22 06:01 | |
| trans-1,3-Dichloropropene | ND ND | 1.0 | | ug/L | | | | |
| Trichloroftuaramethona | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 10/13/22 06:01 | |
| Vinyl chloride Xylenes, Total | ND ND | 1.0 2.0 | | ug/L ug/L | | | 10/13/22 06:01 10/13/22 06:01 | |

Eurofins Buffalo

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35D

Date Received: 10/07/22 14:50

Sulfide (SM 4500 S2 F)

Lab Sample ID: 480-202482-9 Date Collected: 10/07/22 08:45

Matrix: Water

| 1,2-Dichloroethane-d4 (Surr) 96 77 - 120 10/13/22 06:01 4-Bromofluorobenzene (Surr) 99 73 - 120 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 06:01 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 94 75 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 94 75 10/13/22 12:00 Dibromofluoromethane (Surr) 93 75 - 123 10/13/22 12:00 Dibromofluoromethane (Surr) 94 75 10/13/22 12:00 Dibromofluoromethane (Surr) 94 75 10/13/22 12:00 Dibromofluoromethane (Surr) 95 75 10/13/22 12:00 Dibromofluoromethane (Surr) 95 75 10/13/22 12:00 Dibromofluoromethane (Surr) 95 75 10/13/22 12:00 Dibromofluoromethane (Surr) 95 75 10/13/22 12:00 Dibromofluoromethane (Surr) 95 75 10/13/22 12:00 Dibromofluoromethane (Surr) 95 75 10/13/22 12:00 Dibromofluoromethane (Surr) 95 75 10/13/22 12:00 Dibromofluoromethane | Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
|---|---------------------------------------|--------------|-----------|----------|-------|------|---------------|----------------|----------------|---------|
| ### A-Bromofluorobenzene (Surr) ### Dibromofluoromethane (Surr) ### Dibromofluoromethane (Surr) ### Dibromofluoromethane (Surr) ### Dibromofluoromethane (Surr) ### Method: RSK-175 - Dissolved Gases (GC) ### Analyte Result Qualifier RL MDL Unit Unit Unit Unit Unit Unit Unit Unit | Toluene-d8 (Surr) | 97 | | 80 - 120 | | | | | 10/13/22 06:01 | |
| Method: RSK-175 - Dissolved Gases (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa | 1,2-Dichloroethane-d4 (Surr) | 96 | | 77 - 120 | | | | | 10/13/22 06:01 | |
| Method: RSK-175 - Dissolved Gases (GC) Result Carbon dioxide Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Dil Fa Carbon dioxide 34000 5000 1300 ug/L 10/13/22 12:06 10/13/22 12:06 10/13/22 12:06 10/19/22 19:42 10/19/22 19:42 10/10/9/22 19:42 | 4-Bromofluorobenzene (Surr) | 99 | | 73 - 120 | | | | | 10/13/22 06:01 | |
| Analyte | Dibromofluoromethane (Surr) | 93 | | 75 - 123 | | | | | 10/13/22 06:01 | |
| Carbon dioxide 34000 5000 1300 ug/L 10/13/22 12:06 Ethane ND 7.5 1.5 ug/L 10/09/22 19:42 Ethene ND 7.0 1.5 ug/L 10/09/22 19:42 Method: RSK-175 - Dissolved Gases (GC) - DL Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Method: EPA 200.7 Rev 4.4 - Metals (ICP) 88 22 ug/L 10/10/22 07:00 2 Method: EPA 200.7 Rev 4.4 - Metals (ICP) Result Qualifier RL MDL Unit Mg/L D Prepared Analyzed Dil Fa Iron 10.5 0.050 0.019 mg/L 10/11/22 08:59 10/12/22 01:58 General Chemistry Analyte Result Qualifier RL MDL Unit Mg/L D Prepared Analyzed Dil Fa Sulfate (MCAWW 300.0) 1.1 J J 4.0 0.70 mg/L 10/11/22 00:40 Alkalinity, Total (MCAWW 310.2) 249 B 50.0 20.0 mg/L 10/14/22 00:40 Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/17/22 18:48 Nitrate as N (MCAWW 353.2) ND H 0.050 0.0 | Method: RSK-175 - Dissolved | Gases (GC) |) | | | | | | | |
| Ethane ND 7.5 1.5 ug/L 10/09/22 19:42 Ethane ND 7.0 1.5 ug/L 10/09/22 19:42 Ethane ND 7.0 1.5 ug/L 10/09/22 19:42 Ethane ND 7.0 1.5 ug/L 10/09/22 19:42 Ethane ND 7.0 1.5 ug/L 10/09/22 19:42 Ethane ND 7.0 1.5 ug/L 10/09/22 19:42 Ethane ND 7.0 1.5 ug/L 10/09/22 19:42 Ethane ND ND ND ND ND ND ND ND ND ND ND ND ND | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Method: RSK-175 - Dissolved Gases (GC) - DL | Carbon dioxide | 34000 | | 5000 | 1300 | ug/L | | | 10/13/22 12:06 | |
| Method: RSK-175 - Dissolved Gases (GC) - DL Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Methane 2700 88 22 ug/L 10/10/22 07:00 2 Method: EPA 200.7 Rev 4.4 - Metals (ICP) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Iron 10.5 0.050 0.019 mg/L 10/11/22 08:59 10/12/22 01:58 General Chemistry Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Sulfate (MCAWW 300.0) 1.1 J 4.0 0.70 mg/L 10/11/22 08:59 10/12/22 01:58 Alkalinity, Total (MCAWW 310.2) 249 B 50.0 20.0 mg/L 10/18/22 12:29 Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/14/22 00:29 | Ethane | ND | | 7.5 | 1.5 | ug/L | | | 10/09/22 19:42 | • |
| Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa | Ethene | ND | | 7.0 | 1.5 | ug/L | | | 10/09/22 19:42 | • |
| Methane 2700 88 22 ug/L 10/10/22 07:00 2 Method: EPA 200.7 Rev 4.4 - Metals (ICP) Result Iron Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Dil Fa Iron 10.5 0.050 0.019 mg/L 10/11/22 08:59 10/12/22 01:58 Dil Fa General Chemistry Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Sulfate (MCAWW 300.0) 1.1 J 4.0 0.70 mg/L 10/14/22 00:40 Alkalinity, Total (MCAWW 310.2) 249 B 50.0 20.0 mg/L 10/18/22 12:29 Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/07/22 18:48 Nitrite as N (MCAWW 353.2) ND H 0.050 0.020 mg/L 10/14/22 00:29 Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Method: RSK-175 - Dissolved | Gases (GC) |) - DL | | | | | | | |
| Method: EPA 200.7 Rev 4.4 - Metals (ICP) Result Iron Qualifier RL MDL Unit D Prepared Analyzed 10/11/22 01:58 Dil Fa General Chemistry Analyte Result Sulfate (MCAWW 300.0) Qualifier RL MDL Unit MD Unit MD MD/MD/MD/MD/MD/MD/MD/MD/MD/MD/MD/MD/MD/M | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa | Methane | 2700 | | 88 | 22 | ug/L | | | 10/10/22 07:00 | 22 |
| Ton 10.5 0.050 0.019 mg/L 10/11/22 08:59 10/12/22 01:58 | Method: EPA 200.7 Rev 4.4 - I | Metals (ICP) | | | | | | | | |
| General Chemistry Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Sulfate (MCAWW 300.0) 1.1 J 4.0 0.70 mg/L 10/14/22 00:40 Alkalinity, Total (MCAWW 310.2) 249 B 50.0 20.0 mg/L 10/18/22 12:29 Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/07/22 18:48 Nitrite as N (MCAWW 353.2) ND H 0.050 0.020 mg/L 10/14/22 00:29 Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fa Sulfate (MCAWW 300.0) 1.1 J 4.0 0.70 mg/L 10/14/22 00:40 10/14/22 00:40 Alkalinity, Total (MCAWW 310.2) 249 B 50.0 20.0 mg/L 10/18/22 12:29 Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/07/22 18:48 Nitrite as N (MCAWW 353.2) ND H 0.050 0.020 mg/L 10/14/22 00:29 Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Iron | 10.5 | | 0.050 | 0.019 | mg/L | _ | 10/11/22 08:59 | 10/12/22 01:58 | • |
| Sulfate (MCAWW 300.0) 1.1 J 4.0 0.70 mg/L 10/14/22 00:40 Alkalinity, Total (MCAWW 310.2) 249 B 50.0 20.0 mg/L 10/18/22 12:29 Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/07/22 18:48 Nitrite as N (MCAWW 353.2) ND H 0.050 0.020 mg/L 10/14/22 00:29 Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | General Chemistry | | | | | | | | | |
| Alkalinity, Total (MCAWW 310.2) 249 B 50.0 20.0 mg/L 10/18/22 12:29 Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/07/22 18:48 Nitrite as N (MCAWW 353.2) ND H 0.050 0.020 mg/L 10/14/22 00:29 Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Nitrate as N (EPA 353.2) 0.030 J 0.050 0.020 mg/L 10/07/22 18:48 Nitrite as N (MCAWW 353.2) ND H 0.050 0.020 mg/L 10/14/22 00:29 Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Sulfate (MCAWW 300.0) | 1.1 | J | 4.0 | 0.70 | mg/L | | | 10/14/22 00:40 | |
| Nitrite as N (MCAWW 353.2) ND H 0.050 0.020 mg/L 10/14/22 00:29 Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Alkalinity, Total (MCAWW 310.2) | 249 | В | 50.0 | 20.0 | mg/L | | | 10/18/22 12:29 | Ę |
| Total Organic Carbon (SW846 10.4 1.0 0.43 mg/L 10/14/22 17:15 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Nitrate as N (EPA 353.2) | 0.030 | J | 0.050 | 0.020 | mg/L | | | 10/07/22 18:48 | • |
| 9060A) Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | Nitrite as N (MCAWW 353.2) | ND | Н | 0.050 | 0.020 | mg/L | | | 10/14/22 00:29 | |
| Ferric Iron (SM 3500) 10.4 0.10 0.075 mg/L 10/13/22 12:30 | · · · · · · · · · · · · · · · · · · · | 10.4 | | 1.0 | 0.43 | mg/L | | | 10/14/22 17:15 | • |
| Ferrous Iron (SM 3500 FE D) 0.15 HF 0.10 0.075 mg/L 10/13/22 00:30 | Ferric Iron (SM 3500) | 10.4 | | 0.10 | 0.075 | mg/L | | | 10/13/22 12:30 | |
| | Ferrous Iron (SM 3500 FF D) | 0.15 | HE | 0.10 | 0.075 | ma/l | | | 10/13/22 00:30 | |

1.0

ND

0.67 mg/L

10/14/22 10:21

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

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

Client Sample ID: MW-40D

Trichlorofluoromethane

Vinyl chloride

Xylenes, Total

Lab Sample ID: 480-202482-10

Date Collected: 10/07/22 12:35 **Matrix: Water** Date Received: 10/07/22 14:50

Result Qualifier Dil Fac Analyte **MDL** Unit D Prepared Analyzed 1,1,1-Trichloroethane ND 8.0 6.6 ug/L 10/13/22 06:24 8 ND 8.0 8 1,1,2,2-Tetrachloroethane 1.7 ug/L 10/13/22 06:24 1,1,2-Trichloroethane ND 8.0 1.8 ug/L 10/13/22 06:24 8 ND 8.0 2.5 8 1,1,2-Trichloro-1,2,2-trifluoroethane ug/L 10/13/22 06:24 1.1-Dichloroethane ND 8.0 3.0 ug/L 10/13/22 06:24 8 8 1,1-Dichloroethene ND 8.0 2.3 ug/L 10/13/22 06:24 1,2,4-Trichlorobenzene ND 8.0 ug/L 10/13/22 06:24 8 1,2-Dibromo-3-Chloropropane ND 8.0 10/13/22 06:24 8 3.1 ug/L 1,2-Dichlorobenzene ND 8.0 ug/L 10/13/22 06:24 8 1,2-Dichloroethane ND 8.0 1.7 ug/L 10/13/22 06:24 8 1,2-Dichloropropane ND 8.0 5.8 ug/L 10/13/22 06:24 8 1.3-Dichlorobenzene ND 8.0 6.2 ug/L 10/13/22 06:24 8 1,4-Dichlorobenzene ND 8.0 6.7 ug/L 10/13/22 06:24 8 2-Butanone (MEK) ND 80 ug/L 10/13/22 06:24 8 11 R 2-Hexanone ND 40 9.9 ug/L 10/13/22 06:24 40 4-Methyl-2-pentanone (MIBK) ND 17 ug/L 10/13/22 06:24 8 Acetone ND 80 24 ug/L 10/13/22 06:24 8 Benzene ND 8.0 3.3 ug/L 10/13/22 06:24 8 Bromodichloromethane ND 8.0 3.1 ug/L 10/13/22 06:24 8 **Bromoform** ND 8.0 2.1 ug/L 10/13/22 06:24 8 Bromomethane ND 8.0 5.5 ug/L 10/13/22 06:24 8 Carbon disulfide ND 8.0 1.5 ug/L 10/13/22 06:24 8 Carbon tetrachloride ND 8.0 2.2 ug/L 8 10/13/22 06:24 Chlorobenzene ND 8.0 6.0 ug/L 10/13/22 06:24 8 Dibromochloromethane ND 8.0 2.6 ug/L 10/13/22 06:24 8 2.6 8 Chloroethane 370 8.0 ug/L 10/13/22 06:24 Chloroform ND 8.0 2.7 ug/L 10/13/22 06:24 8 Chloromethane ND 2.8 8 8.0 ug/L 10/13/22 06:24 8 cis-1,2-Dichloroethene ND 8.0 6.5 ug/L 10/13/22 06:24 cis-1,3-Dichloropropene ND 8.0 2.9 ug/L 8 10/13/22 06:24 Cyclohexane ND 8.0 1.4 ug/L 10/13/22 06:24 8 Dichlorodifluoromethane ND 8.0 5.4 ug/L 10/13/22 06:24 8 Ethylbenzene ND 8.0 5.9 ug/L 10/13/22 06:24 8 ND 8 1,2-Dibromoethane 80 5.8 ug/L 10/13/22 06:24 Isopropylbenzene ND 8.0 ug/L 10/13/22 06:24 8 Methyl acetate ND 20 10/13/22 06:24 8 10 ug/L Methyl tert-butyl ether ND 8.0 1.3 ug/L 10/13/22 06:24 8 Methylcyclohexane ND 8.0 1.3 ug/L 10/13/22 06:24 8 Methylene Chloride ND 8.0 3.5 8 ug/L 10/13/22 06:24 Styrene ND 8.0 5.8 ug/L 10/13/22 06:24 8 Tetrachloroethene ND 8.0 2.9 ug/L 10/13/22 06:24 8 Toluene ND 8.0 ug/L 10/13/22 06:24 8 trans-1,2-Dichloroethene ND 7.2 R 8.0 ug/L 10/13/22 06:24 trans-1,3-Dichloropropene 3.0 8 ND 8.0 ug/L 10/13/22 06:24 ND 8 Trichloroethene 8.0 3.7 ug/L 10/13/22 06:24

Eurofins Buffalo

10/13/22 06:24

10/13/22 06:24

10/13/22 06:24

8.0

8.0

16

7.0 ug/L

7.2 ug/L

5.3 ug/L

ND

ND

ND

8

8

8

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 10/07/22 14:50

Methane

Client Sample ID: MW-40D

19000

Lab Sample ID: 480-202482-10 Date Collected: 10/07/22 12:35

Matrix: Water

10/10/22 07:19

| Surrogate | %Recovery Q | Qualifier Lim | its | Prepared | Analyzed | Dil Fac |
|------------------------------|----------------|---------------|-----|----------|----------------|---------|
| Toluene-d8 (Surr) | 98 | 80 - | 120 | | 10/13/22 06:24 | 8 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - | 120 | | 10/13/22 06:24 | 8 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - | 120 | | 10/13/22 06:24 | 8 |
| Dibromofluoromethane (Surr) | 97 | 75 - | 123 | | 10/13/22 06:24 | 8 |
| | | | | | | |
| Method: RSK-175 - Dissolv | red Gases (GC) | | | | | |

| Method. Kok-175 - Dissolve | u Gases (GC) | | | | | | | |
|----------------------------|-------------------|------|------|------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 35000 | 5000 | 1300 | ug/L | | | 10/13/22 12:15 | 1 |
| Ethane | ND | 83 | 17 | ug/L | | | 10/09/22 20:01 | 11 |
| Ethene | ND | 77 | 17 | ug/L | | | 10/09/22 20:01 | 11 |
| Method: RSK-175 - Dissolve | d Gases (GC) - DL | | | | | | | |
| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

| Method: EPA 200.7 Rev 4.4 - N | Metals (ICP) | | | | | | | | |
|-------------------------------|--------------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Iron | 17.1 | | 0.050 | 0.019 | mg/L | | 10/11/22 08:59 | 10/12/22 02:02 | 1 |

350

88 ug/L

| General Chemistry | | | | | | _ | | | |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Sulfate (MCAWW 300.0) | ND | | 10.0 | 1.7 | mg/L | | | 10/17/22 05:52 | 5 |
| Alkalinity, Total (MCAWW 310.2) | 248 | В | 50.0 | 20.0 | mg/L | | | 10/18/22 12:31 | 5 |
| Nitrate as N (EPA 353.2) | 0.031 | J | 0.050 | 0.020 | mg/L | | | 10/07/22 18:51 | 1 |
| Nitrite as N (MCAWW 353.2) | ND | Н | 0.050 | 0.020 | mg/L | | | 10/14/22 00:30 | 1 |
| Total Organic Carbon (SW846 9060A) | 21.7 | | 1.0 | 0.43 | mg/L | | | 10/14/22 18:14 | 1 |
| Ferric Iron (SM 3500) | 17.1 | | 0.10 | 0.075 | mg/L | | | 10/13/22 12:30 | 1 |
| Ferrous Iron (SM 3500 FE D) | ND | HF | 0.10 | 0.075 | mg/L | | | 10/13/22 00:30 | 1 |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 10/14/22 10:21 | 1 |

88

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-42S Lab Sample ID: 480-202482-11

Date Collected: 10/07/22 13:25 **Matrix: Water**

Date Received: 10/07/22 14:50

| Analyte | Result Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|---|------------------|------|-----|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 200 | 160 | ug/L | | | 10/13/22 06:47 | 20 |
| 1,1,2,2-Tetrachloroethane | ND | 200 | 42 | ug/L | | | 10/13/22 06:47 | 20 |
| 1,1,2-Trichloroethane | ND | 200 | 46 | ug/L | | | 10/13/22 06:47 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroetha ne | 800 | 200 | 62 | ug/L | | | 10/13/22 06:47 | 20 |
| 1,1-Dichloroethane | 580 | 200 | 76 | ug/L | | | 10/13/22 06:47 | 20 |
| 1,1-Dichloroethene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| 1,2,4-Trichlorobenzene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| 1,2-Dibromo-3-Chloropropane | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| 1,2-Dishorno-3-Chloroproparie | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| 1,2-Dichloroethane | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| 1,2-Dichloropropane | ND ND | 200 | | _ | | | 10/13/22 06:47 | 20 |
| 1,3-Dichlorobenzene | ND ND | 200 | | ug/L | | | | 20 |
| | ND | | | ug/L | | | 10/13/22 06:47 | 20 |
| 1,4-Dichlorobenzene | ND ND | 200 | | ug/L | | | 10/13/22 06:47 | |
| 2-Butanone (MEK) | | 2000 | | ug/L | | | 10/13/22 06:47 | 20 |
| 2-Hexanone | ND | 1000 | | ug/L | | | 10/13/22 06:47 | 20 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1000 | | ug/L | | | 10/13/22 06:47 | 20 |
| Acetone | ND | 2000 | | ug/L | | | 10/13/22 06:47 | 20 |
| Benzene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Bromodichloromethane | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Bromoform | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Bromomethane | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Carbon disulfide | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Carbon tetrachloride | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Chlorobenzene | ND | 200 | 150 | ug/L | | | 10/13/22 06:47 | 20 |
| Dibromochloromethane | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Chloroethane | 11000 | 200 | 64 | ug/L | | | 10/13/22 06:47 | 20 |
| Chloroform | ND | 200 | 68 | ug/L | | | 10/13/22 06:47 | 20 |
| Chloromethane | ND | 200 | 70 | ug/L | | | 10/13/22 06:47 | 20 |
| cis-1,2-Dichloroethene | ND | 200 | 160 | ug/L | | | 10/13/22 06:47 | 20 |
| cis-1,3-Dichloropropene | ND | 200 | 72 | ug/L | | | 10/13/22 06:47 | 20 |
| Cyclohexane | ND | 200 | 36 | ug/L | | | 10/13/22 06:47 | 20 |
| Dichlorodifluoromethane | ND | 200 | 140 | ug/L | | | 10/13/22 06:47 | 20 |
| Ethylbenzene | ND | 200 | 150 | ug/L | | | 10/13/22 06:47 | 20 |
| 1,2-Dibromoethane | ND | 200 | 150 | ug/L | | | 10/13/22 06:47 | 20 |
| Isopropylbenzene | ND | 200 | 160 | ug/L | | | 10/13/22 06:47 | 20 |
| Methyl acetate | ND | 500 | | ug/L | | | 10/13/22 06:47 | 20 |
| Methyl tert-butyl ether | ND | 200 | 32 | ug/L | | | 10/13/22 06:47 | 20 |
| Methylcyclohexane | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Methylene Chloride | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Styrene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Tetrachloroethene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Toluene | 900 | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| trans-1,2-Dichloroethene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| trans-1,3-Dichloropropene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Trichloroethene | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Trichlorofluoromethane | ND | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Vinyl chloride | 420 | 200 | | ug/L | | | 10/13/22 06:47 | 20 |
| Xylenes, Total | ND | 400 | | ug/L ug/L | | | 10/13/22 06:47 | 20 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Total Organic Carbon (SW846

Ferrous Iron (SM 3500 FE D)

Ferric Iron (SM 3500)

Sulfide (SM 4500 S2 F)

Client Sample ID: MW-42S

264

20.9

ND

4.8 HF

Lab Sample ID: 480-202482-11 Date Collected: 10/07/22 13:25 Date Received: 10/07/22 14:50

Matrix: Water

10/18/22 17:44

10/13/22 12:30

10/13/22 00:30

10/14/22 10:21

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
|---|--------------|-------------|--------------------|---------------------|----------------------|----------|----------------|-------------------------|---------|
| Toluene-d8 (Surr) | 96 | | 80 - 120 | | | | | 10/13/22 06:47 | 200 |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | 77 - 120 | | | | | 10/13/22 06:47 | 200 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | | | | 10/13/22 06:47 | 200 |
| Dibromofluoromethane (Surr) | 99 | | 75 - 123 | | | | | 10/13/22 06:47 | 200 |
| Method: RSK-175 - Dissolved | Gases (GC) |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 81000 | | 5000 | 1300 | ug/L | | | 10/13/22 12:25 | |
| Ethane | 640 | | 170 | 33 | ug/L | | | 10/09/22 20:20 | 22 |
| Ethene | 3700 | | 150 | 33 | ug/L | | | 10/09/22 20:20 | 22 |
| Method: RSK-175 - Dissolved | Gases (GC | - DL | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Methane | 8900 | | 350 | 88 | ug/L | | | 10/10/22 07:38 | 88 |
| Method: EPA 200.7 Rev 4.4 - I | Metals (ICP) | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Iron | 25.7 | | 0.050 | 0.040 | ma/l | | 10/11/22 08:59 | 10/12/22 02:06 | |
| | 20.1 | | 0.050 | 0.019 | IIIg/L | | 10/11/22 00.00 | 10/12/22 02.00 | , |
| General Chemistry | 20.7 | | 0.050 | 0.019 | mg/L | | 10/11/22 00.03 | 10/12/22 02:00 | • |
| General Chemistry | | Qualifier | 0.050 RL | 0.019 MDL | J | D | Prepared | Analyzed | Dil Fac |
| | | Qualifier | | | J | <u>D</u> | | | Dil Fac |
| General Chemistry Analyte Sulfate (MCAWW 300.0) | Result | Qualifier | RL | MDL 1.7 | Unit | <u>D</u> | | Analyzed | |
| General Chemistry Analyte | Result ND | Qualifier | RL 10.0 | MDL 1.7 | Unit mg/L mg/L | <u>D</u> | | Analyzed 10/17/22 06:11 | |

10.0

0.10

0.50

1.0

4.3 mg/L

0.075 mg/L

0.38 mg/L

0.67 mg/L

10/26/2022

10

5

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35S

Lab Sample ID: 480-202482-12 Date Collected: 10/07/22 10:00

Matrix: Water

Date Received: 10/07/22 14:50

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/13/22 07:10 | • |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 07:10 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/13/22 07:10 | • |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/13/22 07:10 | |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/13/22 07:10 | • |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/13/22 07:10 | • |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/13/22 07:10 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/13/22 07:10 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/13/22 07:10 | |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/13/22 07:10 | |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/13/22 07:10 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/13/22 07:10 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/13/22 07:10 | |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/13/22 07:10 | |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/13/22 07:10 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/13/22 07:10 | |
| Acetone | ND | | 10 | | ug/L | | | 10/13/22 07:10 | |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/13/22 07:10 | |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/13/22 07:10 | |
| Bromoform | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Bromomethane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/13/22 07:10 | |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Chloroethane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Isopropylbenzene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/13/22 07:10 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Styrene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Toluene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Trichloroethene | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Vinyl chloride | ND | | 1.0 | | ug/L | | | 10/13/22 07:10 | |
| Xylenes, Total | ND | | 2.0 | | ug/L | | | 10/13/22 07:10 | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35S Lab Sample ID: 480-202482-12

Date Collected: 10/07/22 10:00 Lab Gample 1D: 400-202402-12

Date Received: 10/07/22 14:50

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzed | Dil Fac |
|------------------------------|---------------------|---------------------|-------------------|---------|
| Toluene-d8 (Surr) | 100 | 80 - 120 | 10/13/22 07: | 10 1 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | 10/13/22 07: | 10 1 |
| 4-Bromofluorobenzene (Surr) | 101 | 73 - 120 | 10/13/22 07: | 10 1 |
| Dibromofluoromethane (Surr) | 96 | 75 ₋ 123 | 10/13/22 07: | 10 1 |

| Analyte Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----|-----|------|-----|----------|----------------|---------|
| Total Organic Carbon (SW846 3.7 9060A) | | 1.0 | | mg/L | = . | | 10/14/22 19:11 | 1 |

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP06-S Lab Sample ID: 480-202482-13

Date Collected: 10/07/22 08:45 **Matrix: Water**

Date Received: 10/07/22 14:50

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|------------------------|---------------------|-----------------------|------------------------|------------------------------|----------|--|----------------------------------|------------|
| Carbon dioxide | 33000 | | 5000 | 1300 | ug/L | | | 10/13/22 12:34 | |
| Ethane | ND | | 83 | 17 | ug/L | | | 10/09/22 20:39 | 11 |
| Ethene | ND | | 77 | 17 | ug/L | | | 10/09/22 20:39 | 1′ |
| Method: RSK-175 - Dissolved G | ases (GC) | - DL | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Methane | 15000 | | 350 | 88 | ug/L | | | 10/10/22 07:57 | 88 |
| Analyte Iron General Chemistry Analyte | 16.6 | Qualifier Qualifier | RL | 0.019 | mg/L | <u>D</u> | Prepared 10/11/22 08:59 Prepared | Analyzed 10/12/22 02:17 Analyzed | Dil Fa |
| | | | | 4.7 | mg/L | | | 10/17/22 06:31 | |
| | 4.6 | J | 10.0 | 1.7 | | | | | |
| Sulfate (MCAWW 300.0) | 4.6 579 | | 10.0 100 | | U | | | 10/18/22 12:44 | 10 |
| Sulfate (MCAWW 300.0) Alkalinity, Total (MCAWW 310.2) | | | | | mg/L | | | 10/18/22 12:44 10/07/22 18:54 | 1 |
| Sulfate (MCAWW 300.0) Alkalinity, Total (MCAWW 310.2) Nitrate as N (EPA 353.2) | 579 | | 100 | 40.0 | mg/L mg/L | | | | 10 |
| Sulfate (MCAWW 300.0) Alkalinity, Total (MCAWW 310.2) Nitrate as N (EPA 353.2) Nitrite as N (MCAWW 353.2) | 579 ND | | 100 0.050 | 40.0 0.020 | mg/L mg/L mg/L | | | 10/07/22 18:54 | 1 |
| | 579 ND ND | В | 100 0.050 0.050 | 40.0 0.020 0.020 | mg/L mg/L mg/L mg/L | | | 10/07/22 18:54 10/08/22 18:20 | 1 . |

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-202482-14

Matrix: Water

Date Collected: 10/07/22 06:30 Date Received: 10/07/22 14:50

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|--|------------------|-----|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND — | 1.0 | 0.82 | ug/L | | | 10/13/22 07:33 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/13/22 07:33 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/13/22 07:33 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/13/22 07:33 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 10/13/22 07:33 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/13/22 07:33 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/13/22 07:33 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/13/22 07:33 | |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 10/13/22 07:33 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 10/13/22 07:33 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 10/13/22 07:33 | |
| Acetone | ND | 10 | | ug/L | | | 10/13/22 07:33 | |
| Benzene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Bromoform | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Carbon disulfide | ND | 1.0 | | ug/L ug/L | | | 10/13/22 07:33 | |
| Carbon disullide Carbon tetrachloride | ND | 1.0 | | - | | | 10/13/22 07:33 | |
| Chlorobenzene | ND ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Dibromochloromethane | | | | ug/L | | | | |
| | ND ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Chloroethane Chloroform | ND ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| | | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 10/13/22 07:33 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Styrene | ND | 1.0 | | ug/L | | | 10/13/22 07:33 | |
| Tetrachloroethene | ND | 1.0 | 0.36 | ug/L | | | 10/13/22 07:33 | |
| Toluene | ND | 1.0 | 0.51 | ug/L | | | 10/13/22 07:33 | |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.90 | ug/L | | | 10/13/22 07:33 | |
| trans-1,3-Dichloropropene | ND | 1.0 | 0.37 | ug/L | | | 10/13/22 07:33 | |
| Trichloroethene | ND | 1.0 | 0.46 | ug/L | | | 10/13/22 07:33 | |
| Trichlorofluoromethane | ND | 1.0 | 0.88 | ug/L | | | 10/13/22 07:33 | |
| Vinyl chloride | ND | 1.0 | 0.90 | ug/L | | | 10/13/22 07:33 | |
| Xylenes, Total | ND | 2.0 | 0.66 | ug/L | | | 10/13/22 07:33 | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TRIP BLANK Lab Sample ID: 480-202482-14

Date Collected: 10/07/22 06:30

Matrix: Water Date Received: 10/07/22 14:50

| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 100 | | 80 - 120 | _ | | 10/13/22 07:33 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 77 - 120 | | | 10/13/22 07:33 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | | 10/13/22 07:33 | 1 |
| Dibromofluoromethane (Surr) | 99 | | 75 - 123 | | | 10/13/22 07:33 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: RINSE BLANK

Lab Sample ID: 480-202540-1 Date Collected: 10/10/22 14:00

Matrix: Water Date Received: 10/10/22 16:40

| ND ND ND ND ND ND ND ND ND ND ND ND ND N | 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | 0.82 0.21 0.23 0.31 0.38 0.29 0.41 0.39 0.79 | ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L | | | 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 | |
|--|--|--|---|--|--|--|--|
| ND ND ND ND ND ND ND ND ND ND ND ND ND N | 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | 0.23 0.31 0.38 0.29 0.41 0.39 0.79 0.21 0.72 | ug/L ug/L ug/L ug/L ug/L ug/L ug/L | | | 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 | |
| ND ND ND ND ND ND ND ND ND ND ND ND ND N | 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | 0.31 0.38 0.29 0.41 0.39 0.79 0.21 0.72 | ug/L ug/L ug/L ug/L ug/L ug/L ug/L | | | 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 | |
| ND ND ND ND ND ND ND ND ND ND ND ND ND | 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | 0.38 0.29 0.41 0.39 0.79 0.21 0.72 | ug/L ug/L ug/L ug/L ug/L ug/L | | | 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 10/15/22 08:02 | |
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| ND ND ND ND ND ND | 1.0 1.0 1.0 1.0 1.0 | 0.41 0.39 0.79 0.21 0.72 | ug/L ug/L ug/L ug/L | | | 10/15/22 08:02 10/15/22 08:02 | |
| ND ND ND ND ND ND | 1.0 1.0 1.0 1.0 | 0.39 0.79 0.21 0.72 | ug/L ug/L ug/L | | | 10/15/22 08:02 | |
| ND ND ND ND ND | 1.0 1.0 1.0 1.0 | 0.79 0.21 0.72 | ug/L ug/L | | | | |
| ND ND ND ND | 1.0 1.0 1.0 | 0.21 0.72 | ug/L | | | 10/15/22 08:02 | |
| ND ND ND | 1.0 1.0 | 0.72 | - | | | 10/10/22 00:02 | |
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| ND | | c =- | ug/L | | | 10/15/22 08:02 | |
| | 1 0 | 0.78 | ug/L | | | 10/15/22 08:02 | |
| ND | 1.0 | 0.84 | | | | 10/15/22 08:02 | |
| | 10 | | ug/L | | | 10/15/22 08:02 | |
| ND | 5.0 | | ug/L | | | 10/15/22 08:02 | |
| ND | 5.0 | | | | | 10/15/22 08:02 | |
| ND | 10 | | _ | | | 10/15/22 08:02 | |
| ND | 1.0 | | _ | | | 10/15/22 08:02 | |
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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 10/10/22 16:40

Client Sample ID: RINSE BLANK Lab Sample ID: 480-202540-1

Date Collected: 10/10/22 14:00

| Surrogate | %Recovery Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 97 | 80 - 120 | _ | | 10/15/22 08:02 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | 77 - 120 | | | 10/15/22 08:02 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | | | 10/15/22 08:02 | 1 |
| Dibromofluoromethane (Surr) | 100 | 75 - 123 | | | 10/15/22 08:02 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP10-S Lab Sample ID: 480-202540-2

Date Collected: 10/10/22 09:45 **Matrix: Water** Date Received: 10/10/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|------|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 400 | 330 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,1,2,2-Tetrachloroethane | ND | | 400 | 84 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,1,2-Trichloroethane | ND | | 400 | 92 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 400 | 120 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,1-Dichloroethane | 230 | J | 400 | 150 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,1-Dichloroethene | ND | | 400 | 120 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,2,4-Trichlorobenzene | ND | | 400 | 160 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,2-Dibromo-3-Chloropropane | ND | | 400 | 160 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,2-Dichlorobenzene | ND | | 400 | 320 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,2-Dichloroethane | ND | | 400 | 84 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,2-Dichloropropane | ND | | 400 | 290 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,3-Dichlorobenzene | ND | | 400 | 310 | ug/L | | | 10/15/22 08:25 | 400 |
| 1,4-Dichlorobenzene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| 2-Butanone (MEK) | ND | | 4000 | 530 | ug/L | | | 10/15/22 08:25 | 400 |
| 2-Hexanone | ND | | 2000 | 500 | ug/L | | | 10/15/22 08:25 | 400 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 2000 | | ug/L | | | 10/15/22 08:25 | 400 |
| Acetone | ND | | 4000 | 1200 | ug/L | | | 10/15/22 08:25 | 400 |
| Benzene | ND | | 400 | | | | | 10/15/22 08:25 | 400 |
| Bromodichloromethane | ND | | 400 | 160 | ug/L | | | 10/15/22 08:25 | 400 |
| Bromoform | ND | | 400 | 100 | ug/L | | | 10/15/22 08:25 | 400 |
| Bromomethane | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Carbon disulfide | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Carbon tetrachloride | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Chlorobenzene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Dibromochloromethane | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Chloroethane | 8700 | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Chloroform | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Chloromethane | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| cis-1,2-Dichloroethene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| cis-1,3-Dichloropropene | ND ND | | 400 | | ug/L ug/L | | | 10/15/22 08:25 | 400 |
| Cyclohexane | ND | | 400 | | | | | 10/15/22 08:25 | 400 |
| Dichlorodifluoromethane | ND ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| | ND ND | | | | ug/L | | | 10/15/22 08:25 | |
| Ethylbenzene | | | 400 | | ug/L | | | | 400 |
| 1,2-Dibromoethane | ND ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Isopropylbenzene | | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Methyl acetate | ND | | 1000 | | ug/L | | | 10/15/22 08:25 | 400 |
| Methyl tert-butyl ether | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Methylcyclohexane | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Methylene Chloride | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Styrene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Tetrachloroethene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Toluene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| trans-1,2-Dichloroethene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| trans-1,3-Dichloropropene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Trichloroethene | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Trichlorofluoromethane | ND | | 400 | | ug/L | | | 10/15/22 08:25 | 400 |
| Vinyl chloride | ND | | 400 | 360 | ug/L | | | 10/15/22 08:25 | 400 |
| Xylenes, Total | ND | | 800 | 260 | ug/L | | | 10/15/22 08:25 | 400 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP10-S

Lab Sample ID: 480-202540-2 Date Collected: 10/10/22 09:45 **Matrix: Water**

Date Received: 10/10/22 16:40

Methane

| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil F |
|------------------------------|-----------|-----------|----------|---|----------|----------------|-------|
| Toluene-d8 (Surr) | 97 | | 80 - 120 | _ | | 10/15/22 08:25 | 40 |
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 77 - 120 | | | 10/15/22 08:25 | 40 |
| 4-Bromofluorobenzene (Surr) | 93 | | 73 - 120 | | | 10/15/22 08:25 | 40 |
| Dibromofluoromethane (Surr) | 96 | | 75 - 123 | | | 10/15/22 08:25 | 40 |

| Method: RSK-175 - Dissolved | Gases (GC) |) | | | | | | | |
|-----------------------------|------------|-------------|------|------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 140000 | | 5000 | 1300 | ug/L | | | 10/13/22 12:53 | 1 |
| Ethane | ND | | 83 | 17 | ug/L | | | 10/11/22 17:53 | 11 |
| Ethene | 26 | J | 77 | 17 | ug/L | | | 10/11/22 17:53 | 11 |
| Method: RSK-175 - Dissolved | Gases (GC) | - DL | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

| Method: EPA 200.7 Rev 4.4 - N | letals (ICP) | | | | | | | | |
|-------------------------------|--------------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Iron | 9.5 | | 0.050 | 0.019 | mg/L | | 10/12/22 09:38 | 10/12/22 20:02 | 1 |

350

88 ug/L

8900

| General Chemistry | | | | | | | | | |
|------------------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Sulfate (MCAWW 300.0) | 4.6 | J | 10.0 | 1.7 | mg/L | | | 10/17/22 23:42 | 5 |
| Alkalinity, Total (MCAWW 310.2) | 659 | | 100 | 40.0 | mg/L | | | 10/18/22 16:34 | 10 |
| Nitrate as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 10/11/22 15:21 | 1 |
| Nitrite as N (MCAWW 353.2) | ND | Н | 0.050 | 0.020 | mg/L | | | 10/14/22 00:47 | 1 |
| Total Organic Carbon (SW846 9060A) | 90.6 | | 1.0 | 0.43 | mg/L | | | 10/17/22 19:48 | 1 |
| Ferric Iron (SM 3500) | 9.5 | | 0.10 | 0.075 | mg/L | | | 10/13/22 15:12 | 1 |
| Ferrous Iron (SM 3500 FE D) | ND | HF | 0.10 | 0.075 | mg/L | | | 10/13/22 00:30 | 1 |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 10/14/22 10:21 | 1 |

10/11/22 19:36

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-30

Lab Sample ID: 480-202540-3

Date Collected: 10/10/22 12:30 **Matrix: Water** Date Received: 10/10/22 16:40

| Analyte | Result Qualifi | er RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|--|----------------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 10/15/22 08:48 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/15/22 08:48 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/15/22 08:48 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/15/22 08:48 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 10/15/22 08:48 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/15/22 08:48 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 10/15/22 08:48 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/15/22 08:48 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/15/22 08:48 | |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/15/22 08:48 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 10/15/22 08:48 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 10/15/22 08:48 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 10/15/22 08:48 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 10/15/22 08:48 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 10/15/22 08:48 | |
| Acetone | ND | 10 | | ug/L | | | 10/15/22 08:48 | |
| Benzene | ND | 1.0 | 0.41 | • | | | 10/15/22 08:48 | |
| Bromodichloromethane | ND | 1.0 | 0.39 | | | | 10/15/22 08:48 | |
| Bromoform | ND | 1.0 | 0.26 | - | | | 10/15/22 08:48 | |
| Bromomethane | ND | 1.0 | 0.69 | - | | | 10/15/22 08:48 | |
| Carbon disulfide | ND | 1.0 | 0.19 | | | | 10/15/22 08:48 | |
| Carbon tetrachloride | ND | 1.0 | 0.27 | - | | | 10/15/22 08:48 | |
| Chlorobenzene | ND | 1.0 | 0.75 | - | | | 10/15/22 08:48 | |
| Dibromochloromethane | ND | 1.0 | 0.32 | | | | 10/15/22 08:48 | |
| Chloroethane | ND | 1.0 | 0.32 | - | | | 10/15/22 08:48 | |
| Chloroform | ND | 1.0 | 0.34 | - | | | 10/15/22 08:48 | |
| Chloromethane | ND | 1.0 | 0.35 | | | | 10/15/22 08:48 | |
| cis-1,2-Dichloroethene | 0.81 J | 1.0 | 0.81 | - | | | 10/15/22 08:48 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 10/15/22 08:48 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Styrene | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Toluene | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| trans-1,2-Dichloroethene | ND ND | 1.0 | | ug/L ug/L | | | 10/15/22 08:48 | |
| trans-1,3-Dichloropropene | ND ND | | | - | | | 10/15/22 08:48 | |
| trans-1,3-Dicnioropropene Trichloroethene | | 1.0 | | ug/L | | | | |
| | ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Trichlorofluoromethane | ND ND | 1.0 | | ug/L | | | 10/15/22 08:48 | |
| Vinyl chloride Xylenes, Total | ND ND | 1.0 2.0 | | ug/L ug/L | | | 10/15/22 08:48 10/15/22 08:48 | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-30 Lab Sample ID: 480-202540-3

Date Collected: 10/10/22 12:30 **Matrix: Water**

Date Received: 10/10/22 16:40

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzed | l Dil Fac |
|------------------------------|---------------------|----------|-------------------|-----------|
| Toluene-d8 (Surr) | 100 | 80 - 120 | 10/15/22 08 | :48 1 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | 10/15/22 08 | :48 1 |
| 4-Bromofluorobenzene (Surr) | 102 | 73 - 120 | 10/15/22 08 | :48 1 |
| Dibromofluoromethane (Surr) | 99 | 75 - 123 | 10/15/22 08 | :48 1 |

| General Chemistry Analyte | Rosult | Qualifier | RL | MDL | Unit | n | Prepared | Analvzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-------|-------|---|----------|----------------|---------|
| Analyte | Nesuit | Qualifier | IXL | IVIDE | Oilit | | riepaieu | Allalyzeu | Diriac |
| Total Organic Carbon (SW846 | 3.0 | | 1.0 | 0.43 | mg/L | | | 10/17/22 20:46 | 1 |
| 9060A) | | | | | | | | | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-43S

Lab Sample ID: 480-202540-4 Date Collected: 10/10/22 11:20

Matrix: Water

Date Received: 10/10/22 16:40

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|------------------|-----|------|--------------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | 4.0 | 3.3 | ug/L | | | 10/15/22 09:11 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.0 | 0.84 | ug/L | | | 10/15/22 09:11 | 4 |
| 1,1,2-Trichloroethane | ND | 4.0 | 0.92 | ug/L | | | 10/15/22 09:11 | 4 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 4.0 | 1.2 | ug/L | | | 10/15/22 09:11 | |
| 1,1-Dichloroethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| 1,1-Dichloroethene | ND | 4.0 | 1.2 | ug/L | | | 10/15/22 09:11 | 4 |
| 1,2,4-Trichlorobenzene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| 1,2-Dibromo-3-Chloropropane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| 1,2-Dichlorobenzene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| 1,2-Dichloroethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| 1,2-Dichloropropane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| 1,3-Dichlorobenzene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| 1,4-Dichlorobenzene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| 2-Butanone (MEK) | ND | 40 | | ug/L | | | 10/15/22 09:11 | 4 |
| 2-Hexanone | ND | 20 | | ug/L | | | 10/15/22 09:11 | 4 |
| 4-Methyl-2-pentanone (MIBK) | ND | 20 | | ug/L | | | 10/15/22 09:11 | |
| Acetone | ND | 40 | | ug/L | | | 10/15/22 09:11 | 2 |
| Benzene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 2 |
| Bromodichloromethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| Bromoform | ND | 4.0 | | ug/L ug/L | | | 10/15/22 09:11 | |
| Bromomethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| Carbon disulfide | ND | 4.0 | | ug/L ug/L | | | 10/15/22 09:11 | |
| Carbon disulide Carbon tetrachloride | ND ND | 4.0 | | ug/L ug/L | | | 10/15/22 09:11 | 2 |
| Chlorobenzene | ND ND | 4.0 | | - | | | 10/15/22 09:11 | 2 |
| Dibromochloromethane | ND | 4.0 | | ug/L ug/L | | | 10/15/22 09:11 | |
| | | | | - | | | | |
| Chloroform | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| Chloroform | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| Chloromethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| cis-1,2-Dichloroethene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 2 |
| cis-1,3-Dichloropropene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| Cyclohexane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 2 |
| Dichlorodifluoromethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 2 |
| Ethylbenzene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| 1,2-Dibromoethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 2 |
| Isopropylbenzene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 2 |
| Methyl acetate | ND | 10 | | ug/L | | | 10/15/22 09:11 | |
| Methyl tert-butyl ether | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 2 |
| Methylcyclohexane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| Methylene Chloride | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| Styrene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| Tetrachloroethene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| Toluene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | |
| trans-1,2-Dichloroethene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| trans-1,3-Dichloropropene | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| Trichloroethene | ND | 4.0 | 1.8 | ug/L | | | 10/15/22 09:11 | |
| Trichlorofluoromethane | ND | 4.0 | | ug/L | | | 10/15/22 09:11 | 4 |
| Vinyl chloride | ND | 4.0 | 3.6 | ug/L | | | 10/15/22 09:11 | 4 |
| Xylenes, Total | ND | 8.0 | 2.6 | ug/L | | | 10/15/22 09:11 | 4 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-43S Lab Sample ID: 480-202540-4

Date Collected: 10/10/22 11:20 Matrix: Water Date Received: 10/10/22 16:40

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 97 | 80 - 120 | | 10/15/22 09:11 | 4 |
| 1,2-Dichloroethane-d4 (Surr) | 99 | 77 - 120 | | 10/15/22 09:11 | 4 |
| 4-Bromofluorobenzene (Surr) | 97 | 73 - 120 | | 10/15/22 09:11 | 4 |
| Dibromofluoromethane (Surr) | 96 | 75 - 123 | | 10/15/22 09:11 | 4 |

| General Chemistry Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 5.0 | | 1.0 | 0.43 | mg/L | | | 10/17/22 21:45 | 1 |
| 9060A) | | | | | | | | | |

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9

10

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-44S

Lab Sample ID: 480-202540-5 Date Collected: 10/10/22 13:20

Matrix: Water

Date Received: 10/10/22 16:40

| Analyte | Result Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/15/22 09:34 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 10/15/22 09:34 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 10/15/22 09:34 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 10/15/22 09:34 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 10/15/22 09:34 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 10/15/22 09:34 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 10/15/22 09:34 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 10/15/22 09:34 | |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 10/15/22 09:34 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 10/15/22 09:34 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 10/15/22 09:34 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 10/15/22 09:34 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 10/15/22 09:34 | |
| Acetone | ND | 10 | | ug/L | | | 10/15/22 09:34 | |
| Benzene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Bromoform | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Chloroform | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| sis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| I,2-Dibromoethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| sopropylbenzene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 10/15/22 09:34 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Styrene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| etrachloroethene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| oluene | ND ND | 1.0 | | ug/L ug/L | | | 10/15/22 09:34 | |
| rans-1,2-Dichloroethene | ND ND | | | | | | 10/15/22 09:34 | |
| · | | 1.0 | | ug/L | | | | |
| rans-1,3-Dichloropropene | ND ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Trichloroethene | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| Frichlorofluoromethane | ND | 1.0 | | ug/L | | | 10/15/22 09:34 | |
| √inyl chloride Kylenes, Total | ND ND | 1.0 2.0 | 0.90 | ug/L | | | 10/15/22 09:34 10/15/22 09:34 | |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-44S Lab Sample ID: 480-202540-5

Date Collected: 10/10/22 13:20 Matrix: Water

Date Received: 10/10/22 16:40

Total Organic Carbon (SW846

9060A)

| Surrogate | %Recovery Quar | lifier Limits | | | Prepared | Analyzed | Dil Fac |
|------------------------------|----------------|---------------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 96 | 80 - 120 | | - | | 10/15/22 09:34 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 97 | 77 - 120 | | | | 10/15/22 09:34 | 1 |
| 4-Bromofluorobenzene (Surr) | 95 | 73 - 120 | | | | 10/15/22 09:34 | 1 |
| Dibromofluoromethane (Surr) | 94 | 75 - 123 | | | | 10/15/22 09:34 | 1 |
| General Chemistry | | | | | | | |
| Analyte | Result Qual | lifier RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |

1.0

0.43 mg/L

1.2

8

10/17/22 22:14

9

10

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP14-S

Lab Sample ID: 480-202540-6

Matrix: Water

Date Collected: 10/10/22 11:45 Date Received: 10/10/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|----------|-----------|-----|------|--------------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 2.0 | 1.6 | ug/L | | | 10/15/22 09:57 | |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.42 | ug/L | | | 10/15/22 09:57 | 2 |
| 1,1,2-Trichloroethane | ND | | 2.0 | 0.46 | ug/L | | | 10/15/22 09:57 | : |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.0 | 0.62 | ug/L | | | 10/15/22 09:57 | 2 |
| 1,1-Dichloroethane | ND | | 2.0 | 0.76 | ug/L | | | 10/15/22 09:57 | 2 |
| 1,1-Dichloroethene | ND | | 2.0 | 0.58 | ug/L | | | 10/15/22 09:57 | 2 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.82 | ug/L | | | 10/15/22 09:57 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.78 | ug/L | | | 10/15/22 09:57 | 2 |
| 1,2-Dichlorobenzene | ND | | 2.0 | 1.6 | ug/L | | | 10/15/22 09:57 | : |
| 1,2-Dichloroethane | ND | | 2.0 | 0.42 | ug/L | | | 10/15/22 09:57 | |
| 1,2-Dichloropropane | ND | | 2.0 | 1.4 | ug/L | | | 10/15/22 09:57 | 2 |
| 1,3-Dichlorobenzene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| 1,4-Dichlorobenzene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| 2-Butanone (MEK) | ND | | 20 | | ug/L | | | 10/15/22 09:57 | : |
| 2-Hexanone | ND | | 10 | | ug/L | | | 10/15/22 09:57 | : |
| 4-Methyl-2-pentanone (MIBK) | ND | | 10 | | ug/L | | | 10/15/22 09:57 | |
| Acetone | ND | | 20 | | ug/L | | | 10/15/22 09:57 | : |
| Benzene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | : |
| Bromodichloromethane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Bromoform | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | : |
| Bromomethane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | : |
| Carbon disulfide | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Carbon tetrachloride | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Chlorobenzene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Dibromochloromethane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Chloroethane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Chloroform | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | : |
| Chloromethane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| cis-1,2-Dichloroethene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| cis-1,3-Dichloropropene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | : |
| Cyclohexane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Ethylbenzene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | : |
| 1.2-Dibromoethane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Isopropylbenzene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| Methyl acetate | ND | | 5.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| Methyl tert-butyl ether | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Methylcyclohexane | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| Methylene Chloride | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| Styrene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| Tetrachloroethene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| Toluene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| trans-1,2-Dichloroethene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | |
| trans-1,3-Dichloropropene | ND ND | | 2.0 | | ug/L ug/L | | | 10/15/22 09:57 | 2 |
| Trichloroethene | ND | | 2.0 | | ug/L | | | 10/15/22 09:57 | 2 |
| Trichlorofluoromethane | ND | | 2.0 | | ug/L ug/L | | | 10/15/22 09:57 | |
| Vinyl chloride | ND ND | | 2.0 | | ug/L ug/L | | | 10/15/22 09:57 | 2 |
| Xylenes, Total | ND | | 4.0 | | ug/L ug/L | | | 10/15/22 09:57 | 2 |

Eurofins Buffalo

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Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP14-S Lab Sample ID: 480-202540-6

Date Collected: 10/10/22 11:45
Date Received: 10/10/22 16:40

Matrix: Water

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 96 | | 80 - 120 | | | | | 10/15/22 09:57 | 2 |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 77 - 120 | | | | | 10/15/22 09:57 | 2 |
| 4-Bromofluorobenzene (Surr) | 98 | | 73 - 120 | | | | | 10/15/22 09:57 | 2 |
| Dibromofluoromethane (Surr) | 98 | | 75 - 123 | | | | | 10/15/22 09:57 | 2 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 5.8 | | 1.0 | 0.43 | mg/L | | | 10/17/22 22:43 | 1 |

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-10

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-202540-7 Date Collected: 10/10/22 08:00

Matrix: Water Date Received: 10/10/22 16:40

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/15/22 10:20 | - |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/15/22 10:20 | |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/15/22 10:20 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/15/22 10:20 | |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/15/22 10:20 | |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/15/22 10:20 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/15/22 10:20 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/15/22 10:20 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/15/22 10:20 | |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/15/22 10:20 | |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | | | | 10/15/22 10:20 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/15/22 10:20 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | | | | 10/15/22 10:20 | |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 10/15/22 10:20 | |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 10/15/22 10:20 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | | | | 10/15/22 10:20 | |
| Acetone | ND | | 10 | | ug/L | | | 10/15/22 10:20 | |
| Benzene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Bromoform | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Bromomethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/15/22 10:20 | |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Chloroethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Chloroform | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Isopropylbenzene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 10/15/22 10:20 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Styrene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Toluene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Trichloroethene | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Vinyl chloride | ND | | 1.0 | | ug/L | | | 10/15/22 10:20 | |
| Xylenes, Total | ND | | 2.0 | | ug/L | | | 10/15/22 10:20 | |

Eurofins Buffalo

10/26/2022

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 10/10/22 16:40

Client Sample ID: TRIP BLANK Lab Sample ID: 480-202540-7

Date Collected: 10/10/22 08:00

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 97 | 80 - 120 | | 10/15/22 10:20 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | 77 - 120 | | 10/15/22 10:20 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - 120 | | 10/15/22 10:20 | 1 |
| Dibromofluoromethane (Surr) | 98 | 75 - 123 | | 10/15/22 10:20 | 1 |

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36S

Date Collected: 10/05/22 12:15 Date Received: 10/05/22 16:50 Lab Sample ID: 480-202378-1

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | Prepared |
|-----------|----------|--------|-----|----------|----------------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 644798 AXK | EET BUF | 10/11/22 16:41 |
| Total/NA | Analysis | 9060A | | 1 | 645233 KER | EET BUF | 10/13/22 03:00 |

Client Sample ID: MW-36D

Date Collected: 10/05/22 11:35 Date Received: 10/05/22 16:50 Lab Sample ID: 480-202378-2

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 4 | 644798 | AXK | EET BUF | 10/11/22 17:03 |
| Total/NA | Analysis | 9060A | | 1 | 645233 | KER | EET BUF | 10/13/22 03:57 |

Client Sample ID: A1-GP09-S

Date Collected: 10/05/22 13:00 Date Received: 10/05/22 16:50 Lab Sample ID: 480-202379-1

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | Prepared |
|-----------|----------|--------|-----|----------|----------------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 5 | 644798 AXK | EET BUF | 10/11/22 17:25 |
| Total/NA | Analysis | 9060A | | 1 | 645233 KER | EET BUF | 10/13/22 04:26 |

Client Sample ID: A1-GP16-S

Date Collected: 10/05/22 14:50

Date Received: 10/06/22 10:01

Lab Sample ID: 480-202380-1

Lab Sample ID: 480-202443-1

Matrix: Water

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 4 | 644907 | ATG | EET BUF | 10/11/22 15:17 |
| Total/NA | Analysis | 9060A | | 1 | 645442 | KER | EET BUF | 10/13/22 20:47 |

Client Sample ID: MW-38D

Date Collected: 10/06/22 12:20

Date Received: 10/06/22 16:40

| _ | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------------|---------------|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | - | 4 | 645217 | AXK | EET BUF | 10/13/22 18:24 |
| Total/NA | Analysis | RSK-175 | | 1 | 184469 | RMG | EET BUR | 10/10/22 15:27 |
| Total/NA | Analysis | RSK-175 | | 22 | 644615 | MAN | EET BUF | 10/09/22 19:04 |
| Total/NA | Analysis | RSK-175 | DL | 110 | 644615 | MAN | EET BUF | 10/10/22 06:22 |
| Total/NA | Prep | 200.7 | | | 644519 | NVK | EET BUF | 10/10/22 09:29 |
| Total/NA | Analysis | 200.7 Rev 4.4 | | 1 | 645057 | LMH | EET BUF | 10/11/22 19:48 |
| Total/NA | Analysis | 300.0 | | 5 | 645267 | IMZ | EET BUF | 10/14/22 00:01 |
| Total/NA | Analysis | 310.2 | | 5 | 644918 | STR | EET BUF | 10/11/22 13:24 |
| Total/NA | Analysis | 353.2 | | 1 | 644549 | CSS | EET BUF | 10/07/22 18:24 |
| Total/NA | Analysis | 353.2 | | 1 | 644550 | CSS | EET BUF | 10/07/22 18:24 |
| Total/NA | Analysis | 9060A | | 1 | 645442 | KER | EET BUF | 10/12/22 16:40 |
| Total/NA | Analysis | SM 3500 | | 1 | 645292 | LMH | EET BUF | 10/13/22 12:27 |

Client: AECOM Job ID: 480-202378-1
Project/Site: Scott Figgie Area 1 BCP

Froject/Site. Scott riggle Area i BCF

Client Sample ID: MW-38D

Date Collected: 10/06/22 12:20 Date Received: 10/06/22 16:40 Lab Sample ID: 480-202443-1

Matrix: Water

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | SM 3500 FE D | | 1 | 644547 | CSS | EET BUF | 10/07/22 16:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 645103 | CC | EET BUF | 10/12/22 11:06 |

Client Sample ID: A1-GP06-S Lab Sample ID:

Date Collected: 10/06/22 14:05 Date Received: 10/06/22 16:40 Lab Sample ID: 480-202443-2 Matrix: Water

Prepared Batch Dilution Batch Batch Number Analyst **Prep Type** Type Method Run **Factor** Lab or Analyzed Total/NA Analysis 8260C 20 645217 AXK **EET BUF** 10/13/22 18:46 Total/NA EET BUF 10/16/22 15:33 Analysis 9060A 1 645787 KER

Client Sample ID: A1-GP18-S Lab Sample ID: 480-202443-3

Date Collected: 10/06/22 09:25

Date Received: 10/06/22 16:40

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 645217 | AXK | EET BUF | 10/13/22 19:08 |
| Total/NA | Analysis | RSK-175 | | 1 | 184469 | RMG | EET BUR | 10/10/22 15:36 |
| Total/NA | Analysis | RSK-175 | | 11 | 644615 | MAN | EET BUF | 10/09/22 19:23 |
| Total/NA | Analysis | RSK-175 | DL | 88 | 644615 | MAN | EET BUF | 10/10/22 06:4 |
| Total/NA | Prep | 200.7 | | | 644519 | NVK | EET BUF | 10/10/22 09:29 |
| Total/NA | Analysis | 200.7 Rev 4.4 | | 1 | 645057 | LMH | EET BUF | 10/11/22 19:52 |
| Total/NA | Analysis | 300.0 | | 2 | 645267 | IMZ | EET BUF | 10/14/22 00:21 |
| Total/NA | Analysis | 310.2 | | 5 | 644918 | STR | EET BUF | 10/11/22 13:24 |
| Total/NA | Analysis | 353.2 | | 1 | 644549 | CSS | EET BUF | 10/07/22 18:25 |
| Total/NA | Analysis | 353.2 | | 1 | 644550 | CSS | EET BUF | 10/07/22 18:25 |
| Total/NA | Analysis | 9060A | | 1 | 645442 | KER | EET BUF | 10/12/22 18:39 |
| Total/NA | Analysis | SM 3500 | | 1 | 645292 | LMH | EET BUF | 10/13/22 12:23 |
| Total/NA | Analysis | SM 3500 FE D | | 1 | 644547 | CSS | EET BUF | 10/07/22 16:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 645103 | CC | EET BUF | 10/12/22 11:06 |

Client Sample ID: MW-37D

Date Collected: 10/06/22 10:35

Lab Sample ID: 480-202443-4

Matrix: Water

Date Received: 10/06/22 16:40

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 645217 | AXK | EET BUF | 10/13/22 19:30 |
| Total/NA | Analysis | 9060A | | 1 | 645442 | KER | EET BUF | 10/12/22 19:08 |

Job ID: 480-202378-1

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

Client Sample ID: MW-39D

Date Collected: 10/06/22 11:30

Lab Sample ID: 480-202443-5

Matrix: Water

Date Received: 10/06/22 16:40

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 8 | 645217 | AXK | EET BUF | 10/13/22 19:52 |
| Total/NA | Analysis | 9060A | | 1 | 645442 | KER | EET BUF | 10/12/22 19:39 |

Client Sample ID: A1-GP02-S

Date Collected: 10/06/22 13:15 Date Received: 10/06/22 16:40 Lab Sample ID: 480-202443-6

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 25 | 645217 | AXK | EET BUF | 10/13/22 20:14 |
| Total/NA | Analysis | 8260C | DL | 100 | 645440 | AXK | EET BUF | 10/14/22 16:43 |
| Total/NA | Analysis | 9060A | | 1 | 645442 | KER | EET BUF | 10/12/22 21:37 |

Client Sample ID: A1-GP15-S

Date Collected: 10/06/22 15:00 Date Received: 10/06/22 16:40 Lab Sample ID: 480-202443-7

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 644728 | CR | EET BUF | 10/11/22 07:02 |
| Total/NA | Analysis | 9060A | | 1 | 645442 | KER | EET BUF | 10/12/22 22:37 |

Client Sample ID: CB-1

Date Collected: 10/07/22 08:00

Date Received: 10/07/22 14:50

Lab Sample ID: 480-202482-1

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | | 645123 | CR | EET BUF | 10/13/22 02:57 |

Client Sample ID: CB-2

Date Collected: 10/07/22 07:40

Date Received: 10/07/22 14:50

| Lab Sample ID: | 480-202482-2 |
|----------------|--------------|
|----------------|--------------|

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 645123 | CR | EET BUF | 10/13/22 03:20 |

Client Sample ID: CB-3

Date Collected: 10/07/22 06:40

Date Received: 10/07/22 14:50

| Lab Sample | ID: | 480-202482-3 |
|------------|-----|---------------|
| | | Matrix: Water |

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 645123 | CR | EET BUF | 10/13/22 03:43 |

Job ID: 480-202378-1

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

Client Sample ID: CB-4

Date Collected: 10/07/22 07:00 Date Received: 10/07/22 14:50

Lab Sample ID: 480-202482-4

Matrix: Water

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 645123 | CR | EET BUF | 10/13/22 04:06 |

Client Sample ID: CB-E Lab Sample ID: 480-202482-5

Date Collected: 10/07/22 07:10 Date Received: 10/07/22 14:50

Batch Batch Dilution Batch **Prepared Prep Type** Type Method Run **Factor Number Analyst** Lab or Analyzed Total/NA 8260C 645123 CR EET BUF 10/13/22 04:29

Analysis

Client Sample ID: TP-5 Lab Sample ID: 480-202482-6 Date Collected: 10/07/22 08:20

Matrix: Water

Date Received: 10/07/22 14:50

Batch Batch Dilution Batch Prepared or Analyzed **Prep Type** Method **Factor Number Analyst** Type Run Lab 10/13/22 04:52 Total/NA Analysis 8260C 645123 CR EET BUF Total/NA Analysis 9060A 1 645783 KER **EET BUF** 10/14/22 16:19

Client Sample ID: TP-6 Lab Sample ID: 480-202482-7

Date Collected: 10/07/22 08:40 **Matrix: Water**

Date Received: 10/07/22 14:50

Batch Batch Dilution Batch **Prepared** Method **Number Analyst** or Analyzed **Prep Type** Type Run **Factor** Lab Total/NA Analysis 8260C 645123 CR EET BUF 10/13/22 05:15

Client Sample ID: DUPLICATE Lab Sample ID: 480-202482-8

Date Collected: 10/07/22 08:00 **Matrix: Water**

Date Received: 10/07/22 14:50

645123 CR

EET BUF

Batch **Batch** Dilution Batch Prepared **Prep Type** Type Method Run **Factor Number Analyst** Lab or Analyzed 10/13/22 05:38

Client Sample ID: MW-35D Lab Sample ID: 480-202482-9

Date Collected: 10/07/22 08:45 **Matrix: Water**

Date Received: 10/07/22 14:50

Analysis

8260C

Total/NA

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 645123 | CR | EET BUF | 10/13/22 06:01 |
| Total/NA | Analysis | RSK-175 | | 1 | 184657 | RMG | EET BUR | 10/13/22 12:06 |
| Total/NA | Analysis | RSK-175 | | 1 | 644615 | MAN | EET BUF | 10/09/22 19:42 |
| Total/NA | Analysis | RSK-175 | DL | 22 | 644615 | MAN | EET BUF | 10/10/22 07:00 |
| Total/NA | Prep | 200.7 | | | 644765 | VAK | EET BUF | 10/11/22 08:59 |
| Total/NA | Analysis | 200.7 Rev 4.4 | | 1 | 645061 | LMH | EET BUF | 10/12/22 01:58 |
| Total/NA | Analysis | 300.0 | | 2 | 645267 | IMZ | EET BUF | 10/14/22 00:40 |
| Total/NA | Analysis | 310.2 | | 5 | 646040 | ARR | EET BUF | 10/18/22 12:29 |
| Total/NA | Analysis | 353.2 | | 1 | 644549 | CSS | EET BUF | 10/07/22 18:48 |

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35D

Lab Sample ID: 480-202482-9

Matrix: Water

Date Collected: 10/07/22 08:45 Date Received: 10/07/22 14:50

Client: AECOM

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 353.2 | | 1 | 645406 | CSS | EET BUF | 10/14/22 00:29 |
| Total/NA | Analysis | 9060A | | 1 | 645783 | KER | EET BUF | 10/14/22 17:15 |
| Total/NA | Analysis | SM 3500 | | 1 | 645292 | LMH | EET BUF | 10/13/22 12:30 |
| Total/NA | Analysis | SM 3500 FE D | | 1 | 645196 | CSS | EET BUF | 10/13/22 00:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 645493 | CC | EET BUF | 10/14/22 10:21 |

Lab Sample ID: 480-202482-10

Lab Sample ID: 480-202482-11

Matrix: Water

Date Collected: 10/07/22 12:35 Date Received: 10/07/22 14:50

Client Sample ID: MW-40D

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 8 | 645123 | CR | EET BUF | 10/13/22 06:24 |
| Total/NA | Analysis | RSK-175 | | 1 | 184657 | RMG | EET BUR | 10/13/22 12:15 |
| Total/NA | Analysis | RSK-175 | | 11 | 644615 | MAN | EET BUF | 10/09/22 20:01 |
| Total/NA | Analysis | RSK-175 | DL | 88 | 644615 | MAN | EET BUF | 10/10/22 07:19 |
| Total/NA | Prep | 200.7 | | | 644765 | VAK | EET BUF | 10/11/22 08:59 |
| Total/NA | Analysis | 200.7 Rev 4.4 | | 1 | 645061 | LMH | EET BUF | 10/12/22 02:02 |
| Total/NA | Analysis | 300.0 | | 5 | 645723 | IMZ | EET BUF | 10/17/22 05:52 |
| Total/NA | Analysis | 310.2 | | 5 | 646040 | ARR | EET BUF | 10/18/22 12:31 |
| Total/NA | Analysis | 353.2 | | 1 | 644549 | CSS | EET BUF | 10/07/22 18:51 |
| Total/NA | Analysis | 353.2 | | 1 | 645406 | CSS | EET BUF | 10/14/22 00:30 |
| Total/NA | Analysis | 9060A | | 1 | 645783 | KER | EET BUF | 10/14/22 18:14 |
| Total/NA | Analysis | SM 3500 | | 1 | 645292 | LMH | EET BUF | 10/13/22 12:30 |
| Total/NA | Analysis | SM 3500 FE D | | 1 | 645196 | CSS | EET BUF | 10/13/22 00:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 645493 | CC | EET BUF | 10/14/22 10:21 |

Client Sample ID: MW-42S

Date Collected: 10/07/22 13:25

Date Received: 10/07/22 14:50

| - | u. 10/01/22 1 | 4.50 | | | | | | |
|-----------|---------------|---------------|-----|----------|--------|---------|---------|----------------|
| | Batch | Batch | | Dilution | Batch | | | Prepared |
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 200 | 645123 | CR | EET BUF | 10/13/22 06:47 |
| Total/NA | Analysis | RSK-175 | | 1 | 184657 | RMG | EET BUR | 10/13/22 12:25 |
| Total/NA | Analysis | RSK-175 | | 22 | 644615 | MAN | EET BUF | 10/09/22 20:20 |
| Total/NA | Analysis | RSK-175 | DL | 88 | 644615 | MAN | EET BUF | 10/10/22 07:38 |
| Total/NA | Prep | 200.7 | | | 644765 | VAK | EET BUF | 10/11/22 08:59 |
| Total/NA | Analysis | 200.7 Rev 4.4 | | 1 | 645061 | LMH | EET BUF | 10/12/22 02:06 |
| Total/NA | Analysis | 300.0 | | 5 | 645723 | IMZ | EET BUF | 10/17/22 06:11 |
| Total/NA | Analysis | 310.2 | | 10 | 646040 | ARR | EET BUF | 10/18/22 12:42 |
| Total/NA | Analysis | 353.2 | | 1 | 644549 | CSS | EET BUF | 10/07/22 18:53 |
| Total/NA | Analysis | 353.2 | | 1 | 645406 | CSS | EET BUF | 10/14/22 00:31 |
| Total/NA | Analysis | 9060A | | 10 | 646366 | KER | EET BUF | 10/18/22 17:44 |

Eurofins Buffalo

Client: AECOM

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-42S

Date Collected: 10/07/22 13:25 Date Received: 10/07/22 14:50

Lab Sample ID: 480-202482-11

Matrix: Water

Job ID: 480-202378-1

Batch Batch Dilution Batch Prepared Method Number Analyst or Analyzed **Prep Type** Type Run **Factor** Lab Total/NA SM 3500 EET BUF 10/13/22 12:30 Analysis 645292 LMH Total/NA 5 Analysis SM 3500 FE D 645196 CSS **EET BUF** 10/13/22 00:30 Total/NA Analysis SM 4500 S2 F 1 645493 CC **EET BUF** 10/14/22 10:21

Client Sample ID: MW-35S Lab Sample ID: 480-202482-12

Matrix: Water

Date Collected: 10/07/22 10:00 Date Received: 10/07/22 14:50

Batch Dilution Batch Batch Prepared **Prep Type** Type Method Run Factor Number Analyst or Analyzed Lab 10/13/22 07:10 8260C 645123 CR Total/NA Analysis EET BUF Total/NA 9060A EET BUF 10/14/22 19:11 Analysis 1 645783 KER

Client Sample ID: A1-GP06-S Lab Sample ID: 480-202482-13

Matrix: Water

Date Collected: 10/07/22 08:45 Date Received: 10/07/22 14:50

| _ | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | RSK-175 | | 1 | 184657 | RMG | EET BUR | 10/13/22 12:34 |
| Total/NA | Analysis | RSK-175 | | 11 | 644615 | MAN | EET BUF | 10/09/22 20:39 |
| Total/NA | Analysis | RSK-175 | DL | 88 | 644615 | MAN | EET BUF | 10/10/22 07:57 |
| Total/NA | Prep | 200.7 | | | 644765 | VAK | EET BUF | 10/11/22 08:59 |
| Total/NA | Analysis | 200.7 Rev 4.4 | | 1 | 645061 | LMH | EET BUF | 10/12/22 02:17 |
| Total/NA | Analysis | 300.0 | | 5 | 645723 | IMZ | EET BUF | 10/17/22 06:31 |
| Total/NA | Analysis | 310.2 | | 10 | 646040 | ARR | EET BUF | 10/18/22 12:44 |
| Total/NA | Analysis | 353.2 | | 1 | 644549 | CSS | EET BUF | 10/07/22 18:54 |
| Total/NA | Analysis | 353.2 | | 1 | 644581 | CC | EET BUF | 10/08/22 18:20 |
| Total/NA | Analysis | SM 3500 | | 1 | 645292 | LMH | EET BUF | 10/13/22 12:30 |
| Total/NA | Analysis | SM 3500 FE D | | 1 | 645196 | CSS | EET BUF | 10/13/22 00:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 645493 | CC | EET BUF | 10/14/22 10:21 |

Client Sample ID: TRIP BLANK Lab Sample ID: 480-202482-14 Date Collected: 10/07/22 06:30

Date Received: 10/07/22 14:50

Ratch Ratch Dilution Batch Prepared **Prep Type** Type Method Run **Factor Number Analyst** or Analyzed Total/NA 8260C 645123 CR EET BUF 10/13/22 07:33 Analysis

Client Sample ID: RINSE BLANK Lab Sample ID: 480-202540-1

Date Collected: 10/10/22 14:00 Date Received: 10/10/22 16:40

Batch Batch Dilution Batch Prepared Method **Number Analyst** or Analyzed **Prep Type** Type Run **Factor** Lab 10/15/22 08:02 8260C 645540 CB EET BUF Total/NA Analysis

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Matrix: Water

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

Client Sample ID: A1-GP10-S

Date Collected: 10/10/22 09:45

Lab Sample ID: 480-202540-2

Matrix: Water

Date Received: 10/10/22 16:40

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 400 | 645540 | СВ | EET BUF | 10/15/22 08:25 |
| Total/NA | Analysis | RSK-175 | | 1 | 184657 | RMG | EET BUR | 10/13/22 12:53 |
| Total/NA | Analysis | RSK-175 | | 11 | 644836 | MAN | EET BUF | 10/11/22 17:53 |
| Total/NA | Analysis | RSK-175 | DL | 88 | 644836 | MAN | EET BUF | 10/11/22 19:36 |
| Total/NA | Prep | 200.7 | | | 644968 | NVK | EET BUF | 10/12/22 09:38 |
| Total/NA | Analysis | 200.7 Rev 4.4 | | 1 | 645262 | LMH | EET BUF | 10/12/22 20:02 |
| Total/NA | Analysis | 300.0 | | 5 | 645913 | IMZ | EET BUF | 10/17/22 23:42 |
| Total/NA | Analysis | 310.2 | | 10 | 646085 | STR | EET BUF | 10/18/22 16:34 |
| Total/NA | Analysis | 353.2 | | 1 | 644976 | CC | EET BUF | 10/11/22 15:21 |
| Total/NA | Analysis | 353.2 | | 1 | 645406 | CSS | EET BUF | 10/14/22 00:47 |
| Total/NA | Analysis | 9060A | | 1 | 646191 | KER | EET BUF | 10/17/22 19:48 |
| Total/NA | Analysis | SM 3500 | | 1 | 645346 | JJP | EET BUF | 10/13/22 15:12 |
| Total/NA | Analysis | SM 3500 FE D | | 1 | 645196 | CSS | EET BUF | 10/13/22 00:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 645493 | CC | EET BUF | 10/14/22 10:21 |

Client Sample ID: MW-30

Date Collected: 10/10/22 12:30 Date Received: 10/10/22 16:40

Lab Sample ID: 480-202540-3

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 645540 | СВ | EET BUF | 10/15/22 08:48 |
| Total/NA | Analysis | 9060A | | 1 | 646191 | KER | EET BUF | 10/17/22 20:46 |

Client Sample ID: MW-43S

Date Collected: 10/10/22 11:20 Date Received: 10/10/22 16:40

Lab Sample ID: 480-202540-4

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 4 | 645540 | СВ | EET BUF | 10/15/22 09:11 |
| Total/NA | Analysis | 9060A | | 1 | 646191 | KER | EET BUF | 10/17/22 21:45 |

Client Sample ID: MW-44S

Date Collected: 10/10/22 13:20

Date Received: 10/10/22 16:40

Lab Sample ID: 480-202540-5

| | | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----|---------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Pr | ер Туре | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| To | tal/NA | Analysis | 8260C | | 1 | 645540 | СВ | EET BUF | 10/15/22 09:34 |
| Tot | tal/NA | Analysis | 9060A | | 1 | 646191 | KER | EET BUF | 10/17/22 22:14 |

Lab Chronicle

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP14-S Lab Sample ID: 480-202540-6

Date Collected: 10/10/22 11:45 **Matrix: Water**

Date Received: 10/10/22 16:40

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 2 | 645540 | СВ | EET BUF | 10/15/22 09:57 |
| Total/NA | Analysis | 9060A | | 1 | 646191 | KER | EET BUF | 10/17/22 22:43 |

Lab Sample ID: 480-202540-7 **Client Sample ID: TRIP BLANK**

Date Collected: 10/10/22 08:00 **Matrix: Water**

Date Received: 10/10/22 16:40

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | | 645540 | СВ | EET BUF | 10/15/22 10:20 |

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: 480-202378-1

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 | Pr | ogram | Identification Number | Expiration Date | |
|-----------------------|-----------------------------|------------------------------|---|--|--|
| New York | NE | ELAP | 10026 | 03-31-23 | |
| The following analyte | s are included in this rend | ort but the laboratory is r | not certified by the governing authority. | This list may include analytes for which | |
| the agency does not | • | ort, but the laboratory to t | not continue by the governing duthonly. | This list may include unarytes for which | |
| , | • | Matrix | Analyte | This list may morade analytes for while | |
| the agency does not | offer certification. | • | , , , | This list may include analytes for while | |

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 | 02-25-23 |
| Connecticut | State | PH-0751 | 09-30-23 |
| DE Haz. Subst. Cleanup Act (HSCA) | State | N/A | 05-17-23 |
| Florida | NELAP | E87467 | 06-30-23 |
| Minnesota | NELAP | 050-999-436 | 12-31-22 |
| New Hampshire | NELAP | 2006 | 12-18-22 |
| New Jersey | NELAP | VT972 | 06-30-23 |
| New York | NELAP | 10391 | 04-01-23 |
| Pennsylvania | NELAP | 68-00489 | 04-30-23 |
| Rhode Island | State | LAO00298 | 12-30-22 |
| US Fish & Wildlife | US Federal Programs | 058448 | 07-31-23 |
| USDA | US Federal Programs | P330-17-00272 | 10-30-23 |
| Vermont | State | VT4000 | 02-10-23 |
| Virginia | NELAP | 460209 | 12-14-22 |
| Wisconsin | State | 399133350 | 08-31-23 |

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Method Summary

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

| 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 |
| 200.7 Rev 4.4 | Metals (ICP) | EPA | EET BUF |
| 300.0 | Anions, Ion Chromatography | MCAWW | EET BUF |
| 310.2 | Alkalinity | MCAWW | EET BUF |
| 353.2 | Nitrate | EPA | EET BUF |
| 353.2 | Nitrogen, Nitrite | MCAWW | EET BUF |
| 9060A | Organic Carbon, Total (TOC) | SW846 | EET BUF |
| SM 3500 | Iron, Ferric | SM | EET BUF |
| SM 3500 FE D | Iron, Ferrous and Ferric | SM | EET BUF |
| SM 4500 S2 F | Sulfide, Total | SM | EET BUF |
| 200.7 | Preparation, Total Metals | EPA | EET BUF |
| 5030C | Purge and Trap | SW846 | EET BUF |

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Eurofins Buffalo

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Sample Summary

Client: AECOM Job ID: 480-202378-1

Project/Site: Scott Figgie Area 1 BCP

480-202540-7

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| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | |
|---------------|------------------|--------|----------------|----------------|--|
| 480-202378-1 | MW-36S | Water | 10/05/22 12:15 | 10/05/22 16:50 | |
| 480-202378-2 | MW-36D | Water | 10/05/22 11:35 | 10/05/22 16:50 | |
| 480-202379-1 | A1-GP09-S | Water | 10/05/22 13:00 | 10/05/22 16:50 | |
| 480-202380-1 | A1-GP16-S | Water | 10/05/22 14:50 | 10/06/22 10:01 | |
| 480-202443-1 | MW-38D | Water | 10/06/22 12:20 | 10/06/22 16:40 | |
| 480-202443-2 | A1-GP06-S | Water | 10/06/22 14:05 | 10/06/22 16:40 | |
| 480-202443-3 | A1-GP18-S | Water | 10/06/22 09:25 | 10/06/22 16:40 | |
| 480-202443-4 | MW-37D | Water | 10/06/22 10:35 | 10/06/22 16:40 | |
| 480-202443-5 | MW-39D | Water | 10/06/22 11:30 | 10/06/22 16:40 | |
| 480-202443-6 | A1-GP02-S | Water | 10/06/22 13:15 | 10/06/22 16:40 | |
| 480-202443-7 | A1-GP15-S | Water | 10/06/22 15:00 | 10/06/22 16:40 | |
| 480-202482-1 | CB-1 | Water | 10/07/22 08:00 | 10/07/22 14:50 | |
| 480-202482-2 | CB-2 | Water | 10/07/22 07:40 | 10/07/22 14:50 | |
| 480-202482-3 | CB-3 | Water | 10/07/22 06:40 | 10/07/22 14:50 | |
| 480-202482-4 | CB-4 | Water | 10/07/22 07:00 | 10/07/22 14:50 | |
| 480-202482-5 | CB-E | Water | 10/07/22 07:10 | 10/07/22 14:50 | |
| 480-202482-6 | TP-5 | Water | 10/07/22 08:20 | 10/07/22 14:50 | |
| 480-202482-7 | TP-6 | Water | 10/07/22 08:40 | 10/07/22 14:50 | |
| 480-202482-8 | DUPLICATE | Water | 10/07/22 08:00 | 10/07/22 14:50 | |
| 480-202482-9 | MW-35D | Water | 10/07/22 08:45 | 10/07/22 14:50 | |
| 480-202482-10 | MW-40D | Water | 10/07/22 12:35 | 10/07/22 14:50 | |
| 480-202482-11 | MW-42S | Water | 10/07/22 13:25 | 10/07/22 14:50 | |
| 480-202482-12 | MW-35S | Water | 10/07/22 10:00 | 10/07/22 14:50 | |
| 480-202482-13 | A1-GP06-S | Water | 10/07/22 08:45 | 10/07/22 14:50 | |
| 480-202482-14 | TRIP BLANK | Water | 10/07/22 06:30 | 10/07/22 14:50 | |
| 480-202540-1 | RINSE BLANK | Water | 10/10/22 14:00 | 10/10/22 16:40 | |
| 480-202540-2 | A1-GP10-S | Water | 10/10/22 09:45 | 10/10/22 16:40 | |
| 480-202540-3 | MW-30 | Water | 10/10/22 12:30 | 10/10/22 16:40 | |
| 480-202540-4 | MW-43S | Water | 10/10/22 11:20 | 10/10/22 16:40 | |
| 480-202540-5 | MW-44S | Water | 10/10/22 13:20 | 10/10/22 16:40 | |
| 480-202540-6 | A1-GP14-S | Water | 10/10/22 11:45 | 10/10/22 16:40 | |

Water

10/10/22 08:00 10/10/22 16:40

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Job Number: 480-202378-1

Client: AECOM

Login Number: 202378 **List Source: Eurofins Buffalo**

List Number: 1

Creator: Yeager, Brian A

| oroator: rougor, 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 | |
| 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 Number: 202379 List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

| ordatori Otopa, Erik O | | |
|--|--------|---------|
| 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 Number: 202380 List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

| ordatori Otopa, Erik O | | |
|--|--------|---------|
| 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 | |

Eurofins Buffalo

Login Number: 202443 List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

| 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 | |
| | | |

List Number: 202443
List Number: 2
List Creation: 10/08/22 11:16 AM

Creator: Cunningham, Caroline R

| Creator: Cunningnam, Caroline R | | |
|---|--------|--|
| Question | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td>Lab does not accept radioactive samples.</td> | N/A | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact. | True | 1963680 |
| 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 | 1.6°C |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | N/A | Received project as a subcontract. |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

Login Number: 202482 List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

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

Eurofins Buffalo

List Number: 202482
List Number: 2
List Creation: 10/12/22 04:00 PM

Creator: Reynolds, Jamie K

| oreator. Neyriolus, Jaille K | | |
|---|--------|---|
| Question | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td>Lab does not accept radioactive samples.</td> | N/A | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact. | True | 1963695, 1963696 |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 0.6°C, 0.4°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 <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | Check done at department level as required. |
| | | |

Login Number: 202540 List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

| ordator. rougor, Erian 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 | |
| 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 | |

Eurofins Buffalo

List Number: 202540
List Number: 2
List Creation: 10/12/22 04:00 PM

Creator: Reynolds, Jamie K

| oreator. Neyriolus, Jainie N | | |
|---|--------|---|
| Question | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td>Lab does not accept radioactive samples.</td> | N/A | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact. | True | 1963695, 1963696 |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or ampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 0.6°C, 0.4°C |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| s 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 <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | Check done at department level as required. |
| | | |

Eurofins Buffalo

| 10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991 | Chain of | Chain of Custody Record | cord | _ | | | | | | - Gn | : eurotins | Environment Testing America |
|---|--------------------------|---|--|---|----------------------|--------------------|------------------|-------------------------------------|------------|---|-----------------------------|--------------------------------------|
| Client Information | Sampler Ollin Hurracks | | Lab PM Fischer, Brian J | _ | | | Carrier | Carrier Tracking No(s) | 40(s). | COC No 480-17 | COC No: 480-176659-19195 | 35.2 |
| Citent Contact Mr. Dino Zack | 866 | 22 | E-Mail Brian Fischer@et.eurofinsus.com | et eurofir | isus.com | | State | State of Origin | 7/ | Page Page 2 of | 2 of 4 | |
| Company: AECOM | PWSID | | | | Ana | Analysis R | Requested | pe | | Job # | | |
| Address One John James Audubon Parkway Suite 210 | Due Date Requested: BLPO | STD | W/A | | | | | | | Prese | Preservation Codes | es: M - Hexane |
| Gity. Amherst | TAT Requested (days): | | No. of Contract of | | | | | | | B - Na(C - Zn | B - NaOH C - Zn Acetate | N - None O - AsNaO2 P - Na2O4S |
| State, Zip. NY, 14228 | oliance Project: A Yes | | | | | | | | | E Nat | | Q - Na2S203 R - Na2S203 |
| Phone 716 866 8222 | PO#. 142167 | | le le | | | | | | | G-A-H | - | S - H2SO4 T - TSP Dodecahydrate |
| om.com | wo# 60676146 | | | ols. | a | | _ | · | | | | V - MCAA W - oH 4-5 |
| Project Name. Oct-22 | Project #. 48011352 | | 10 80 | O_eisit | | 1 | | Carbor | | K-EDTA | | Y - Trizma Z - other (specify) |
| Site | SSOW# | | Y) ds | ite, Ni | | stoT , | | | | of con | | |
| Sample Identification | Sample Date Time G: | Sample Matrix Type Sasold. (C=comp, owassoid. G=grab) BT-frace, Ada;) | Field Filtered S Perform MS/M: 8260C - TCL list | 353.2, 353.2_Nit. | 3200_Fe+3_D_C | 310.2 - Alkalinity | 88K_175 - meth | 108 - 085_0.005 10 IstoT - A0809 | | redmuM istoT | Special Ins | Special Instructions/Note: |
| | X | ation Code. | X | ۵ 2 | 10 | z | 4 | - | | | | |
| - GO- MW | | Water | | | | | | | | | | |
| 44 GP95-6 | | Water | | | | | | | | 3 | | |
| 41-0F19-G- | | Water | | | | | | | - | 85 | | |
| A1.CD18 6- | | Water | | | | | | | | | | |
| MW 425 | | Water | | | | | | | | | | |
| -05-MM | | Water | | | | | | 480-7 | 7378 | 480-202328 Chair 6 | | |
| MM 35S | | Water | | | | | - | | | airi or Custo | λς. | |
| WW-55D | | Water | | | | | | | | | | |
| MW-36S | 5121 7215101 | G Water | 8 | | | | | 7 | | 5 | | |
| MW-36D | 1015/22/135 | 6 Water | 3 | | | | | 7 | | 5 | | |
| #WY.STD | | Water | | | | | | | | 48 | | |
| ant | Poison B Unknown Rad | Radiological | Sample | le Disposal (A 1 Return To Client | al (A fee Client | may be | assess Dispos | assessed if san Disposal By Lab | nples ar | Sample Disposal (A fee may be, assessed if samples are retained longer than 1 month) Return To Client Obsposal By Lab Archive For Mon | ger than 1 | month) Months |
| Deliverable Requested: I, III, IV, Other (specify) | | | Special | Special Instructions/QC Requirements | ons/QC F | Requirem | ents: | | | | | |
| Empty Kit Relinquished by: | Date: | | Time: | | | | | Method of Shipment | hipment | | | |
| Relinquished by: Limit Hong | 3/ 22/53 | Sompany Com | | Received by | SM | chin | 7 | the | ate/Time: | 1510 | 2 16 | Sompany of |
| Relinquished by | Date/Time | Company | Rec | Received by: | | | | | Date/Time | | | Company |
| Relinquished by | Date/Time | Company | Rec | Received by | | | | | Date/Time: | | | Сотрапу |
| Custody Seals Intact: Custody Seal No. | | | ⁸ | Cooler Temperature(s) °C and Other Remarks. | iture(s) °C | and Other | Remarks | J) | | | | |
| | | | | | | | | | | | | Ver: 06/08/2021 |

🔆 eurofins

Carrier Tracking No(s)

Chain of Custody Record

0 - ANNaO2
P - Ma2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acctione Special Instructions/Note: Ver: 06/08/202 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) 000 480-176659-19195.3 Preservation Codes: A - HCL
B - NaOH
C - Zn Acetate
C - Ntric Acid
E - NahSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid Page 3 of 4 1 · Ice J · DI Water K · EDTA Archive For # Total Number of containers S Sold Time Date/Time lethod of Shipment 1 Disposal By Lab nodraS pinagro latoT - A080e State of Origin **Analysis Requested** etallu2 - 082_0.008 3 Cooler Temperature(s) °C and Other Remarks Special Instructions/QC Requirements RSK_175_CO2_D5 - Carbon dioxide 310.2 - Alkalinity, Total CB Fischer, Brian J E-Mail: Brian Fischer@et.eurofinsus.com SM4500_S2_D - Sulfide Return To Client 3200 Ee+3 D Cal, 3500 FE D Received by 153.2, 353.2_Nitrite, Nitrate_Calc 8260C - TCL IIst OLM04.2 AECON 2 (OH TO BOY) GEMISH mother Time Field Filtered Sample (Yes or No) Preservation Code: Water Matrix Water Water Water Water Water Water Water Water Water Water Radiological Type (C=comp, G=grab) Sample 1650 COLLIN HUNDOUS 9 Der 60 Due Date Requested: 5TD 300 Sample 2/6 866 Date/Time 16/5/22 Date Unknown (AT Requested (days) 10/5122 Sample Date WO#: 60676146 Project #: 48011352 PO# 142167 Date/Time Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) One John James Audubon Parkway Suite 210 Custody Seal No. mound Flammable Possible Hazard Identification Empty Kit Relinquished by 718811 Custody Seals Intact: Client Information dino zack@aecom.com Sample Identification Non-Hazard Client Contact
Mr. Dino Zack 100100 S 9000 elinquished by 90400 linquished by A1-GP09-S 1000 State, Zip: NY, 14228 1 000 M 1 254 W 1-GP02-S roject Name 400 W 435 W-38D Company Amherst Oct-22 Address :euou

Ver: 06/08/2021

| | Eurofins Buffalo 10 Hazelwood Drive Amherst, VY 14228-2298 | Cha | hain of Custody Record | stody R | ecord | | | | | | | 💸 eurofins | rofins | Environment Testing America |
|------|---|-----------------------|------------------------|--|---|--|--------------|-------------|--------------------|------------------------|-----------------------------|-----------------------------------|-----------------------------|--------------------------------------|
| | Client Information | Sampler (AII.) | 12-rocues | Lab P Fisch | Lab PM Fischer, Brian J | | | | Carrier Tra | Carrier Tracking No(s) | - | COC No. | COC No. 480-176659-19195 | 35.4 |
| | Client Contact Mr. Dino Zack | 10 | 6 8222 | E-Mail Brian | E-Mail Brian Fischer@et.eurofinsus.com | et.eurofins | us.com | | State of Origin | Ngin V | 8 | Page 4 | of 4 | |
| | Company. AECOM | | PWSID | | | | Analysis | sis Req | Requested | | | # qor | | |
| | Address: One John James Audubon Parkway Suite 210 | Due Date Requested: | 570 | | | | | | | | | Preserv | Preservation Codes | es: M - Hexane |
| | City Amherst | TAT Requested (days): | 00 | | | | | | | | | B - NaOH C - Zn Acetate | | N · None O · AsNaO2 P · Na2O4S |
| | State, ZIP: NY, 14228 | | A Yes A No | | | | | | | | | E - NaHS | | Q - Na2SO3 R - Na2S2O3 |
| | 7728 998 7 | PO#: 142167 | | | (0 | | | • | | | | G - Amch | P | S - H2SO4 T - TSP Dodecahydrate |
| | | wo# 60676146 | | | | ple | a | bixoit | snedt | ı | | | | V - MCAA W - pH 4-5 |
| | Project Name Oct-22 | Project # 48011352 | | | TO 86 | O_estant | | | e/ensh | Carbor | | L-EDA | | Y - Trizma Z - other (specify) |
| | Site | \$SOW# | | | N) ds | iN ,esti | | | | oinag | | of cot | | |
| | | Sar | Sample (C=comp, | Watrix (wwwster, Sasolid, Owwasteroid, | MSM moon from MS/M soc - TCL list | no11 - 7.0 | 14200 25 D · | V_175_CO2_I | M_175 - meth | 10 lajoT - A08 | | redmuM isi | | |
| Pac | Sample Identification | Sample Date Ti | Time G=grab) | B = | dX | - - | + | | - | 06 < | | | pecial Ins | Special Instructions/Note: |
| ae 9 | ALGPIAS | | | Water | | | | | | | | | | |
| 3 of | A16946 E- | | | Water | | | | | | | | | | |
| f 10 | A1-GP16-S | HI 72/5/01 | 50 62 | Water | 3 | | | | | 2 | | 5 | | |
| 5 | Frip Diank | | | Water | | | | | | | | F.83 | | |
| , | Trip Blank | | | Water | | | | | _ | | | 50.4 50.6 | | |
| | | | | | | | | | -08 | 202380 | 480-202380 Chain of Custody | Custody | | |
| | | | | | | | | | | | | | | |
| | Possible Hazard Identification Non-Hazard — Flammable — Skin Imlant — Pois | Poison B Unknown | Radiological | sal | Sample | Sample Disposal (A fee may be assessed if samples | I (A fee I | nay be a | be assessed if sam | if samp 3y Lab | les are re | are retained longer than 1 month, | er than 1 i | month) Months |
| | ested: I, II, III, IV, Other (specify) | | | | Special | Special Instructions/QC Requirements: | ns/QC Re | quiremer | | | | | | |
| | linquished by: | Date | | | Time | | 1 / | | Meth | Method of Shipment | ment | | | |
| | Curren | Date/Time. | 057 | Company | E Cent Rec | Received by | , LAKE | Law | 11/1/19 | 12 | Date/Time (O | 22/51 | 21650 | Company |
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| 2022 | Custody Seals Intact: Custody Seal No. | | | | 8 | Cooler Temperature(s) °C and Other Remarks. | ure(s) °C an | d Other Re | narks. | | | | | |
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| C S C C C C C C C C | Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991 | | | | Amento |
|--|---|------------------------|--|--|---|
| The State | Client Information | (e/(:) | Lab PM: Fischer, Brian J | Carrier Tracking No(s): | COC No. 480-176659-19195.1 |
| Compared | Clent Confact Mr Dino Zack | 716 866 822 | E-Mail: Brian. Fischer@et.eurofinsus.com | | Page: Page 1 of 4 |
| | Company AECOM | | lysis | equested | Job # |
| | Address: One John James Audubon Parkway Suite 210 | | | | ပ္ပိ |
| | Oly: Amherst | 0 | | | |
| 16 866 8222 112/16 1 | State, Z.p. NY, 14228 | ct: A Yes | | | |
| Comparison Com | 278 998 91. | PO# 142167 | | | D |
| Sample Date Matrix Sample Carloon Sample Carloon Carlo | Email: dino.zack@aecom.com | WO#: 60676146 |) Salc | anerit | I - Ice J - DI Water |
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| Sample Date Tripe (Corons Corons Coron | Sile | #MOSS | OLMO4 OLMO4 ite, Nitr sl, 3500 Sulfide | este O zinaç | Other: |
| Sample Date Time Graph Image Freservation Code: X A N D N GB N N A N A Y Y Y Y Y Y Y Y Y | | Sample Type (C=comp, c | aid Filtered S 60C - TCL list 60C - TCL list 73.2, 353.2 With 70.7 - Iron 60C - Fe+3 D.Ca 64500_S2.D - 3 64500_S2.D - 3 | stlu2 - 082_0.0 19102 - 082_0.0 1910 IstoT - A03 | |
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| Sals Intact: Custody Seal No: Cooler Temperature(s) °C and Other Remarks: 3/9 # ICE | Reinquished by | | | Date/Time: | Company |
| Cooler Temperature(s) °C and Other Remarks: 3,9 \(\mathbb{T} \) \(\mathbb{T} \) (E | Reinquished by: | | | Date/Time | Company |
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| Eurofins Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax 716-691-7991 | Chain of Custody Record | ody Recor | p | | | eurofins Environment Testing America |
|--|--------------------------------|--|--|------------------------|---------------------|--|
| Client Information | Sampler Collin Homo CES | Lab PM: Fischer, Brian | ף | Carrier Tracking No(s) | | COC No. 480-176659-19195.2 |
| Client Contact Mr. Dino Zack | 20 | E-Mail: Brian Fische | E-Mait Brian. Fischer@et.eurofinsus.com | State of Origin | Page | Page Page 2 of 4 |
| Company: AECOM | | | Analysis Requested | quested | # qor | ** |
| Address. One John James Audubon Parkway Suite 210 | Due Date Requested: STD | erije grazi | | | Pre | |
| City. Amherst | TAT Requested (days): | | | | ▼ m ∪ i | |
| State, ZIP. NY, 14228 | Compliance Project: Δ Yes Δ No | | | | Ш | |
| Phone 71686 8222 | PO# 142167 | (6 | | | . 9 H | |
| Email: dino.zack@aecom.com | W0 # 60676146 | | C | | | |
| Project Name. Oct-22 | Project # 48011352 | | C.FE_I | | | K - EDTA Y - Trizma L - EDA Z - other (specify) |
| Site | SSOW# | | nite, Nin al, 350 Sulfide | əte | noo to | |
| Sample Identification | Sample Date Time G=cmp, o | Matrix (W-water. S=solid, O-wastell) Pield Fillsteed | 3260C - TCL list 363.2, 363.2 Juliu 200.7 - Iron 3600_Fe+3_D_C 5M4500_S2_D - 510.2 - Alkalinity 340.2 - Alkalinity | 306.0_28D - Sulf | Tedmuh Isto | Snecial Instructions Note |
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| ant 🗀 | Poison B Unknown Radiological | Sam | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Mon | Disposal By Lab | les are retained lo | onger than 1 month) For Months |
| V, Oth | | Spec | Special Instructions/QC Requirements | nts. | | |
| Empty Kit Relinquished by: | Date: | Time | | Method of Shipment | ment | |
| Relinquished by Curr Harra | 10/6/12 1640 | Elan | Received by WW (HCV | (14.dby)/ | 10/01 | 22 (646 14 |
| | | | } | Dat | Date/Time | Company |
| Relinquished by | Date/Time. Con | Company | Received by | Oat | Date/Time | Company |
| Custody Seals Intact: Custody Seal No.: | | | Cooler Temperature(s) °C and Other Remarks | emarks | | |
| | | | 11 | 9 | 7 8 | Ver: 06/08/2021 |

Environment Testing

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arrier Tracking No(s)

Chain of Custody Record

Phone: 716-691-2600 Fax: 716-691-7991

Amherst, NY 14228-2298

10 Hazelwood Drive

Eurofins Buffalo

N - None
O - ANAO2
P - NA2O4S
Q - NA2C9C
R - NA2SC03
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MGAA
W - pH 4-5
Y - Trizma Special Instructions/Note: Z - other (specify) Ver: 06/08/2021 Months 480-176659-19195.3 Preservation Codes C - Zn Acetate
D - Nitric Acid
E - Natho Acid
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - Di Water
K - EDTA Page 3 of 4 Total Number of containers Date/Time Method of Shipmen 9000A - Total Organic Carbon ィ State of Origin **Analysis Requested** Cooler Temperature(s) °C and Other Remarks. 42K_175 - methane/ethane/ethene Special Instructions/QC Requirements: MM (CVC) 310.2 - Alkalinity, Total 8 2 M4200 25 D - 2 milige Brian.Fischer@et.eurofinsus.com no11 - 7.00S ۵ Received by: Received by: 153.2, 353.2 Nitrite, Nitrate_Calc Lab PM: Fischer, Brian J × Company

Company (off to self) GEM/SM michel Time E-Mail BT=Tissue, A=Air) (W=water. S=solid. O=waste/oil. Preservation Code: Matrix Water Water Water Water Water Water Water Water Water Water Water Company 2778 Type (C=comp, Radiological G=grab) Hrass 029 Sample 5 S Due Date Requested: 5701130 716 866 RPBO Sample Time 1315 Collin Unknown Date AT Requested (days): 22/9/01 72/9/o1 Sample Date 10/6/22 Project #: 48011352 60676146 PO#. 142167 Date/Time # OM Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify One John James Audubon Parkway Suite 210 Custody Seal No.: Come A1-6002-5 Flammable Possible Hazard Identification mi 988 91 Empty Kit Relinquished by Custody Seals Intact:

Δ Yes Δ No Client Information dino.zack@aecom.com Sample Identification Non-Hazard Mr. Dino Zack 7-0P92.S T-CP00 S 1-Spec 6-Phone ri-GPTD-9 elinquished by: elinquished by: 3 81 d 5 t 4 elinquished by State, Zip: NY, 14228 Project Name CC+ ANIM city: Amherst 97 AN CHT-MM Company MW-39D COT-AMA Oct-22 Site Address

10/26/2022

eurofins Environment Testing

Carrier Tracking No(s)

Chain of Custody Record

Lab PM

T - TSP Dodecahydrate Special Instructions/Note: other (specify) Ver: 06/08/2021 N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 U - Acetone V - MCAA W - pH 4-5 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon 7000 480-176659-19195.4 Preservation Codes A - HCL
B - NaOH
C - Zn Acetate
C - Zn Acetate
D - Nitric Acid
F - NahSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid Page Page 4 of 4 Job #: loe Di Water - EDTA War (UC) Batertime (O/O/O) Total Number of containers Method of Shipment 3 M 9060A - Total Organic Carbon State of Origin **Analysis Requested** etstlu2 - G82_0.008 Cooler Temperature(s) °C and Other Remarks Special Instructions/QC Requirements: SK_175_CO2_D5 - Carbon dioxide 310.2 - Alkalinity, Total CB 2M4200_52_D - Sulfide Brian. Fischer@et.eurofinsus.com 600_Fe+3_D_Cal, 3500_FE_D Received by Received by Received by 353.2, 353.2 Mitrite, Mitrate_Calc Fischer, Brian J (oh so seY) GEM/SM mnohe Company Com Time Field Filtered Sample (Yes or No) E-Mail Preservation Code: Water Water Water Water Water 2728 Radiological (C=comp, G=grab) Sample Type 047/ ٥ CUIT. HUNDLES De 100 A Yes A No 570 1500 Sample 886 Date Unknown TAT Requested (days): Due Date Requested: Compliance Project: Jate/Time 10/16/12 9/1 Sample Date 22/9/01 wo#. 60676146 Project # 48011352 Jate/Time PO# 142167 Phone Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) One John James Audubon Parkway Suite 210 Custody Seal No. Flammable | Possible Hazard Identification uers The Empty Kit Relinquished by: 711866 Custody Seals Intact: A Yes A No Client Information dino zack@aecom com Sample Identification Non-Hazard Mr. Dino Zack inquished by. inquished by 11-6P 16-5 elinquished by A1-GP15-S State, Zip NY, 14228 CP14 6 P Blank Project Name rip Blank AECOM Amherst Oct-22

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

Page 97 of 105

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| A fee may be a second dioxide a second d | marks. |
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| Eurofins Buffalo 10 Hazekwood Dive Amherst, NY 14228-2298 Phone 716-691-7991 Client Information Client Contact Mr. Divo Zack Company: Amherst Size, Zio. NY. 14228 Phone Tile \$8.22 Final Client Contact NY. 14228 Phone Tile \$8.22 Final Client Contact NY. 14228 Phone Tile \$8.22 Final Client Contact Size Zio. Size CB-1 CB-1 CB-2 CB-1 CB-2 CB-4 CB-6 Duplicate Rinse Blank MW-35D MW | Custody Seals Intact: Custody Seal No.: A Yes A No |

: eurofins

arrier Tracking No(s)

Chain of Custody Record

T - TSP Dodecahydrate Special Instructions/Note: Ver: 06/08/2021 N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma Months A House Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon COC No. 480-176659-19195.2 Preservation Codes A - HCL
B - NaOH
C - Zn Acetate
C - Nitro Acid
E - NahSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid 22 Page: Page 2 of 4 Job# · DI Water 〈 - EDTA L - EDA Total Number of containers Method of Shipment State of Origin \prec メイメ nodisO cinsgiO IstoT - A0806 Analysis Requested Cooler Temperature(s) °C and Other Remarks RSK_175 - methane/ethane/ethene Special Instructions/QC Requirements Y XX SSK_175_CO2_D5 - Carbon dioxide X De メメヤ 2M4500_52_D - Sulfide CB E-Mail. Brian. Fischer@et.eurofinsus.com Return To Client 7 3200 Fe+3 D Cal, 3500 FE D Received by 7 X 353.2, 353.2_Nitrite, Nitrate_Calc Lab PM: Fischer, Brian J X 3260C - TCL Iist OLM04.2 erform MS/MSD (Yes or No) Time Field Fiftered Sample (Yes or No) Company Matrix Preservation Code: Water Water Water Water Water Water Water Water Water Water Water Radiological Sample Type (C=comp, G=grab) 25/21 0 0 0 2 A Yes A No TAT Requested (days): STD Sample Time 07112/1325 000 200 Date Unknown 2216/0 Due Date Requested: Compliance Project: 9/ 16/7122 Sample Date なだら 1 WO# 60676146 Project #: 48011352 SSOW#: Date/Time 142167 Poison B Skin Irritant | Non-Hazard | Flammaore | Poliverable Requested: |, II, III, IV, Other (specify) Suite 210 Custody Seal No. uni Herm One John James Audubon Parkway 716 86 Possible Hazard Identification Empty Kit Relinquished by: Custody Seals Intact:

Δ Yes Δ No 茶 Client Information dino.zack@aecom.com Sample Identification Mr. Dino Zack elinquished by dinquished by ndnished by 1-GP06.S 1-6048 S SPIUS State, Zip: NY, 14228 100€ 100€ - 06 MM SOC-MAIN DAR-SED Company: AECOM MW-42S MW-40D MW-35S Amherst Oct-22

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

Page 99 of 105

| | Eurofins Buffalo 10 Hazelwood Drive Ambrest, NY 14228-2298 Phone: 716-691-2600 Fav. 716-691-7991 | Chain of Custody Record | tody Rec | ord | | | र्ंं eurofins | Environment Testing America |
|-------|--|---|--|---|--|--|-------------------------------------|---------------------------------------|
| | Client Information | Sampler CH/02 | Lab PM Fischer, Brian J | 3rian J | Carrie | Carrier Tracking No(s): | COC No. 480-176659-19195 | 95.3 |
| | Client Contact Mr. Dino Zack | Phone 716 866 822 | 2 | E-Mail Brian Fischer@et eurofinsus.com | | State of Origin | Page 3 of 4 | |
| | Company AECOM | M | | | Analysis Requested | | # doc | |
| | Address: One John James Audubon Parkway Suite 210 | Due Date Requested: | E546 | 55.00 | | | lš | es: M - Hexane |
| | City. Amherst | TAT Requested (days): | | | | | B NaOH C - Zn Acetate | N · None O · AsNaO2 P · Na2O4S |
| | NY, 14228 | oliance Project: A | | | | | | Q - Na2SO3 R - Na2S2O3 |
| | Phone 716 868 8722 | PO#. 142167 | (0 | res and | | | О | S - H2SO4 T - TSP Dodecahydrate |
| | Email: dino.zack@aecom.com | wo# 60676146 | | ole | •bixoit | ı | | U - Acetone V - MCAA W - pH 4-5 |
| | Project Name: Oct-22 | Project # 48011352 | | 2.1 D_ets1 | nod1 | nodis | | Y - Trizma Z - other (specify) |
| | Site | SSOW# | | OLM04 | Sulfide IstoT , | | oop to | |
| | | Sample | Matrix (wwwater, S=solld, O=washvoll, | 60C - TCL IIst 1 3.2, 353.2_Nitr 0.7 - Iron | M4500_52_D - 5 0.2 - Alkalinity iK_175_CO2_E iK_175 - metha | stlu2 - | o and muber of | |
| Pag | Sample Identification | Sample Date Time G=grab) 81*Thsus, A*A Preservation Code: | E K | 20 C 20 Z 28 Z | NS C | + | | Special Instructions/Note: |
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| 00 | MIVV-39D | | Water | | | | 1 39 | |
| of 10 | MAW 40B- | | Water | | | | | |
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| , | ************************************** | | Water | 3 | | E L | 200 | |
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| | A1 6000 6 | | Water | | | | | |
| | A1-0P18-6 | | Water | | | | | |
| | ant | Poison B Unknown Radiological | S | ample Disposal (A 1 | 4 fee may be asses | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Sposal By Lab Hordine For Mor | tained longer than 1 Archive For | month) Months |
| | Deliverable Requested I, II, III, IV, Other (specify) | | S | Special Instructions/QC Requirements | ac Requirements: | | | |
| | Empty Kit Relinquished by: | Date | Time | 20 | 14 | Method of Shipment: | , | |
| | Relinquished by Court MMM | 10/7/22 14Q | Company | | Will | Date/Timer | 34/48 | Subediales |
| 10/ | Relinquished by: | Date/Time. | Company | Received by: | | Dåle/Time | | Compañy |
| 26/2 | Relinquished by | Date/Time. | Company | Received by | | Date/Time: | | Company |
| 2022 | Custody Seals Intact: Custody Seal No.: △ Yes △ No | | | Cooler Temperature(| Cooler Temperature(s) °C and Other Remarks | | | |

Ver: 06/08/2021

| Clear in from tion Chief | 10 Hazelwood Drive Amherst, NY 1428-2298 Phone 716-691-2600 Fax 716-691-7991 | Chain of Custody Record | tody Record | | s eurorins | Environment Testing America |
|--|--|-------------------------|---|---------------------------------------|---------------------------------|-----------------------------------|
| 1 | Client Information | Sampler: CH/OZ | Lab PM Fischer, Brian J | Carrier Tracking No(s) | COC No. | |
| Analysis Requested Analysi | Client Contact Mr. Dino Zack | 7/6 866 8 | E-Mail: Brian Fischer@et.eurofinsus.com | State of Origin | Page: | |
| Control Cont | Company: AECOM | | Analy | sis Requested | Job# | |
| | hn James Audubon Parkway | Due Date Requested: STD | | | Preservation Code | as: M - Hexane |
| | City: Amherst | 00/0 | | | B - NaOH C - Zn Acetate | N-None O-AsNaO2 |
| Committee Comm | State, Zip NY, 14228 | SeY ∆ | | | | C - Na2SO3 R - Na2S2O3 |
| Sample S | 99% 9/ | PO# 142167 | (0 | | | S · H2SO4 T • TSP Dodecahydr |
| Sample Date | Email dino zack@aecom.com | wo # 60676146 | ole: | pueue | i - Ice J - DI Water | V - MCAA |
| Sample Date Sample Date Sample Water Sample Cargoop | Project Name Oct-22 | Project #. 48011352 | es or I | o nodii | | Y - Trizma Z - other (specify) |
| Sample Carper C | Site | SSOW# | SD (Y | D5 - Ca ane/eth | | |
| Tricetion Sanite Unit Carlo Sanite Carlo Water | | Sample C=comp. | eid Filtered 5 erform MS/M 560C - TCL list 53.2, 353.2 Ultu 70.7 - Iron 500 Fe+3_D_C | SK_175_CO2_ SK_175 - meth | | |
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| Sample Disposal (A fee may be assessed if samples are retained longer than 1 mc | | | | | | |
| Inquished by Date: Time: Time: Date: Time: Date: Time: Date: Time: Date: Date: Date: Time: Date: | [] | Unknown | Sample Disposal (A fee r | may be assessed if sample | es are retained longer than 1 i | month) Months |
| Impairs big Date Time: Date Time: Company Received by: Method of Shipment Cutiv jum Date Time: Company Received by: Date Time: Date Time: Date Time: Company Received by: Date Time: Date Time: A No. Cooker Temperature(s) °C and Other Remarks: Date Time: | Deliverable Requested: I, II, III, IV, Other (specify) | | Special Instructions/QC Re | equirements | | |
| Company Received by CMM PaterTime. DaterTime. DaterTime. Company Received by CMM DaterTime. Company Received by DaterTime. Company Received by DaterTime. | Empty Kit Relinquished by | Date: | Time: | // Method of Shipm | nent. | |
| Pate/Time: Company Received by. Cooler Temperature(s) °C and Other Remarks: | | 07152 1460 | Scom | M Dates | 1/4 | Company |
| Custody Seal No∴ | Reinquished by | | | Date | Time: | Company |
| | | | Cooler Temperature(s) °C an | d Other Remarks: | | |

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-7991

eurofins Environment Testing America

| Client Information | | Lab PM: | Carrier Tracking No(s): | COC No |
|--|----------------------------------|--|--------------------------------|-------------------------------------|
| Client Contact: | reca | Fischer, Brian J | | 480-176659-19195.1 |
| Mr. Dino Zack | 71/2 866 8222 | E-Mail: Brian.Fischer@et.eurofinsus.com | State of Origin. | Page: |
| Company: | | | | rage 1 of 4 Job#: |
| Address: | Due Date Requested: | Analysis Requested | quested | |
| One John James Audubon Parkway Suite 210 | 570 | | | Preservation Codes: |
| Amherst | ا ښا | | | |
| State, Zip. | 7 | | | C - Zn Acetate O - AsNaO2 |
| | Compliance Project: A Yes A No | <i>Y</i> | | |
| 116 866 8222 | PO# 142167 | | | G - Amchlor T TOS 2 |
| Email: | #0M | | | H - Ascorbic Acid 1 - 1SP Dodecahyd |
| Project Name | 60676146 | Oslo Oslo | ıpeu | |
| Oct-22 | Froject #: 48011352 | S Or ste_ | arbor | K - EDTA W - pri 4-5 |
| Site: | SSOW# | D (Yee) LM04 e, Nitr | e/eths | 2 - other (specify) Other: |
| | | S/MSI S/MSI list O Nitrito (Nitrito | othan ulfate sgnO | |
| | Sample Type | Matrix (Wawaler, Sassie) Sasolid, 175_CO | - S71 S - G82 S - Total | |
| Sample Identification | Sample Date Time G=grab) BT=Tiss | Field Perfe 82600 3500.7 3500. | 88K_ 300.0 300.0 | Special Instructions/Note |
| | Preservation Code: | ode: X A N D N CB N N | ⋖ | |
| CB-1 | W | Water | | |
| CB-2 | M | Water | | |
| CB-3 | | Water | | |
| CB-4 | W | Water | | |
| H-80 | | | | |
| | W | Water | | |
| TP-5 | ·M | Water | | |
| TP-6 | M | Water | | |
| Duplicate | N . | Water | | |
| Rinse Blank | 10/10/22 14/28 6 W | Water | | |
| MW-35D | | Water | 480-202540 Chain of Custody | f Custody |
| MW-38D | M | Water | | |
| Possible Hazard Identification Non-Hazard Elammahle Cuin Irritary | | fee ma) | assessed if samples are retain | ed longer than 1 month) |
| /, Other | roson b Onkriown Radiological | Special Instructions/OC Requirements: | oosal By Lab | Archive For Months |
| Fmoty Kit Relinguished by: | 4 | | | |
| Relinquished by: | Date: | Time: | Method of Shipment: | |
| Relinantished by | Agree 10/10/22 1640 Company | Ecan Received by: | MUW Date/Time C | 0122 ((04 Company + 1) |
| . An antendance of | Date/Time: Company | ny Received by: | Date/Time: | Company |
| Г | Date/Time: Company | ny Received by: | Date/Time: | Company |
| Custody Seals Infact: Custody Seal No.: | | Cooler Temperature(s) C and Other Remarks: | lemarks: | |
| | | JT 0.0 |), | |

Chain of Custody Record

Environment Testing

🔆 eurofins

Phone: 716-691-2600 Fax: 716-691-7991

Amherst, NY 14228-2298

10 Hazelwood Drive

Eurofins Buffalo

N - None
O - Ashaoo2
P - Na2045
Q - Na2045
Q - Na2803
S - H2504
T - TSP Dodecahydrate
U - Acetone
V - MGAA
W - PH 4.5
Y - Trizma Special Instructions/Note: Z - 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 Mon COC No: 480-176659-19195.2 Preservation Codes C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid 10/28 Page: Page 2 of 4 I - Ice J - DI Water K - EDTA L - EDA 0 Total Number of containers Jate/Time: Method of Shipment State of Origin: Sarrier Tracking No(s) A 9060A - Total Organic Carbon **Analysis Requested** X X Cooler Temperature(s) °C and Other Remarks. Special Instructions/QC Requirements X SSK_175_CO2_D5 - Carbon dioxide 4 X E-Mail Brian.Fischer@et.eurofinsus.com SM4500_S2_D - Suffide メ 200 Fe+3 D Cal, 3500 FE D 0 Received by: Received by: Received by: X 353.2, 353.2_Nitrite, Nitrate_Calc Lab PM: Fischer, Brian J X SZEOC - TCL IIst OLMO4.2 × (on io seY) GSM/SM moher Time: AFCON Field Filtered Sample (Yes or No) BT=Tissue, A=Air) Matrix Preservation Code: Water Water Water Water Water Water Water Water Water Water Water Company 2728 Radiological G=grab) (C=comp, 0491 22/01/0 GIII Horacles Sample Type Per 20 S 9 Due Date Requested: STD 1230 866 Sample Time S469 72 101101 Date: Unknown TAT Requested (days) Compliance Project: 10/10122 Sample Date wo #. 60676146 Project #: 48011352 142167 Date/Time Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) un Hunn One John James Audubon Parkway Suite 210 Custody Seals Infact: Custody Seal No. Flammable Possible Hazard Identification Empty Kit Relinquished by: dino.zack@aecom.com Project Name: Client Information Sample Identification Non-Hazard Relinquished by: Mr. Dino Zack delinquished by linquished by State, Zip: NY, 14228 A1-GP10-S A1-GP06-S A1-GP18-S city. Amherst MW-42S MW-35S MW-40D MW-35D MW-36S MW-36D MW-37D AECOM MW-30 Oct-22 Phone:

Chain of Custody Record

eurofins Environment Testing America Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

| Cliont Information | | | | | Carrier Tracking No(s) | No(e) | - N 000 | |
|--|----------------------------|---|---|--------------------|--|---------------------|---|------------------------------------|
| Client Contact: | STORY LINES | | an J | | | , | 480-176659-19195.3 | 5.3 |
| Mr. Dino Zack | 7/6 8/6 | | E-Mail: Brian Eischer@ot ourgenous | | State of Origin: | 11/1/ | Page: | |
| Company. | Olswal | 7 | a @et.euronnsus. | com | | 7 7 | Page 3 of 4 | |
| AECOM | | | • | Analysis Requested | luested | | Job # | |
| One John James Audubon Parkway Suite 210 | Due Date Requested: 570 | | | | | | Preservation Codes | S: |
| City. Amherst | TAT Requested (days): | 2.00 | | | | | | M - Hexane N - None |
| State, Zip: NY: 14228 | 04727 | | | | | | | 0 - AsNaO2 P - Na2O4S |
| Phone: 716 41 412 | - [| | | | | | E - NaHSO4 F - MeOH | 0 - Na2SO3 R - Na2S2O3 |
| - 1 | 142167 | (0) | | | | | | 5 - H2SO4 T - TSP Dodecahydrate |
| dino.zack@aecom.com | WO#. 60676146 | | | | əuəı | | I - Ice | U - Acetone V - MCAA |
| Project Name: Oct-22 | Project #: 48011352 | | J_ətr | - | | | K - EDTA | W - pH 4-5 Y - Trizma |
| Site: | SSOW#: | | Hitra | ulfide | Э | | Other: | Z - other (specify) |
| Sample Identification | Sample Type Imple (C=comp, | Matrix (Wawater, Sesolid, O-waster), ii eld Filtsure A=Atr) | 3260C - TCL IIst C 153.2, 353.2 Nitri 1600_Fe+3_D_C81 | 10.2 - Alkalinity, | .SK_175 - methar 00.0_28D - Sulfat 060A - Total Orgs | | otal Number of | |
| | Preserva | × | 2 2 | E 2 | ε 2 | | | Special Instructions/Note: |
| MW-38D | | Water | 2 | 2 | 2 | | | |
| MW-39D | | Water | | | | - | | |
| MW 40D | | Water | | | | | | |
| MW-42S | | Water | | | | | 大司 (1 (4)() (5) | |
| MW-43S | 10/10/22 1120 6 | Water | د | | | | | |
| MW-44S | 1320 | Water | < > | | () | | | |
| A1-GP02-S | 1_ | Water | 2 | | | X | | |
| A1-GP18-S | | Water | | | | | | |
| A1-GP06-S | | Water | | | | | | |
| A1-GP09-S | | Water | | | | | | |
| A1-GP10-S | | Water | | | | | | |
| ant | Poison B | Sai | nple Disposal (| 4 fee may be a | ssessed if | samples are | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | nonth) |
| V, Other (specify) | | Spe | Special Instructions/QC Requirements: | ac Requiremen | Disposal By Lab ents: | ab | Archive For | Months |
| Empty Kit Relinquished by: | Date: | Time: | | | Method | Method of Shipment: | | |
| Relinquished by Affer Car my | 01/01/22 1640 | Company | Received by: | My IKON | / | i i | 0/10/27 160 | Company |
| veilirduisirea by. | Date/Time: | Company | Received by: | | | Date/Time: | 9 | Company |
| | Date/Time: Co | Company | Received by: | | | Date/Time: | | Company |
| Custody Seals Intact: Custody Seal No.: | | | Cooler Temperature(s) °C and Other Remarks: | s) °C and Other Re | marks: | | | |
| 2 | | | | | | | | |

Ver: 06/08/2021

Cooler Temperature(s) °C and Other Remarks

Chain of Custody Record

Eurofins Buffalo

10 Hazelwood Drive

Environment Testing

: eurofins

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

N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2SO3
S - H2SO4
T - TSP Dodecahydrate Special Instructions/Note: U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify) Months Company Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Sisposal By Lab Archive For Mon COC No: 480-176659-19195.4 Preservation Codes G - Amchlor H - Ascorbic Acid - Zn Acetate - Nitric Acid - NaHSO4 Page: Page 4 of 4 I - Ice J - DI Water F - MeOH Date/Time | 0 | 10 | 2 Total Number of containers Date/Time Method of Shipment: State of Origin: Carrier Tracking No(s) Disposal By Lab X nodisa Sinegio IstoT - A0806 **Analysis Requested** RSK_175 - methane/ethane/ethene Special Instructions/QC Requirements RSK_175_CO2_D5 - Carbon dioxide 310.2 - Alkalinity, Total CB SM4500_S2_D - Sulfide Brian.Fischer@et.eurofinsus.com 3200 Fe+3 D Cal, 3500 FE D 0 eceived by Received by Received by 553.2, 353.2 Nitrite, Nitrate_Calc Lab PM: Fischer, Brian J × 3260C - TCL IIst OLM04.2 × Company (oN to seY) CSM/SM mnohed Time: Field Filtered Sample (Yes or No) BT=Tissue, A=Air (W=water, S=solid, O=waste/oil, Preservation Code: Water Water Matrix Water Water Water Company 2228 Radiological Cellin Heracks Sample G=grab) (C=comp, Type 01/01/2/01/0 0 O TAT Requested (days): $\rho_{CC}\rho_{C}$ Due Date Requested: 5TD Sample 145 298 914 00/10/22 0600 Time Unknown Compliance Project: 16/10/22 Sample Date wo #: 60676146 Project #: 48011352 Date/Time 142167 Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) my One John James Audubon Parkway Suite 210 Custody Seal No. Non-Hazard Flammable Possible Hazard Identification Empty Kit Relinquished by: 116 866 Custody Seals Intact:

Δ Yes Δ No dino.zack@aecom.com Client Information Sample Identification Mr. Dino Zack linquished by: linquished by elinquished by 41-GP14-S A1-GP15-S A1-GP16-S State, Zip: NY, 14228 roject Name rip Blank rip Blank Company: AECOM Amherst Oct-22

SiREM File Reference: S-9433



Analytical Results

Client: AECOM

Client Project Number: 60676146 Date Samples Received: October 11, 2022 Date Samples Analyzed: October 17, 2022

Sample Lactate Propionate **Acetate Formate Butyrate Pyruvate** Client Sample **Client Sample ID** SiREM Reference ID Dilution Date Factor mg/L mg/L mg/L mg/L mg/L mg/L MW-42s 22-11632 10-Oct-22 1,000 <7.8 1,253 12 <4.4 71 34 A1-GP10-S 22-11633 10-Oct-22 1,000 <7.8 609 <6.2 <4.4 23 <13.8 QL 1000 7.8 10.8 6.2 4.4 8.2 13.8

| nts: |
|------|
| nts |

Method: Ion Chromatography with Electrical Conductivity Detection

QL = Quantitation limit

Laboratory Technician

< = compound analysed for but not detected, associated value is QL. Sample QL is corrected for dilution.</p>

Analyst: Results approved: Date:

Walk Sweett, B.Sc.

Kela Ashworth, B.Sc.

Senior Laboratory Technician

siremlab com Page 1 of 1



Chain-of-Custody Form

siremlab.com

180B Market Place Blvd Knoxville, TN 37922 1-865-291-4718 or 1-866-251-1747 S-9433

| Area I Byp | Project # 6 | 067 6 | 5/4/ | | | | | 14 | | Anal | lvele | | | | |
|--|-------------|---------------|------------|--------------------|---------------|---------------|---------------|----------------|---------------|----------------------|-----------------------|--------------------|---------|-----------|--|
| *Project Manager Dino Zack | Company A | E | - 12 | | - | Γ | | | | T | 70.5 | Т | | | |
| *Email Address Address (Street) Address (Street) JUhn Tames Andubon City Amberst State/Province *Phone # 116 - CEL (227) | 200 | LCOIVI | | | - | - | | | - | | v) | - | | | Preservative Key |
| Address (Street) |)// I | | | 21. | | | | | | | gases | | | | 0, None 1. HCL |
| City AmberSt State/Province my | PKW | ountry | · re | 210 | | | | 5 | | spi | carbor | > | | | 2 Other ICE |
| *Phone # 11/ Par | | 4 | > | | DHC | FGA | DHB | DHG | SRB | itty Ac | hydroc | y Stud | | | 3, Other |
| 2000-8777 | | | | | Sene-Trac DHC | Gene-Trac FGA | Gene-Trac DHB | Sene-Trac DHGM | Gene-Trac SRB | Volatile Fatty Acids | Dissolved hydrocarbon | Treatability Study | | | 4. Other5. Other |
| *Sampler's Signature *Sampler's Pi |) | 2 | | | Ger | Ger | Gen | Gen | Gen | Vola | Diss | Trea | | | 6, Other |
| Client Sample ID | Sam Date | pilng Time | Matrix | # of Containers | | | | | | | | | | | Other Information |
| mn-425 | 1011012 | | Gw | 3 | X | × | | | | | | | - | | |
| A1-GP10-S | 10110122 | | Gw | 2 | | * | Χ. | | | X | | | - | | Per Possing |
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| P.O. # Billing Information | Turnaro | and Time Re | quested | | _ | | | ab Use | 0-1 | 2011 | | | 1_ | | * |
| 147.162 | | | questeu | Cooler Co. | ndition: | 10 | nota | | 72 | co, | | | Ro | ttly and | Y(#32045 |
| *BILL TO: USAP Imasing @ appointen | No: Rus | mal 🚫 | | Cooler Ter | nperati | | | | | | | | 100 | tite visi | |
| CL. D: no , 2ack @ accome com | | | | Custody S | aale. | Yo | 5.2.C | | · [] | 088) | | | + | | |
| or year of the contract of the | | | | 1 413.61, 5 | - LIO. | 10 | V K1 | 14 | ° Ш | | | | | | |
| Relinquished By: Received By: | T | | | <u> </u> | _ | | | | | | | | | ceal #: | |
| Signature Signature What of | | gnature | elInquishe | а Ву: | Sign | nature | Rece | ived By | : | | Signatu | | quished | I Ву: | Received By: Signature |
| Name Ding 2 . k Printed Name Kutland (MCC) | WOLA Pri | nted me | | | Print | | | | | -: | Printed Name | | | | Printed Name |
| Firm HEUN FIRM SIREM | Fir | m | | | Firm | | | | | | Firm | | | | Firm |
| Date/Time 10/10/12 1530 Date/Time 10/11/22 0936 | Da | te/Time | | | Date | /Time | | | | | Date/Tim | ie | | | Date/Time |



Gene-Trac® Certificate of Analysis

Customer: Dino Zack Batch Reference: S-9742

Email: dino.zack@aecom.com Report Date: 2-May-23

Phone: 716-866-8222

Certificate Number: CAG-0395

Company: AECOM

Test Location(s): Guelph & Knoxville

Project Name: Area 1 BCP Customer Reference: 60676146

Method Reference: SOP-002, 019, 108, 114, & 116

The results included herein only apply to the samples described within and are applicable to the items as received.

SOP-116 (DNA Extraction) and SOP-114 (DNA Quantification) were performed at SiREM Knoxville, the remainder of testing was performed at SiREM Guelph.

This certificate is not to be reproduced unless in full.





Certificate of Analysis: Gene-Trac® Dehalococcoides Assay

Certificate Number: CAG-0395

Data File(s): QS3A-DHCT-TM-QPCR-2133

Run Date(s): 27-Apr-23

Table 1a: Test Results

| Sample ID | Dehalococcoides (Dhc) | | | |
|-----------|----------------------------|------------------------------------|--|--|
| | Percent Dhc ⁽¹⁾ | Enumeration/Liter ^(2,3) | | |
| MW-42S | 0.7 - 2 % | 1 x 10 ⁷ | | |

See final page for notes.

Taylor Aris, B.Sc.

Analyst: Taylor A

Genetic Testing Analyst

Approved: 노

Jen Wilkinson

Senior Genetic Testing Specialist





Certificate of Analysis: Gene-Trac® Functional Gene Assay

Certificate Number: CAG-0395

Data File(s): QS3A-FGA-QPCR-1396

Run Date(s): 28-Apr-23

Table 1b: Test Results

| Sample ID | VC Reductase (vcrA) | | | C Reductase | TCE Reductase (tceA) | |
|-----------|------------------------|-----------------------------|--------------------|-----------------------------|-------------------------|-----------------------------|
| | Percent | | | Gene | Percent | Gene |
| | vcrA (4) | Copies/Liter ⁽²⁾ | bvcA (4) | Copies/Liter ⁽²⁾ | tceA (4) | Copies/Liter ⁽²⁾ |
| MW-42S | 0.7 - 2 % | 1 x 10 ⁷ | 0.002 - 0.005 % | 3 x 10 ⁴ | 0.1 - 0.3 % | 2 x 10 ⁶ |

See final page for notes.

Analyst: Taylor Aris, B.Sc.

Genetic Testing Analyst

Approved:

Jen Wilkinson

Senior Genetic Testing Specialist



Certificate of Analysis: Gene-Trac® Dehalobacter Assay

Certificate number: CAG-0395

Data File(s): QS3B-DHB-QPCR-0633

Run Date(s): 2-May-23

Table 1c: Test Results

| Sample ID | <i>Dehalobacter</i> (Dhb) | | | |
|-----------|------------------------------|--------------------------------------|--|--|
| | Percent Dhb ⁽¹⁾ | Dhb Gene Copies/liter ⁽²⁾ | | |
| MW-42S | 0.03 - 0.1 % | 6 x 10 ⁵ | | |

See final page for notes.

Analyst: Taylor A Taylor Aris, B.Sc. **Genetic Testing Analyst**

Senior Genetic Testing Specialist

Table 2: Detailed Test Parameters, Test Certificate CAG-0395

| Customer Sample ID | MW-42S |
|--|---------------------|
| Date Sampled ⁽⁵⁾ | 12-Apr-23 |
| Matrix | Groundwater |
| Date Received ⁽⁵⁾ | 13-Apr-23 |
| Sample Temperature | 6.1 °C |
| Filtration Date ⁽⁵⁾ | 13-Apr-23 |
| Volume Used for DNA Extraction | 100 mL |
| DNA Extraction Date | 19-Apr-23 |
| DNA Concentration in Sample (extractable) | 3,608 ng/L |
| PCR Amplifiable DNA | Detected |
| DNA Extraction Control ⁽⁶⁾ | Passed |
| Detection Limit (copies/L) | 3 x 10 ³ |
| Quantitation Limit (copies/L) | 7 x 10 ³ |
| qPCR Controls (see Tables 3 - 5) | Passed |
| Comments | |

See final page for notes.

Table 3: Gene-Trac Dhc Control Results, Test Reference CAG-0395

| | | | Dhc 16 | | | |
|---------------------------------------|------------------|------------------------------|---------------------------------|------------------------------------|----------|--|
| Laboratory Control | Analysis Date | Control Description | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Comments | |
| Positive Control Low Concentration | 27-Apr-23 | Synthetic DNA (CSLD-1771) | 1.1 x 10 ⁷ | 1.4 x 10 ⁷ | Passed | |
| Positive Control High Concentration | 27-Apr-23 | Synthetic DNA (CSHD-1771) | 1.1 x 10 ⁹ | 1.1 x 10 ⁹ | Passed | |
| DNA Extraction Blank | 27-Apr-23 | Sterile Water (FB-4252) | 0 | 6.6 x 10 ² U | Passed | |
| Negative Control | 27-Apr-23 | Reagent Blank (TBD-1730) | 0 | 6.6 x 10 ² U | Passed | |

See final page for notes.

Table 4: Gene-Trac FGA Control Results, Test Reference CAG-0395

| | | | vcrA | | bvcA | | tceA | | |
|--|------------------|------------------------------|------------------------------------|---------------------------------------|------------------------------------|---------------------------------------|------------------------------------|---------------------------------------|----------|
| Laboratory Control | Analysis Date | Control Description | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Comments |
| Positive Control Low Concentration | 28-Apr-23 | Synthetic DNA (CSLF-1264) | 9.4 x 10 ⁶ | 9.7 x 10 ⁶ | 9.4 x 10 ⁶ | 1.1 x 10 ⁷ | 9.4 x 10 ⁶ | 1.2 x 10 ⁷ | Passed |
| Positive Control High Concentration | 28-Apr-23 | Synthetic DNA (CSHF-1264) | 9.9 x 10 ⁸ | 9.2 x 10 ⁸ | 1.0 x 10 ⁹ | 1.2 x 10 ⁹ | 8.8 x 10 ⁸ | 9.4 x 10 ⁸ | Passed |
| DNA Extraction Blank | 28-Apr-23 | Sterile Water (FB-4252) | 0 | 6.6 x 10 ² U | 0 | 6.6 x 10 ² U | 0 | 6.6 x 10 ² U | Passed |
| Negative Control | 28-Apr-23 | Reagent Blank (TBF-1235) | 0 | 6.6 x 10 ² U | 0 | 6.6 x 10 ² U | 0 | 6.6 x 10 ² U | Passed |

See final page for notes.

Table 5: Gene-Trac Dhb Control Results, Test Reference CAG-0395

| | | | Dhb 16 | | |
|---------------------------------------|------------------|--|---------------------------------|------------------------------------|----------|
| Laboratory Control | Analysis Date | Control Description | Spiked Gene Copies per Liter | Recovered Gene Copies per Liter | Comments |
| Positive Control Low Concentration | 2-May-23 | Synthetic DNA Fragment (CSLDB-0592) | 1.3 x 10 ⁷ | 1.3 x 10 ⁷ | Passed |
| Positive Control High Concentration | 2-May-23 | Synthetic DNA Fragment (CSHDB-0592) | 1.3 x 10 ⁹ | 1.3 x 10 ⁹ | Passed |
| DNA Extraction Blank | 2-May-23 | Sterile Water (FB-4252) | 0 | 6.6 x 10 ² U | Passed |
| Negative Control | 2-May-23 | Test Reagent Blank (TBDB-0592) | 0 | 6.6 x 10 ² U | Passed |

See final page for notes.



Notes:

Dhc = Dehalococcoides

vcrA = VC reductase

bvcA = BAV1 VC reductase

tceA = TCE reductase

FGA = functional gene assay

M Non-specific amplification was observed via melt curve analysis

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.

ng/L = nanograms per liter

mL = milliliter

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 Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

² Target quantitation is subject to the variability of the method, this variability has been demonstrated to be +/- 60%.

³ Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

⁴ Percent of functional gene in microbial population. This value is calculated by dividing the functional gene copies quantified by the total number of estimated prokaryotes in the sample (based on the total quantity of DNA extracted from the sample). A value of 100% would suggest that all microbes in the sample contain the gene.

⁵ Samples are stabilized by freezing at -80 °C upon sample reception (field filters) or in-lab filtration (groundwater). Hold time not exceeded if sampling date is within 14 days of date received or filtration date.

⁶ DNA is extracted from a standardized bacterial culture sample once per week and Total Bacteria qPCR is performed using standard methods. A recovery greater than 25% of the expected value is deemed acceptable.

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.



Chain-of-Custody Form

siremlab.com

180B Market Place Blvd Knoxville, TN 37922 1-865-291-4718 or 1-866-251-1747

| *Project Name Frea 1 BCP | *Project # | 6067 | 6146 | | I - | | | - | | Ana | lysis | | | | | |
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| *Project Manager Dina Zuch | *Company | AF/do | 40 | | - | | T | 1 | _ | T- | liyala | Т | т | 1 | т — | |
| *Email Address | | | | | ┢ | - | - | - | _ | 1 | - | | | | | Preservative Key |
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| 7/6-866-822Z | | | | | riac [| rac F | rac D | rac D | rac S | Fatty | ed hy | ollity 9 | | | | 4. Other |
| Address (Street) I Sum Somes Auduban Parking Suite Zis City Amherst State/Province York Country US *Phone # 716 - 866 - 8222 *Sampler's Signature Und Auduban Parking Sampling Sampling | | | | Gene-Trac DHC | Gene-Trac FGA | Gene-Trac DHB | Gene-Trac DHGM | Gene-Trac SRB | Volatile Fatty Acids | Dissolved hydrocarbon gases | Treatability Study | | | | 5. Other6. Other | |
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| | Date | Time | Matrix | Containers | 96 | X | X | | | ¥ | | | | | | Other Information |
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| istribution: White - return to Originator; Yellow - Lab Copy: Pink - Retained by Client | 0740 | | | | | | | | | | 210, | | | | | Date/ Iline |

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Dino Zack AECOM One John James Audubon Parkway Suite 210 Amherst, New York 14228

JOB DESCRIPTION

Scott Figgie Area 1 BCP

Generated 5/4/2023 11:09:46 AM

JOB NUMBER

480-207637-1

Eurofins Buffalo 10 Hazelwood Drive Amherst NY 14228-2298



Eurofins Buffalo

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

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

Authorization

Generated 5/4/2023 11:09:46 AM

Authorized for release by Rebecca Jones, Project Management Assistant I

Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management

Brian.Fischer@et.eurofinsus.com

(716)504-9835

Client: AECOM

Project/Site: Scott Figgie Area 1 BCP

Laboratory Job ID: 480-207637-1

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Definitions/Glossary

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|---|
| *_ | LCS and/or LCSD is outside accontance limits, high biased |

LCS and/or LCSD is outside acceptance limits, high biased.

F1 MS and/or MSD recovery exceeds control limits.

F2 MS/MSD RPD 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.

General Chemistry

| Qualifier | Qualifier Description |
|-----------|---|
| Н | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements. |
| HF | Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. |

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

Decision Level Concentration (Radiochemistry) DLC

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 Minimum Level (Dioxin) ML 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

Practical Quantitation Limit PQL

PRES Presumptive **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RI

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) **TEF** Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Eurofins Buffalo

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-207637-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-207637-1

Comments

No additional comments.

Receipt

The samples were received on 4/7/2023 1:45 PM, 4/12/2023 9:00 AM and 4/13/2023 4:20 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 2.7° C, 3.5° C and 4.9° C.

Receipt Exceptions

Method RSK-175: Preserved volume received for a unpreserved method. Method was logged but canceled. Client is going to resample: MW-40D (480-207715-1), A1-GP10-S (480-207715-2) and MW-42S (480-207715-3).

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: A1-GP06-S (480-207637-11), A1-GP02-S (480-207637-15), (480-207637-A-15 MS) and (480-207637-A-15 MSD). 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 (480-207637-14) and A1-GP16-S (480-207637-16). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-664564 recovered above the upper control limit for 2-Hexanone and 2-Butanone (MEK). 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 (480-207637-1), CB-2 (480-207637-2), CB-3 (480-207637-3), CB-4 (480-207637-4), CB-E (480-207637-5), TP-5 (480-207637-6), TP-6 (480-207637-7), DUP (480-207637-8), MW-35D (480-207637-9), A1-GP06-S (480-207637-11), A1-GP18-S (480-207637-12), MW-35S (480-207637-13), MW-39D (480-207637-14), A1-GP02-S (480-207637-15) and A1-GP16-S (480-207637-16).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-664564 recovered outside acceptance criteria, low biased, for Carbon disulfide and 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: CB-1 (480-207637-1), CB-2 (480-207637-2), CB-3 (480-207637-3), CB-4 (480-207637-4), CB-E (480-207637-5), TP-5 (480-207637-6), TP-6 (480-207637-7), DUP (480-207637-8), MW-35D (480-207637-9), A1-GP06-S (480-207637-11), A1-GP18-S (480-207637-12), MW-35D (480-207637-14), A1-GP02-S (480-207637-15) and A1-GP16-S (480-207637-16).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-664564 recovered outside control limits for the following analyte: 2-Hexanone. 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 impacted: CB-1 (480-207637-1), CB-2 (480-207637-2), CB-3 (480-207637-3), CB-4 (480-207637-4), CB-E (480-207637-5), TP-5 (480-207637-6), TP-6 (480-207637-7), DUP (480-207637-8), MW-35D (480-207637-9), A1-GP06-S (480-207637-11), A1-GP18-S (480-207637-12), MW-35S (480-207637-13), MW-39D (480-207637-14), A1-GP02-S (480-207637-15) and A1-GP16-S (480-207637-16).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-664564 were outside control limits for one or more analytes, see QC Sample Results for detail.

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 sample was analyzed within the 7-day holding time specified for unpreserved samples: MW-39D (480-207637-14). oH is 7.

Method 8260C: The continuing calibration verification (CCV) associated with batch 664702 recovered above the upper control limit for 2-Hexanone, cis-1,3-Dichloropropene, Styrene, trans-1,3-Dichloropropene, Chlorodibromomethane, and 4-Methyl-2-pentanone (MIBK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated

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Client: AECOM

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-207637-1

Job ID: 480-207637-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

sample is impacted: MW-38D (480-207637-10).

Method 8260C: The continuing calibration verification (CCV) analyzed in 664702 was outside the method criteria for the following analyte: 2-Butanone (MEK). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The associated sample is impacted: MW-38D (480-207637-10).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-664702 recovered outside control limits for the following analytes: 2-Hexanone, trans-1,3-Dichloropropene, Chlorodibromomethane, Bromoform, and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: MW-38D (480-207637-10).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-664702 recovered outside control limits for the following analyte: 2-Butanone (MEK). 2-Butanone (MEK) has been identified as a poor performing analyte when analyzed using this method; therefore, re-analysis was not performed. Batch precision also exceeded control limits for these analyte. These results have been reported and qualified. The associated sample is impacted: MW-38D (480-207637-10).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-40D (480-207715-1), A1-GP10-S (480-207715-2) and MW-42S (480-207715-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-664894 recovered above the upper control limit for Acetone, 2-Hexanone, trans-1,3-Dichloropropene, Chlorodibromomethane, 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-40D (480-207715-1), A1-GP10-S (480-207715-2), MW-42S (480-207715-3), A1-GP15-S (480-207715-4), TRIP BLANK (480-207715-6), MW-44S (480-207715-7) and RINSE BLANK (480-207715-8).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-664894 recovered outside control limits for the following analytes: 2-Hexanone, trans-1,3-Dichloropropene, 1,1,2,2-Tetrachloroethane, and Bromoform. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MW-40D (480-207715-1), A1-GP10-S (480-207715-2), MW-42S (480-207715-3), A1-GP15-S (480-207715-4), TRIP BLANK (480-207715-6), MW-44S (480-207715-7) and RINSE BLANK (480-207715-8).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-665134 recovered above the upper control limit for 2-Hexanone, Styrene and trans-1,3-Dichloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: A1-GP14-S (480-207715-5).

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-665134 was outside the method criteria for the following analyte(s): 2-Butanone (MEK). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is impacted: A1-GP14-S (480-207715-5).

Method 8260C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 480-665134 recovered outside control limits for the following analyte(s): Acetone. Acetone has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified. The associated sample is impacted: A1-GP14-S (480-207715-5).

Method 8260C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 480-665134 recovered outside control limits for the following analyte(s): 2-Butanone (MEK). 2-Butanone (MEK) has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified. The associated sample is impacted: A1-GP14-S (480-207715-5).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-665134 recovered outside control limits for the following analytes: 2-Hexanone and trans-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: A1-GP14-S (480-207715-5).

Client: AECOM

Job ID: 480-207637-1 Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-207637-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-665426 recovered above the upper control limit for 2-Butanone (MEK), Acetone, Carbon tetrachloride, Cyclohexane and Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-37D (480-207805-2), TRIP BLANK-041223 (480-207805-3), MW-30 (480-207805-4), MW-43S (480-207805-5), MW-36S (480-207805-6) and MW-36D (480-207805-7).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-665426 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. The associated samples are impacted: MW-37D (480-207805-2), TRIP BLANK-041223 (480-207805-3), MW-30 (480-207805-4), MW-43S (480-207805-5), MW-36S (480-207805-6) and MW-36D (480-207805-7).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-43S (480-207805-5) and MW-36D (480-207805-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-665491 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: AL-GP09-S (480-207805-1).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-665491 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene, Cyclohexane and Methylcyclohexane. 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 sample is impacted: AL-GP09-S (480-207805-1).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: AL-GP09-S (480-207805-1). 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.

HPLC/IC

Method 300.0: The following samples were diluted due to the abundance of non-target analytes: MW-35D (480-207637-9), MW-38D (480-207637-10), A1-GP06-S (480-207637-11) and A1-GP18-S (480-207637-12). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted due to the abundance of non-target analytes: MW-40D (480-207715-1), A1-GP10-S (480-207715-2) and MW-42S (480-207715-3). 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 sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: A1-GP18-S (480-207637-12).

Method RSK-175: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-35D (480-207637-9), MW-38D (480-207637-10), A1-GP06-S (480-207637-11) and A1-GP18-S (480-207637-12). Elevated reporting limits (RLs) are provided.

Method RSK-175: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-40D (480-207715-1), A1-GP10-S (480-207715-2) and MW-42S (480-207715-3). 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 SM 3500 FE D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The

Client: AECOM

Project/Site: Scott Figgie Area 1 BCP

Job ID: 480-207637-1

Job ID: 480-207637-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: MW-35D (480-207637-9), MW-38D (480-207637-10), A1-GP06-S (480-207637-11) and A1-GP18-S (480-207637-12).

Methods 9060A, SM 5310C: The reference method requires samples to be preserved to a pH of below 2. The following sample was received with insufficient preservation at a pH of above 2: MW-39D (480-207637-14). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 9060A: The reference method requires samples to be preserved to a pH of below 2. The following sample was received with insufficient preservation at a pH of above 2: A1-GP02-S (480-207637-15). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 353.2: The following sample was analyzed outside of analytical holding time due to lab error due to new instrumentation implementation: MW-42S (480-207715-3).

Method 353.2: The following sample was analyzed outside of analytical holding time due to lab error due to new instrumentation implementation: MW-42S (480-207715-3).

Method 9060A: The sample duplicate (DUP) precision for analytical batch 480-665659 was outside control limits. Sample matrix interference is suspected.

Method 353.2: Reanalysis of the following sample was performed outside of the analytical holding time due to instrument QC failures: MW-42S (480-207715-3).

Method 353.2: Reanalysis of the following sample was performed outside of the analytical holding time due to Failed instrument QC: MW-42S (480-207715-3).

Method 353.2: Sample MW-42S was analyzed for 353.2 in batch 665223. The instrument malfunctioned while obtaining this result, therefore this result is suspect. This sample point was reanalyzed out of hold time. Both results have been reported: MW-42S (480-207715-3).

Method Nitrate by calc: The following sample(s) was analyzed outside of analytical holding time due to instrumentation malfunction in original dataset for Nitrate and Nitrite: .MW-42S (480-207715-3).

Method 9060A: The sample duplicate precision for the following sample associated with analytical batch 480-666388 was outside control limits: (480-207715-P-2 DU). Non-homogeneity of the sample matrix is suspected. The sample was re-analyzed with confirming results.

Method SM 3500 FE D: 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 (480-207715-1), A1-GP10-S (480-207715-2) and MW-42S (480-207715-3).

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

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-1 Lab Sample ID: 480-207637-1

Date Collected: 04/06/23 15:25 Matrix: Water Date Received: 04/07/23 13:45

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|-------------------------|
| 1,1,1-Trichloroethane | 1.4 | | 1.0 | 0.82 | ug/L | | | 04/11/23 01:12 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/11/23 01:12 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 04/11/23 01:12 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroetha | 22 | | 1.0 | 0.31 | ug/L | | | 04/11/23 01:12 | 1 |
| ne | | | | | | | | | |
| 1,1-Dichloroethane | 2.2 | | 1.0 | 0.38 | - | | | 04/11/23 01:12 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | - | | | 04/11/23 01:12 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | - | | | 04/11/23 01:12 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | - | | | 04/11/23 01:12 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | | | | 04/11/23 01:12 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 04/11/23 01:12 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 04/11/23 01:12 | 1 |
| 2-Hexanone | ND | *+ | 5.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 04/11/23 01:12 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 04/11/23 01:12 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/11/23 01:12 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 04/11/23 01:12 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 04/11/23 01:12 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 04/11/23 01:12 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 04/11/23 01:12 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 04/11/23 01:12 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 04/11/23 01:12 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 04/11/23 01:12 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 04/11/23 01:12 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 04/11/23 01:12 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 04/11/23 01:12 | 1 |
| cis-1,2-Dichloroethene | 5.9 | | 1.0 | 0.81 | ug/L | | | 04/11/23 01:12 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 04/11/23 01:12 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 04/11/23 01:12 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 04/11/23 01:12 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 04/11/23 01:12 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | - | | | 04/11/23 01:12 | 1 |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 04/11/23 01:12 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Styrene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Toluene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Trichloroethene | 2.5 | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | · · · · · · · · · · · 1 |
| Vinyl chloride | ND | | 1.0 | | ug/L | | | 04/11/23 01:12 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/L | | | 04/11/23 01:12 | 1 |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-1 Lab Sample ID: 480-207637-1

Matrix: Water

Date Collected: 04/06/23 15:25 Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifier | Limits | Pre | pared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|-----|-------|----------------|---------|
| Toluene-d8 (Surr) | 91 | 80 - 120 | | | 04/11/23 01:12 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 104 | 77 - 120 | | | 04/11/23 01:12 | 1 |
| 4-Bromofluorobenzene (Surr) | 94 | 73 - 120 | | | 04/11/23 01:12 | 1 |
| Dibromofluoromethane (Surr) | 97 | 75 - 123 | | | 04/11/23 01:12 | 1 |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-2 Lab Sample ID: 480-207637-2

Date Collected: 04/06/23 15:40 Matrix: Water Date Received: 04/07/23 13:45

| Analyte | Result Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|------------------|-----|------|--------------|---|----------|----------------|---------------------------------------|
| 1,1,1-Trichloroethane | ND - | 1.0 | 0.82 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroetha | 2.0 | 1.0 | 0.31 | ug/L | | | 04/11/23 01:35 | 1 |
| ne | | | | | | | | |
| 1,1-Dichloroethane | 1.9 | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 04/11/23 01:35 | 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 04/11/23 01:35 | 1 |
| 2-Butanone (MEK) | ND | 10 | 1.3 | ug/L | | | 04/11/23 01:35 | 1 |
| 2-Hexanone | ND *+ | 5.0 | 1.2 | ug/L | | | 04/11/23 01:35 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 | ug/L | | | 04/11/23 01:35 | 1 |
| Acetone | ND | 10 | 3.0 | ug/L | | | 04/11/23 01:35 | 1 |
| Benzene | ND | 1.0 | 0.41 | ug/L | | | 04/11/23 01:35 | 1 |
| Bromodichloromethane | ND | 1.0 | 0.39 | ug/L | | | 04/11/23 01:35 | 1 |
| Bromoform | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Chloroform | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | · · · · · · · · · · · · · · · · · · · |
| cis-1,2-Dichloroethene | 8.6 | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | · · · · · · · · · · · · · · · · · · · |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | ' |
| Isopropylbenzene | ND ND | 1.0 | | ug/L ug/L | | | 04/11/23 01:35 | 1 |
| Methyl acetate | ND ND | 2.5 | | ug/L ug/L | | | 04/11/23 01:35 | |
| | | | | | | | | 1 |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Styrene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Toluene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Trichloroethene | 4.0 | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Vinyl chloride | ND | 1.0 | | ug/L | | | 04/11/23 01:35 | 1 |
| Xylenes, Total | ND | 2.0 | 0.66 | ug/L | | | 04/11/23 01:35 | 1 |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-2 Lab Sample ID: 480-207637-2 Date Collected: 04/06/23 15:40

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 95 | 80 - 120 | | 04/11/23 01:35 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 106 | 77 - 120 | | 04/11/23 01:35 | 1 |
| 4-Bromofluorobenzene (Surr) | 97 | 73 - 120 | | 04/11/23 01:35 | 1 |
| Dibromofluoromethane (Surr) | 100 | 75 - 123 | | 04/11/23 01:35 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-3 Lab Sample ID: 480-207637-3

Date Collected: 04/06/23 15:50 Matrix: Water Date Received: 04/07/23 13:45

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------------|------------|------|--------------|---|----------|----------------------------------|---------------------------------------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,1-Dichloroethane | 3.8 | 1.0 | 0.38 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/11/23 01:58 | 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 04/11/23 01:58 | 1 |
| 2-Hexanone | ND *+ | 5.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Acetone | ND | 10 | | ug/L | | | 04/11/23 01:58 | 1 |
| Benzene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Bromoform | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | · · · · · · · · · · · · · · · · · · · |
| Chloroethane | 4.3 | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Chloroform | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | |
| cis-1,2-Dichloroethene | 3.1 | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | · · · · · · · · · · 1 |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/11/23 01:58 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| Styrene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | |
| Toluene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | 1 |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/11/23 01:58 | |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L ug/L | | | 04/11/23 01:58 | 1 |
| Trichloroethene | 0.51 J | 1.0 | | ug/L ug/L | | | 04/11/23 01:58 | 1 |
| Trichloroethene Trichlorofluoromethane | | | | ug/L ug/L | | | | |
| | ND ND | 1.0 1.0 | | ug/L ug/L | | | 04/11/23 01:58 | 1 |
| Vinyl chloride Xylenes, Total | 1.1 J | 1.0 2.0 | 0.90 | ug/L ug/L | | | 04/11/23 01:58 04/11/23 01:58 | 1 |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-3 Lab Sample ID: 480-207637-3 Date Collected: 04/06/23 15:50

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qu | ualifier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------|-----------------|----------|----------------|---------|
| Toluene-d8 (Surr) | 90 | 80 - 120 | | 04/11/23 01:58 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 106 | 77 - 120 | | 04/11/23 01:58 | 1 |
| 4-Bromofluorobenzene (Surr) | 94 | 73 - 120 | | 04/11/23 01:58 | 1 |
| Dibromofluoromethane (Surr) | 102 | 75 - 123 | | 04/11/23 01:58 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-4

Date Collected: 04/06/23 16:25 Date Received: 04/07/23 13:45 Lab Sample ID: 480-207637-4

Matrix: Water

| Analyte | Result Qualifier | RL | MDL Unit | D Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|-----|------------------------|------------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 ug/L | | 04/11/23 02:21 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 ug/L | | 04/11/23 02:21 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 ug/L | | 04/11/23 02:21 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 ug/L | | 04/11/23 02:21 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 ug/L | | 04/11/23 02:21 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 ug/L | | 04/11/23 02:21 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 ug/L | | 04/11/23 02:21 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 ug/L | | 04/11/23 02:21 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 ug/L | | 04/11/23 02:21 | |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 ug/L | | 04/11/23 02:21 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 ug/L | | 04/11/23 02:21 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 ug/L | | 04/11/23 02:21 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 ug/L | | 04/11/23 02:21 | |
| 2-Butanone (MEK) | ND | 10 | 1.3 ug/L | | 04/11/23 02:21 | |
| 2-Hexanone | ND *+ | 5.0 | 1.2 ug/L | | 04/11/23 02:21 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 ug/L | | 04/11/23 02:21 | |
| Acetone | ND | 10 | 3.0 ug/L | | 04/11/23 02:21 | |
| Benzene | ND | 1.0 | 0.41 ug/L | | 04/11/23 02:21 | |
| Bromodichloromethane | ND | 1.0 | 0.39 ug/L | | 04/11/23 02:21 | |
| Bromoform | ND | 1.0 | 0.26 ug/L | | 04/11/23 02:21 | |
| Bromomethane | ND | 1.0 | 0.69 ug/L | | 04/11/23 02:21 | |
| Carbon disulfide | ND | 1.0 | 0.19 ug/L | | 04/11/23 02:21 | |
| Carbon tetrachloride | ND | 1.0 | 0.27 ug/L | | 04/11/23 02:21 | |
| Chlorobenzene | ND | 1.0 | 0.75 ug/L | | 04/11/23 02:21 | |
| Dibromochloromethane | ND | 1.0 | 0.32 ug/L | | 04/11/23 02:21 | |
| Chloroethane | ND | 1.0 | 0.32 ug/L | | 04/11/23 02:21 | |
| Chloroform | ND | 1.0 | 0.34 ug/L | | 04/11/23 02:21 | |
| Chloromethane | ND | 1.0 | 0.35 ug/L | | 04/11/23 02:21 | |
| cis-1,2-Dichloroethene | ND | 1.0 | 0.81 ug/L | | 04/11/23 02:21 | |
| cis-1,3-Dichloropropene | ND | 1.0 | 0.36 ug/L | | 04/11/23 02:21 | |
| Cyclohexane | ND | 1.0 | 0.18 ug/L | | 04/11/23 02:21 | |
| Dichlorodifluoromethane | ND | 1.0 | 0.68 ug/L | | 04/11/23 02:21 | |
| Ethylbenzene | ND | 1.0 | 0.74 ug/L | | 04/11/23 02:21 | |
| 1,2-Dibromoethane | ND | 1.0 | 0.73 ug/L | | 04/11/23 02:21 | |
| sopropylbenzene | ND | 1.0 | 0.79 ug/L | | 04/11/23 02:21 | |
| Methyl acetate | ND | 2.5 | 1.3 ug/L | | 04/11/23 02:21 | |
| Methyl tert-butyl ether | ND | 1.0 | 0.16 ug/L | | 04/11/23 02:21 | |
| Methylcyclohexane | ND | 1.0 | 0.16 ug/L | | 04/11/23 02:21 | |
| Methylene Chloride | ND | 1.0 | 0.10 ug/L 0.44 ug/L | | 04/11/23 02:21 | |
| Styrene | ND | 1.0 | 0.44 ug/L 0.73 ug/L | | 04/11/23 02:21 | |
| Tetrachloroethene | ND | 1.0 | 0.75 ug/L 0.36 ug/L | | 04/11/23 02:21 | |
| Toluene | ND ND | 1.0 | ~ | | 04/11/23 02:21 | |
| | | | 0.51 ug/L | | | |
| rans-1,2-Dichloroethene | ND ND | 1.0 | 0.90 ug/L | | 04/11/23 02:21 | |
| rans-1,3-Dichloropropene | ND | 1.0 | 0.37 ug/L | | 04/11/23 02:21 | |
| Trichlandian | ND | 1.0 | 0.46 ug/L | | 04/11/23 02:21 | |
| Trichlorofluoromethane | ND | 1.0 | 0.88 ug/L | | 04/11/23 02:21 | |
| Vinyl chloride | ND | 1.0 | 0.90 ug/L | | 04/11/23 02:21 | |

Eurofins Buffalo

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-4 Lab Sample ID: 480-207637-4

. Matrix: Water

Date Collected: 04/06/23 16:25 Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 94 | 80 - 120 | | 04/11/23 02:21 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 107 | 77 - 120 | | 04/11/23 02:21 | 1 |
| 4-Bromofluorobenzene (Surr) | 95 | 73 - 120 | | 04/11/23 02:21 | 1 |
| Dibromofluoromethane (Surr) | 99 | 75 - 123 | | 04/11/23 02:21 | 1 |

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1,6

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-E

Lab Sample ID: 480-207637-5

Date Collected: 04/06/23 16:40 **Matrix: Water** Date Received: 04/07/23 13:45

| Analyte | Result Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fa |
|-------------------------------------|------------------|-----|------|------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/11/23 02:45 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/11/23 02:45 | |
| 1,1,2-Trichloro-1,2,2-trifluoroetha | 1.6 | 1.0 | 0.31 | ug/L | | | 04/11/23 02:45 | |
| ne | | | | | | | | |
| 1,1-Dichloroethane | 6.5 | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| 1,1-Dichloroethene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| 1,2-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/11/23 02:45 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 04/11/23 02:45 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 04/11/23 02:45 | |
| 2-Butanone (MEK) | ND | 10 | 1.3 | ug/L | | | 04/11/23 02:45 | |
| 2-Hexanone | ND *+ | 5.0 | 1.2 | ug/L | | | 04/11/23 02:45 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 | ug/L | | | 04/11/23 02:45 | |
| Acetone | ND | 10 | 3.0 | ug/L | | | 04/11/23 02:45 | |
| Benzene | ND | 1.0 | 0.41 | ug/L | | | 04/11/23 02:45 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Bromoform | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Chloroethane | 8.3 | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Chloroform | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| cis-1,2-Dichloroethene | 5.7 | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| | 1.5 | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Ethylbenzene 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| , | ND ND | 1.0 | | - | | | | |
| Isopropylbenzene | | | | ug/L | | | 04/11/23 02:45 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/11/23 02:45 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Methylcyclohexane | 0.31 J | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Styrene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Toluene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Trichloroethene | 1.0 | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/11/23 02:45 | |
| Vinyl chloride | 2.7 | 1.0 | 0.90 | ug/L | | | 04/11/23 02:45 | |
| Xylenes, Total | 2.8 | 2.0 | 0.66 | ug/L | | | 04/11/23 02:45 | |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-E Lab Sample ID: 480-207637-5 Date Collected: 04/06/23 16:40

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 94 | 80 - 120 | | 04/11/23 02:45 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 108 | 77 - 120 | | 04/11/23 02:45 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - 120 | | 04/11/23 02:45 | 1 |
| Dibromofluoromethane (Surr) | 106 | 75 - 123 | | 04/11/23 02:45 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-5 Lab Sample ID: 480-207637-6

Date Collected: 04/06/23 15:15

Date Received: 04/07/23 13:45

Matrix: Water

| 1.12_2-Trichlorochane ND 1.0 0.21 ugl. 0.411123 035. 1.1_2-Trichlorochane ND 1.0 0.33 ugl. 0.411123 035. 1.1_Dichlorochane ND 1.0 0.33 ugl. 0.411123 035. 1.1_Dichlorochane ND 1.0 0.39 ugl. 0.411123 035. 1.2_Chichlorochane ND 1.0 0.49 ugl. 0.411123 035. 1.2_Chichlorobenzene ND 1.0 0.79 ugl. 0.411123 035. 1.2_Chichlorochane ND 1.0 0.79 ugl. 0.411123 035. <th>nalyte</th> <th>Result Qualifier</th> <th>RL</th> <th>MDL</th> <th></th> <th> D</th> <th>Prepared</th> <th>Analyzed</th> <th>Dil Fa</th> | nalyte | Result Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|--|---|------------------|-----|------|------|---|----------|----------------------------------|--------|
| 1.1,2-Trichloroethane ND 1.0 0.23 ugl. 0.411/123 03.6 1.1,2-Trichloroethane ND 1.0 0.31 ugl. 0.411/123 03.6 1.1,1-Dichloroethane ND 1.0 0.38 ugl. 0.411/123 03.6 1.1-Dichloroethane ND 1.0 0.28 ugl. 0.411/123 03.6 1.1-Dichloroethane ND 1.0 0.29 ugl. 0.411/123 03.6 1.1-Dichloroethane ND 1.0 0.39 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.39 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.79 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.79 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.72 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.72 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.72 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.78 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.78 ugl. 0.411/123 03.6 1.2-Dichloroethane ND 1.0 0.78 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.78 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.84 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.85 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.41 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.42 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03.6 1.4-Dichloroethane ND 1.0 0.40 ugl. 0.411/123 03. | 1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/11/23 03:08 | |
| 1.1.2-Tichloro-1,2.2-Influoroethane ND 1.0 0.31 ugL 04/11/23 03/ 1.1.2-Tichloroethane ND 1.0 0.38 ugL 04/11/23 03/ 1.2,4-Trichlorobethane ND 1.0 0.41 ugL 04/11/23 03/ 1.2,4-Trichlorobenzane ND 1.0 0.41 ugL 04/11/23 03/ 1.2-Dichlorobenzane ND 1.0 0.79 ugL 04/11/23 03/ 1.2-Dichlorobenzane ND 1.0 0.72 ugL 04/11/23 03/ 1.2-Dichlorobenzane ND 1.0 0.72 ugL 04/11/23 03/ 1.3-Dichlorobenzane ND 1.0 0.78 ugL 04/11/23 03/ 2-Butanone ND 1.0 0.78 ugL 04/11/23 03/ 2-Butanone ND 1.0 0.84 ugL 04/11/23 03/ 2-Butanone ND 1.0 0.81 ugL 04/11/23 03/ 2-Butanone ND 1.0 0.30 ugL 04/11/23 03/ | 1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/11/23 03:08 | |
| 1.1-Dichloroethane | 1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/11/23 03:08 | |
| 1.1-Dichloroethene | 1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/11/23 03:08 | |
| 1.2.4-Trichlorobenzene | 1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/11/23 03:08 | |
| 1.2-Dibriomo-3-Chloropropane | 1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/11/23 03:08 | |
| 1.2-Dichlorobenzene ND 1.0 0.79 ug/L 04/11/23 03/L 1.2-Dichlorocethane ND 1.0 0.72 ug/L 04/11/23 03/L 1.3-Dichloropropane ND 1.0 0.72 ug/L 04/11/23 03/L 1.3-Dichlorobenzene ND 1.0 0.78 ug/L 04/11/23 03/L 2-Butanone (MEK) ND 1.0 0.84 ug/L 04/11/23 03/L 2-Hoxanone ND + 5.0 1.2 ug/L 04/11/23 03/L 2-Hoxanone ND 5.0 2.1 ug/L 04/11/23 03/L 4-Methyl-2-pentanone (MIBK) ND 5.0 2.1 ug/L 04/11/23 03/L 2-Brozene ND 1.0 0.41 ug/L 04/11/23 03/L Bernzene ND 1.0 0.26 ug/L 04/11/23 03/L Bromodichloromethane ND 1.0 0.26 ug/L 04/11/23 03/L Bromodichloromethane ND 1.0 0.19 ug/L 04/11/23 03/L </td <td>2,4-Trichlorobenzene</td> <td>ND</td> <td>1.0</td> <td>0.41</td> <td>ug/L</td> <td></td> <td></td> <td>04/11/23 03:08</td> <td></td> | 2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/11/23 03:08 | |
| 2-Dichloroethane | 2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/11/23 03:08 | |
| 1.2-Dichloropropane ND 1.0 0.72 ug/L 04/11/23 03:d 1.3-Dichlorobenzene ND 1.0 0.78 ug/L 04/11/23 03:d 1.4-Dichlorobenzene ND 1.0 0.84 ug/L 04/11/23 03:d 2-Butanone (MEK) ND 10 1.3 ug/L 04/11/23 03:d 2-Hexanone ND 10 1.3 ug/L 04/11/23 03:d Acetone ND 10 3.0 ug/L 04/11/23 03:d Acetone ND 1.0 0.41 ug/L 04/11/23 03:d Benzene ND 1.0 0.41 ug/L 04/11/23 03:d Bromofichioromethane ND 1.0 0.26 ug/L 04/11/23 03:d Bromofichioromethane ND 1.0 0.26 ug/L 04/11/23 03:d Bromofichioromethane ND 1.0 0.27 ug/L 04/11/23 03:d Bromofichioromethane ND 1.0 0.27 ug/L 04/11/23 03:d Carbon de | 2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/11/23 03:08 | |
| 1,3-Dichlorobenzene ND 1.0 0.78 ug/L 04/11/23 03:0 (1,4-Dichlorobenzene ND 1.0 0.84 ug/L 04/11/23 03:0 (2-Butanone (MIBK) ND 10 1.3 ug/L 04/11/23 03:0 (2-Hexanone ND + 5.0 1.2 ug/L 04/11/23 03:0 (3-Hethyl-2-pentanone (MIBK) ND 5.0 1.1 ug/L 04/11/23 03:0 (3-Hethyl-2-pentanone (MIBK) ND 5.0 1.1 ug/L 04/11/23 03:0 (3-Hethyl-2-pentanone (MIBK) ND 5.0 1.1 ug/L 04/11/23 03:0 (3-Benzene ND 1.0 0.41 ug/L 04/11/23 03:0 (3-Benzene ND 1.0 0.41 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.49 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.69 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.79 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.79 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.75 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.75 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.32 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.32 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.36 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.36 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.74 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.73 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.73 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.74 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.75 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.76 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.77 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.78 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.79 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.79 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.79 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.79 ug/L 04/11/23 03:0 (3-Bromodichloromethane ND 1.0 0.79 ug/L 04/11/23 | 2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/11/23 03:08 | |
| 1.4-Dichlorobenzene ND 1.0 0.84 ug/L 04/11/23 03:0 2-Butanone (MEK) ND 10 1.3 ug/L 04/11/23 03:0 <t< td=""><td>2-Dichloropropane</td><td>ND</td><td>1.0</td><td>0.72</td><td>ug/L</td><td></td><td></td><td>04/11/23 03:08</td><td></td></t<> | 2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/11/23 03:08 | |
| 2-Butanone (MEK) ND ND ND ND ND ND ND ND ND ND ND ND ND | 3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 04/11/23 03:08 | |
| 2-Hexanone ND *+ 5.0 1.2 ug/L 04/11/23 03:0 1-Methyl-2-pentanone (MIBK) ND 5.0 2.1 ug/L 04/11/23 03:0 1-Methyl-2-pentanone (MIBK) ND 5.0 2.1 ug/L 04/11/23 03:0 2-Bromofelore ND 10 3.0 ug/L 04/11/23 03:0 2-Bromofichloromethane ND 1.0 0.41 ug/L 04/11/23 03:0 2-Bromofichloromethane ND 1.0 0.39 ug/L 04/11/23 03:0 2-Bromofichloromethane ND 1.0 0.69 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.69 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.75 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.75 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.75 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.32 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.32 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.32 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.32 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.32 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.32 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.35 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.35 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.35 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.35 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.36 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.36 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.73 ug/L 04/11/23 03:0 2-Bromofelore ND 1.0 0.79 ug/L 04/11/23 03:0 2-Bromofelore ND | 4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 04/11/23 03:08 | |
| A-Methyl-2-pentanone (MIBK) | Butanone (MEK) | ND | 10 | 1.3 | ug/L | | | 04/11/23 03:08 | |
| A-Methyl-2-pentanone (MIBK) | | ND *+ | 5.0 | | - | | | 04/11/23 03:08 | |
| Acetone ND 10 3.0 ug/L 04/11/23 03:0 Benzene ND 1.0 0.41 ug/L 04/11/23 03:0 Benzene ND 1.0 0.41 ug/L 04/11/23 03:0 Benzene ND 1.0 0.49 ug/L 04/11/23 03:0 Bromotichloromethane ND 1.0 0.26 ug/L 04/11/23 03:0 Bromotethane ND 1.0 0.69 ug/L 04/11/23 03:0 Bromotethane ND 1.0 0.69 ug/L 04/11/23 03:0 Carbon disulfide ND 1.0 0.69 ug/L 04/11/23 03:0 Carbon disulfide ND 1.0 0.97 ug/L 04/11/23 03:0 Carbon disulfide ND 1.0 0.75 ug/L 04/11/23 03:0 Carbon disulfide ND 1.0 0.75 ug/L 04/11/23 03:0 Chlorobenzene ND 1.0 0.75 ug/L 04/11/23 03:0 Chlorobenzene ND 1.0 0.75 ug/L 04/11/23 03:0 Chlorobenzene ND 1.0 0.32 ug/L 04/11/23 03:0 Chlorotethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chlorotethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chlorotethane ND 1.0 0.34 ug/L 04/11/23 03:0 Chlorotethane ND 1.0 0.34 ug/L 04/11/23 03:0 cis-1,2-Dichlorotethene ND 1.0 0.35 ug/L 04/11/23 03:0 cis-1,2-Dichlorotethene ND 1.0 0.36 ug/L 04/11/23 03:0 cis-1,3-Dichloropropene ND 1.0 0.36 ug/L 04/11/23 03:0 cis-1,3-Dichloropropene ND 1.0 0.36 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.88 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.89 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.73 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.74 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.75 ug/L 04/11/2 | Methyl-2-pentanone (MIBK) | ND | 5.0 | | | | | 04/11/23 03:08 | |
| Benzene ND 1.0 0.41 ug/L 0.4/11/23 03/3 Bromofichioromethane ND 1.0 0.39 ug/L 0.4/11/23 03/3 Bromoform ND 1.0 0.26 ug/L 0.4/11/23 03/3 Bromomethane ND 1.0 0.69 ug/L 0.4/11/23 03/3 Carbon disulfide ND 1.0 0.19 ug/L 0.4/11/23 03/3 Carbon tetrachloride ND 1.0 0.27 ug/L 0.4/11/23 03/3 Chlorobenzene ND 1.0 0.75 ug/L 0.4/11/23 03/3 Chlorobenzene ND 1.0 0.32 ug/L 0.4/11/23 03/3 Chlorobenzene ND 1.0 0.32 ug/L 0.4/11/23 03/3 Chlorobenzene ND 1.0 0.34 ug/L 0.4/11/23 03/3 Chlorobenzene ND 1.0 0.35 ug/L 0.4/11/23 03/3 Chlorobenzene ND 1.0 0.81 ug/L 0.4/11/23 03/3 Chlorobenzene | • | ND | 10 | | - | | | 04/11/23 03:08 | |
| Seromodichloromethane ND 1.0 0.39 ug/L 04/11/23 03/3 | enzene | ND | 1.0 | | • | | | 04/11/23 03:08 | |
| Seromoform ND | romodichloromethane | ND | 1.0 | | | | | 04/11/23 03:08 | |
| Seromomethane | | | | | - | | | 04/11/23 03:08 | |
| Carbon disulfide ND 1.0 0.19 ug/L 04/11/23 03:0 Carbon tetrachloride ND 1.0 0.27 ug/L 04/11/23 03:0 Chlorobenzene ND 1.0 0.75 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroform ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroform ND 1.0 0.34 ug/L 04/11/23 03:0 Chloroformethane ND 1.0 0.35 ug/L 04/11/23 03:0 Chloroforethane ND 1.0 0.35 ug/L 04/11/23 03:0 Chloroforethane ND 1.0 0.81 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.81 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.68 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.74 ug/L 04/11/23 03:0 Cithlorodifluoromethane <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>04/11/23 03:08</td> <td></td> | | | | | - | | | 04/11/23 03:08 | |
| Carbon tetrachloride ND 1.0 0.27 ug/L 04/11/23 03:0 Chlorobenzene ND 1.0 0.75 ug/L 04/11/23 03:0 Dibromochloromethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.34 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.81 ug/L 04/11/23 03:0 Cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 04/11/23 03:0 Cis-1,2-Dichloroptopene ND 1.0 0.81 ug/L 04/11/23 03:0 Opclohexane ND 1.0 0.18 ug/L 04/11/23 03:0 Cithylbenzene ND 1.0 0.79 ug/L 04/11/23 03:0 1,2-Dibromoethane ND 1.0 0.79 ug/L 04/11/23 03:0 < | | | | | | | | | |
| Chlorobenzene ND 1.0 0.75 ug/L 04/11/23 03:0 Dibromochloromethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroform ND 1.0 0.34 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 Cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 04/11/23 03:0 cis-1,3-Dichloropropene ND 1.0 0.81 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.18 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.68 ug/L 04/11/23 03:0 Cithyloenzene ND 1.0 0.74 ug/L 04/11/23 03:0 Cithyloenzene ND 1.0 0.73 ug/L 04/11/23 03:0 Methyl sert-butyl ether ND 1.0 0.73 ug/L 04/11/23 03:0 Met | | | | | _ | | | | |
| Dibromochloromethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroform ND 1.0 0.34 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 04/11/23 03:0 cis-1,3-Dichloropropene ND 1.0 0.36 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.18 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.68 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.73 ug/L 04/11/23 03:0 Sepropylbenzene ND 1.0 0.73 ug/L 04/11/23 03:0 Wethyl acetate ND 2.5 1.3 ug/L 04/11/23 03:0 Methylercblup | | | | | • | | | | |
| Chloroethane ND 1.0 0.32 ug/L 04/11/23 03:0 Chloroform ND 1.0 0.34 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 04/11/23 03:0 cis-1,2-Dichloropropene ND 1.0 0.81 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.18 ug/L 04/11/23 03:0 Dichlorodifluoromethane ND 1.0 0.68 ug/L 04/11/23 03:0 Eithylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 1, 2-Dibromoethane ND 1.0 0.73 ug/L 04/11/23 03:0 | | | | | | | | | |
| Chloroform ND 1.0 0.34 ug/L 04/11/23 03:0 Chloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.18 ug/L 04/11/23 03:0 Dichlorodifluoromethane ND 1.0 0.68 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 Sepropylbenzene ND 1.0 0.73 ug/L 04/11/23 03:0 Methyl cetate ND 1.0 0.79 ug/L 04/11/23 03:0 Methyle tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylecyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 St | | | | | _ | | | | |
| Chloromethane ND 1.0 0.35 ug/L 04/11/23 03:0 cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 04/11/23 03:0 cis-1,3-Dichloropropene ND 1.0 0.36 ug/L 04/11/23 03:0 Cyclohexane ND 1.0 0.18 ug/L 04/11/23 03:0 Dichlorodifluoromethane ND 1.0 0.68 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 1,2-Dibromoethane ND 1.0 0.73 ug/L 04/11/23 03:0 sopropylbenzene ND 1.0 0.73 ug/L 04/11/23 03:0 Methyl acetate ND 1.0 0.79 ug/L 04/11/23 03:0 Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.4 ug/L 04/11/23 03:0 | | | | | - | | | | |
| Discription | | | | | | | | | |
| Discription | | | | | - | | | | |
| Cyclohexane ND 1.0 0.18 ug/L 04/11/23 03:0 Dichlorodifluoromethane ND 1.0 0.68 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 1,2-Dibromoethane ND 1.0 0.73 ug/L 04/11/23 03:0 sopropylbenzene ND 1.0 0.79 ug/L 04/11/23 03:0 Methyl acetate ND 2.5 1.3 ug/L 04/11/23 03:0 Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Trans-1,2-Dichloropropene ND 1.0 0.90 ug/L 04/11/23 03:0 | • | | | | - | | | | |
| Dichlorodifluoromethane ND 1.0 0.68 ug/L 04/11/23 03:0 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 1,2-Dibromoethane ND 1.0 0.73 ug/L 04/11/23 03:0 Isopropylbenzene ND 1.0 0.79 ug/L 04/11/23 03:0 Methyl acetate ND 2.5 1.3 ug/L 04/11/23 03:0 Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Trans-1,2-Dichloroethene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Trichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Trichlorofluoromethane | | | | | | | | | |
| Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 03:0 1,2-Dibromoethane ND 1.0 0.73 ug/L 04/11/23 03:0 Isopropylbenzene ND 1.0 0.79 ug/L 04/11/23 03:0 Methyl acetate ND 2.5 1.3 ug/L 04/11/23 03:0 Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Troblene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 | | | | | - | | | | |
| 1,2-Dibromoethane ND 1.0 0.73 ug/L 04/11/23 03:0 sopropylbenzene ND 1.0 0.79 ug/L 04/11/23 03:0 Methyl acetate ND 2.5 1.3 ug/L 04/11/23 03:0 Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Trans-1,2-Dichloroethene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Trichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Trichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | _ | | | | |
| Sopropylbenzene ND | | | | | | | | | |
| Methyl acetate ND 2.5 1.3 ug/L 04/11/23 03:0 Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Toluene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Trichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Trichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | • | | | | |
| Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 03:0 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Toluene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Trichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Trichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | _ | | | | |
| Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 03:0 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Toluene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Trichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Trichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | | | | | |
| Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 03:0 Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Toluene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Trichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Trichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | | | | | |
| Styrene ND 1.0 0.73 ug/L 04/11/23 03:0 Tetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Toluene ND 1.0 0.51 ug/L 04/11/23 03:0 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 trans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Trichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Trichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | - | | | | |
| Fetrachloroethene ND 1.0 0.36 ug/L 04/11/23 03:0 Foluene ND 1.0 0.51 ug/L 04/11/23 03:0 rans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 rans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Frichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Frichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | | | | | |
| Foluene ND 1.0 0.51 ug/L 04/11/23 03:0 rans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 rans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Frichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Frichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | | | | | |
| rans-1,2-Dichloroethene ND 1.0 0.90 ug/L 04/11/23 03:0 rans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Frichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Frichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | - | | | | |
| rans-1,3-Dichloropropene ND 1.0 0.37 ug/L 04/11/23 03:0 Frichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Frichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | | | | | |
| Frichloroethene ND 1.0 0.46 ug/L 04/11/23 03:0 Frichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | · · | | | | _ | | | | |
| Trichlorofluoromethane ND 1.0 0.88 ug/L 04/11/23 03:0 | | | | | - | | | | |
| • | | | | | | | | 04/11/23 03:08 | |
| | | | | | - | | | 04/11/23 03:08 | |
| · | • | | | | _ | | | 04/11/23 03:08 04/11/23 03:08 | |

Eurofins Buffalo

4

6

8

3

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-5 Lab Sample ID: 480-207637-6

. Matrix: Water

Date Collected: 04/06/23 15:15 Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 93 | 80 - 120 | _ | | 04/11/23 03:08 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 108 | 77 - 120 | | | 04/11/23 03:08 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | | | 04/11/23 03:08 | 1 |
| Dibromofluoromethane (Surr) | 97 | 75 - 123 | | | 04/11/23 03:08 | 1 |

9

10

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-6

Date Received: 04/07/23 13:45

Date Collected: 04/06/23 15:00

Lab Sample ID: 480-207637-7

Matrix: Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|----------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 04/11/23 03:31 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 04/11/23 03:31 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 04/11/23 03:31 | 1 |
| 2-Hexanone | ND | *+ | 5.0 | 1.2 | ug/L | | | 04/11/23 03:31 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 04/11/23 03:31 | 1 |
| Acetone | ND | | 10 | | ug/L | | | 04/11/23 03:31 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 04/11/23 03:31 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | | | | 04/11/23 03:31 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | - | | | 04/11/23 03:31 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | - | | | 04/11/23 03:31 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | | | | 04/11/23 03:31 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | - | | | 04/11/23 03:31 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | - | | | 04/11/23 03:31 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | | | | 04/11/23 03:31 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | | | | 04/11/23 03:31 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | - | | | 04/11/23 03:31 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | | | | 04/11/23 03:31 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | | | | 04/11/23 03:31 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | - | | | 04/11/23 03:31 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | | | | 04/11/23 03:31 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | - | | | 04/11/23 03:31 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | - | | | 04/11/23 03:31 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | | | | 04/11/23 03:31 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | - | | | 04/11/23 03:31 | 1 |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 04/11/23 03:31 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Styrene | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Toluene | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Trichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | |
| Vinyl chloride | ND ND | | 1.0 | | ug/L | | | 04/11/23 03:31 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | - | | | 04/11/23 03:31 | 1 |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TP-6 Lab Sample ID: 480-207637-7

Matrix: Water

Date Collected: 04/06/23 15:00 Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifier | Limits | ı | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 93 | 80 - 120 | _ | | 04/11/23 03:31 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 108 | 77 - 120 | | | 04/11/23 03:31 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | | | 04/11/23 03:31 | 1 |
| Dibromofluoromethane (Surr) | 101 | 75 - 123 | | | 04/11/23 03:31 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: DUP

Date Received: 04/07/23 13:45

Lab Sample ID: 480-207637-8 Date Collected: 04/07/23 08:00

| _ ~~ | Campio | | | ••• | _ |
|------|--------|------|--------|-----|----|
| | | Ma | atrix: | Wat | eı |
| | | | | | |

| Analyte | Result Qua | lifier RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------|-----------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/11/23 03:55 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/11/23 03:55 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/11/23 03:55 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/11/23 03:55 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/11/23 03:55 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/11/23 03:55 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| 1,2-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 04/11/23 03:55 | |
| 2-Hexanone | ND *+ | 5.0 | | ug/L | | | 04/11/23 03:55 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 04/11/23 03:55 | |
| Acetone | ND | 10 | | ug/L | | | 04/11/23 03:55 | |
| Benzene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Bromoform | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Chloroform | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L ug/L | | | 04/11/23 03:55 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L ug/L | | | 04/11/23 03:55 | |
| Cyclohexane | ND | 1.0 | | ug/L ug/L | | | 04/11/23 03:55 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L ug/L | | | 04/11/23 03:55 | |
| | ND | | | - | | | | |
| Ethylbenzene | | 1.0 | | ug/L | | | 04/11/23 03:55 04/11/23 03:55 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/11/23 03:55 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Styrene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Toluene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Trichloroethene | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/11/23 03:55 | |
| Vinyl chloride | ND | 1.0 | 0.90 | ug/L | | | 04/11/23 03:55 | |
| Xylenes, Total | ND | 2.0 | 0.66 | ug/L | | | 04/11/23 03:55 | |

Eurofins Buffalo

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: DUP Lab Sample ID: 480-207637-8

. Matrix: Water

Date Collected: 04/07/23 08:00 Date Received: 04/07/23 13:45

| Surrogate | %Recovery Q | Qualifier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------|------------------|----------|----------------|---------|
| Toluene-d8 (Surr) | 95 | 80 - 120 | | 04/11/23 03:55 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 110 | 77 - 120 | | 04/11/23 03:55 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | | 04/11/23 03:55 | 1 |
| Dibromofluoromethane (Surr) | 102 | 75 - 123 | | 04/11/23 03:55 | 1 |

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9

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35D

Lab Sample ID: 480-207637-9 Date Collected: 04/07/23 09:30

Matrix: Water

Date Received: 04/07/23 13:45

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|----------|-----------|-----|------|--------------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 04/11/23 04:18 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/11/23 04:18 | • |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 04/11/23 04:18 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 04/11/23 04:18 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 04/11/23 04:18 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 04/11/23 04:18 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 04/11/23 04:18 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 04/11/23 04:18 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | - | | | 04/11/23 04:18 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | | | | 04/11/23 04:18 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | 1 |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 04/11/23 04:18 | |
| 2-Hexanone | ND | *+ | 5.0 | | ug/L | | | 04/11/23 04:18 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 04/11/23 04:18 | 1 |
| Acetone | ND | | 10 | | ug/L | | | 04/11/23 04:18 | |
| Benzene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| Bromoform | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| Bromomethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | |
| Chloroethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | - |
| Chloroform | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| Chloromethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | , |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L ug/L | | | 04/11/23 04:18 | , |
| cis-1,3-Dichloropropene | ND ND | | 1.0 | | ug/L ug/L | | | 04/11/23 04:18 | , |
| Cyclohexane | ND | | 1.0 | 0.30 | | | | 04/11/23 04:18 | |
| Dichlorodifluoromethane | ND ND | | 1.0 | | ug/L ug/L | | | 04/11/23 04:18 | |
| | | | | | - | | | | |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | • |
| Isopropylbenzene | ND | | 1.0 | 0.79 | | | | 04/11/23 04:18 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 04/11/23 04:18 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | • |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | ŕ |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | 1 |
| Styrene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | ŕ |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | • |
| Toluene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | • |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | • |
| Trichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 04/11/23 04:18 | • |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 04/11/23 04:18 | • |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/11/23 04:18 | • |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35D

Lab Sample ID: 480-207637-9 Date Collected: 04/07/23 09:30

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|---|-----------------|-----------|------------------|--------------------|------|---|----------|--------------------------|--------------|
| Toluene-d8 (Surr) | 94 | | 80 - 120 | | | - | | 04/11/23 04:18 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 106 | | 77 - 120 | | | | | 04/11/23 04:18 | 1 |
| 4-Bromofluorobenzene (Surr) | 96 | | 73 - 120 | | | | | 04/11/23 04:18 | 1 |
| Dibromofluoromethane (Surr) | 100 | | 75 - 123 | | | | | 04/11/23 04:18 | 1 |
| Method: RSK-175 - Dissolve | d Gases (GC) |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 48000 | | 10000 | 5000 | ug/L | | | 04/13/23 11:09 | 1 |
| Ethane | ND | | 7.5 | 1.5 | ug/L | | | 04/10/23 09:08 | 1 |
| Ethene | ND | | 7.0 | 1.5 | ug/L | | | 04/10/23 09:08 | 1 |
| Method: RSK-175 - Dissolve | d Gases (GC | \ | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Methane | 550 | | 88 | 22 | ug/L | | - | 04/10/23 10:24 | 22 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Sulfate (EPA 300.0) | 2.2 | J | 4.0 | 0.70 | mg/L | | | 04/12/23 18:23 | 2 |
| Alkalinity, Total (EPA 310.2) | 236 | | 50.0 | 20.0 | mg/L | | | 04/17/23 17:43 | 5 |
| Nitrate as N (EPA 353.2) | 0.068 | | 0.050 | 0.020 | mg/L | ₩ | | 04/07/23 16:42 | 1 |
| Nitrite as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 04/07/23 18:48 | 1 |
| | | | 1.0 | 0.43 | mg/L | | | 04/13/23 06:43 | 1 |
| Total Organic Carbon (SW846 | 7.4 | | | | | | | | |
| Total Organic Carbon (SW846 9060A) Sulfide (SM 4500 S2 F) | 7.4 ND | | 1.0 | 0.67 | mg/L | | | 04/10/23 13:00 | 1 |
| 9060A) Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 04/10/23 13:00 | 1 |
| 9060A) | ND ed | Qualifier | 1.0 RL | 0.67 MDL | - | D | Prepared | 04/10/23 13:00 Analyzed | 1 Dil Fac |

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

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

Result Qualifier

ND

ND

ND

ND

ND

ND

ND

ND

Client Sample ID: MW-38D

Analyte

Tetrachloroethene

Trichloroethene

Vinyl chloride

Xylenes, Total

trans-1,2-Dichloroethene

trans-1,3-Dichloropropene

Trichlorofluoromethane

Toluene

Lab Sample ID: 480-207637-10

Date Collected: 04/07/23 10:50 **Matrix: Water** Date Received: 04/07/23 13:45

MDL Unit

D

Prepared

1,1,1-Trichloroethane ND 1.0 0.82 ug/L 04/11/23 20:35 1,1,2,2-Tetrachloroethane ND 1.0 0.21 ug/L 04/11/23 20:35 1,1,2-Trichloroethane ND 1.0 0.23 ug/L 04/11/23 20:35 ND 1,1,2-Trichloro-1,2,2-trifluoroethane 1.0 0.31 ug/L 04/11/23 20:35 1.1-Dichloroethane ND 0.38 ug/L 04/11/23 20:35 1.0 1,1-Dichloroethene ND 1.0 0.29 ug/L 04/11/23 20:35 1,2,4-Trichlorobenzene ND 1.0 0.41 ug/L 04/11/23 20:35 1,2-Dibromo-3-Chloropropane ND 1.0 0.39 04/11/23 20:35 ug/L 1,2-Dichlorobenzene ND 1.0 0.79 ug/L 04/11/23 20:35 1,2-Dichloroethane ND 1.0 0.21 ug/L 04/11/23 20:35 1,2-Dichloropropane ND 1.0 0.72 ug/L 04/11/23 20:35 1.3-Dichlorobenzene ND 1.0 0.78 ug/L 04/11/23 20:35 1,4-Dichlorobenzene ND 1.0 0.84 ug/L 04/11/23 20:35 11 10 1.3 ug/L 04/11/23 20:35 2-Butanone (MEK) ND *+ 5.0 1.2 ug/L 2-Hexanone 04/11/23 20:35 2.1 4-Methyl-2-pentanone (MIBK) ND 5.0 ug/L 04/11/23 20:35 7.2 10 3.0 ug/L 04/11/23 20:35 **Acetone** Benzene ND 1.0 ug/L 04/11/23 20:35 Bromodichloromethane 1.0 ND 0.39 ug/L 04/11/23 20:35 **Bromoform** ND 1.0 0.26 ug/L 04/11/23 20:35 Bromomethane ND 1.0 0.69 ug/L 04/11/23 20:35 Carbon disulfide ND 1.0 0.19 ug/L 04/11/23 20:35 Carbon tetrachloride ND 0.27 04/11/23 20:35 1.0 ug/L Chlorobenzene ND 1.0 0.75 ug/L 04/11/23 20:35 Dibromochloromethane ND 1.0 0.32 ug/L 04/11/23 20:35 0.32 Chloroethane ND 1.0 ug/L 04/11/23 20:35 Chloroform ND 1.0 0.34 ug/L 04/11/23 20:35 Chloromethane ND 0.35 ug/L 1.0 04/11/23 20:35 cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 04/11/23 20:35 cis-1,3-Dichloropropene 1.0 ND ug/L 0.36 04/11/23 20:35 Cyclohexane ND 1.0 0.18 ug/L 04/11/23 20:35 Dichlorodifluoromethane ND 1.0 0.68 ug/L 04/11/23 20:35 Ethylbenzene ND 1.0 0.74 ug/L 04/11/23 20:35 ND 1,2-Dibromoethane 10 0.73 ug/L 04/11/23 20:35 Isopropylbenzene ND 1.0 0.79 ug/L 04/11/23 20:35 Methyl acetate ND 2.5 04/11/23 20:35 1.3 ug/L Methyl tert-butyl ether ND 1.0 0.16 ug/L 04/11/23 20:35 Methylcyclohexane ND 1.0 0.16 ug/L 04/11/23 20:35 Methylene Chloride ND 1.0 0.44 ug/L 04/11/23 20:35 Styrene ND 1.0 0.73 ug/L 04/11/23 20:35

Eurofins Buffalo

5/4/2023

04/11/23 20:35

04/11/23 20:35

04/11/23 20:35

04/11/23 20:35

04/11/23 20:35

04/11/23 20:35

04/11/23 20:35

04/11/23 20:35

1.0

1.0

1.0

1.0

1.0

1.0

1.0

2.0

0.36 ug/L

0.51 ug/L

0.90 ug/L

0.37

0.88 ug/L

ug/L

0.46 ug/L

0.90 ug/L

0.66 ug/L

Dil Fac

Analyzed

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-38D

Lab Sample ID: 480-207637-10 Date Collected: 04/07/23 10:50

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
|---------------------------------------|-------------|-----------|----------|-------|------|---|----------|----------------|--------|
| Toluene-d8 (Surr) | 92 | | 80 - 120 | | | - | | 04/11/23 20:35 | |
| 1,2-Dichloroethane-d4 (Surr) | 110 | | 77 - 120 | | | | | 04/11/23 20:35 | |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | | | | 04/11/23 20:35 | |
| Dibromofluoromethane (Surr) | 104 | | 75 - 123 | | | | | 04/11/23 20:35 | |
| Method: RSK-175 - Dissolve | d Gases (GC |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Carbon dioxide | 35000 | | 10000 | 5000 | ug/L | | | 04/13/23 11:18 | |
| Ethane | ND | | 170 | 33 | ug/L | | | 04/10/23 09:27 | : |
| Ethene | ND | | 150 | 33 | ug/L | | | 04/10/23 09:27 | : |
| Method: RSK-175 - Dissolve | d Gases (GC |) - DL | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil F |
| Methane | 28000 | | 880 | 220 | ug/L | | | 04/10/23 10:43 | 2: |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Sulfate (EPA 300.0) | 5.2 | | 4.0 | 0.70 | mg/L | | | 04/12/23 19:57 | |
| Alkalinity, Total (EPA 310.2) | 344 | | 50.0 | 20.0 | mg/L | | | 04/17/23 17:41 | |
| Nitrate as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | ₩ | | 04/07/23 16:46 | |
| Nitrite as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 04/07/23 18:52 | |
| Total Organic Carbon (SW846 9060A) | 10.8 | | 1.0 | 0.43 | mg/L | | | 04/13/23 07:12 | |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 04/10/23 13:00 | |
| General Chemistry - Dissolv | ed | | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil F |
| Ferrous Iron (SM 3500 FE D) | ND | HF | 0.10 | | mg/L | | | | |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP06-S Lab Sample ID: 480-207637-11

Date Collected: 04/07/23 11:15 East Sample 15: 455-257-577

Date Received: 04/07/23 13:45

| Analyte | Result Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fa |
|-------------------------------------|------------------|----------|-----|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | 51 | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,1,2,2-Tetrachloroethane | ND | 25 | 5.3 | ug/L | | | 04/11/23 05:05 | 2 |
| 1,1,2-Trichloroethane | ND | 25 | 5.8 | ug/L | | | 04/11/23 05:05 | 2 |
| 1,1,2-Trichloro-1,2,2-trifluoroetha | 330 | 25 | 7.8 | ug/L | | | 04/11/23 05:05 | 2 |
| ne | | | | | | | | |
| 1,1-Dichloroethane | 130 | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,1-Dichloroethene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,2,4-Trichlorobenzene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,2-Dibromo-3-Chloropropane | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,2-Dichlorobenzene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,2-Dichloroethane | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,2-Dichloropropane | ND | 25 | 18 | ug/L | | | 04/11/23 05:05 | 2 |
| 1,3-Dichlorobenzene | ND | 25 | 20 | ug/L | | | 04/11/23 05:05 | 2 |
| 1,4-Dichlorobenzene | ND | 25 | 21 | ug/L | | | 04/11/23 05:05 | 2 |
| 2-Butanone (MEK) | ND | 250 | 33 | ug/L | | | 04/11/23 05:05 | 2 |
| 2-Hexanone | ND *+ | 130 | 31 | ug/L | | | 04/11/23 05:05 | 2 |
| 4-Methyl-2-pentanone (MIBK) | ND | 130 | 53 | ug/L | | | 04/11/23 05:05 | 2 |
| Acetone | ND | 250 | 75 | ug/L | | | 04/11/23 05:05 | 2 |
| Benzene | ND | 25 | 10 | ug/L | | | 04/11/23 05:05 | 2 |
| Bromodichloromethane | ND | 25 | 9.8 | ug/L | | | 04/11/23 05:05 | 2 |
| Bromoform | ND | 25 | 6.5 | ug/L | | | 04/11/23 05:05 | 2 |
| Bromomethane | ND | 25 | 17 | ug/L | | | 04/11/23 05:05 | 2 |
| Carbon disulfide | ND | 25 | 4.8 | ug/L | | | 04/11/23 05:05 | 2 |
| Carbon tetrachloride | ND | 25 | 6.8 | ug/L | | | 04/11/23 05:05 | 2 |
| Chlorobenzene | ND | 25 | 19 | ug/L | | | 04/11/23 05:05 | 2 |
| Dibromochloromethane | ND | 25 | 8.0 | ug/L | | | 04/11/23 05:05 | 2 |
| Chloroethane | 670 | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Chloroform | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Chloromethane | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| cis-1,2-Dichloroethene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| cis-1,3-Dichloropropene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Cyclohexane | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Dichlorodifluoromethane | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Ethylbenzene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| 1,2-Dibromoethane | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Isopropylbenzene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Methyl acetate | ND | 63 | | ug/L | | | 04/11/23 05:05 | 2 |
| Methyl tert-butyl ether | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Methylcyclohexane | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Methylene Chloride | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Styrene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Tetrachloroethene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Toluene | ND | 25 | | ug/L ug/L | | | 04/11/23 05:05 | 2: |
| trans-1,2-Dichloroethene | ND | 25 | | | | | 04/11/23 05:05 | 2 |
| trans-1,2-Dichloropropene | | | | ug/L | | | | |
| • • | ND ND | 25 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Trichlerefluszemethene | ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Trichlorofluoromethane | ND ND | 25 | | ug/L | | | 04/11/23 05:05 | 2 |
| Vinyl chloride Xylenes, Total | ND ND | 25 50 | | ug/L ug/L | | | 04/11/23 05:05 04/11/23 05:05 | 2 2 |

Eurofins Buffalo

5/4/2023

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP06-S

Lab Sample ID: 480-207637-11 Date Collected: 04/07/23 11:15

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|---|---------------------------------------|----------------------|--|--|-------------------------------|-----------------|-------------------|--|---------|
| Toluene-d8 (Surr) | 92 | | 80 - 120 | | | | | 04/11/23 05:05 | 25 |
| 1,2-Dichloroethane-d4 (Surr) | 106 | | 77 - 120 | | | | | 04/11/23 05:05 | 25 |
| 4-Bromofluorobenzene (Surr) | 97 | | 73 - 120 | | | | | 04/11/23 05:05 | 25 |
| Dibromofluoromethane (Surr) | 100 | | 75 - 123 | | | | | 04/11/23 05:05 | 25 |
| Method: RSK-175 - Dissolve | d Gases (GC) |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 46000 | | 10000 | 5000 | ug/L | | | 04/13/23 11:26 | 1 |
| Ethane | ND | | 170 | 33 | ug/L | | | 04/10/23 09:46 | 22 |
| Ethene | ND | | 150 | 33 | ug/L | | | 04/10/23 09:46 | 22 |
| Method: RSK-175 - Dissolve | d Gases (GC) |) - DL | | | | | | | |
| | (/ | , – – | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Analyte Methane | Result 20000 | Qualifier | RL 890 | | Unit ug/L | D | Prepared | Analyzed 04/10/23 11:02 | |
| Methane | | Qualifier | | | | <u>D</u> . | Prepared | | |
| - | 20000 | Qualifier Qualifier | | 220 | | <u>D</u> . D | Prepared Prepared | | Dil Fac |
| Methane General Chemistry | 20000 Result | Qualifier | 890 | 220 MDL | ug/L | | • | 04/10/23 11:02 | 222 |
| Methane General Chemistry Analyte | 20000 Result | Qualifier | 890 RL | 220 MDL 0.70 | ug/L Unit | | • | 04/10/23 11:02 Analyzed | Dil Fac |
| Methane General Chemistry Analyte Sulfate (EPA 300.0) | 20000 Result 1.4 | Qualifier | RL 4.0 | 220 MDL 0.70 | ug/L Unit mg/L mg/L | | • | 04/10/23 11:02 Analyzed 04/12/23 20:16 | 222 |
| Methane General Chemistry Analyte Sulfate (EPA 300.0) Alkalinity, Total (EPA 310.2) | 20000 Result 1.4 445 | Qualifier | RL 4.0 50.0 | MDL 0.70 20.0 | ug/L Unit mg/L mg/L mg/L | <u>D</u> | • | 04/10/23 11:02 Analyzed 04/12/23 20:16 04/17/23 17:41 | Dil Fac |
| Methane General Chemistry Analyte Sulfate (EPA 300.0) Alkalinity, Total (EPA 310.2) Nitrate as N (EPA 353.2) Nitrite as N (EPA 353.2) Total Organic Carbon (SW846 | 20000 Result 1.4 445 ND | Qualifier | 890 RL 4.0 50.0 0.050 | 220 MDL 0.70 20.0 0.020 0.020 | ug/L Unit mg/L mg/L mg/L | <u>D</u> | • | 04/10/23 11:02 Analyzed 04/12/23 20:16 04/17/23 17:41 04/07/23 16:49 | Dil Fac |
| Methane General Chemistry Analyte Sulfate (EPA 300.0) Alkalinity, Total (EPA 310.2) Nitrate as N (EPA 353.2) Nitrite as N (EPA 353.2) | 20000 Result 1.4 445 ND ND | Qualifier | 890 RL 4.0 50.0 0.050 0.050 | 220 MDL 0.70 20.0 0.020 0.020 0.43 | Unit mg/L mg/L mg/L mg/L | <u>D</u> | • | 04/10/23 11:02 Analyzed 04/12/23 20:16 04/17/23 17:41 04/07/23 16:49 04/07/23 16:49 | Dil Fac |
| Methane General Chemistry Analyte Sulfate (EPA 300.0) Alkalinity, Total (EPA 310.2) Nitrate as N (EPA 353.2) Nitrite as N (EPA 353.2) Total Organic Carbon (SW846 9060A) | 20000 Result 1.4 445 ND ND 48.4 | Qualifier | RL 4.0 50.0 0.050 0.050 1.0 | 220 MDL 0.70 20.0 0.020 0.020 0.43 | Unit mg/L mg/L mg/L mg/L mg/L | <u>D</u> | • | Analyzed 04/10/23 11:02 Analyzed 04/12/23 20:16 04/17/23 17:41 04/07/23 16:49 04/07/23 16:49 04/15/23 04:21 | Dil Fac |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP18-S Date Collected: 04/07/23 12:10

Date Received: 04/07/23 13:45

Lab Sample ID: 480-207637-12

Matrix: Water

| Result Qualifier | RL | | | D | Prepared | Analyzed | Dil Fa |
|------------------|---|---|---|--------------------------------------|--|-------------------------|--------|
| ND | 1.0 | | - | | | 04/11/23 05:28 | |
| | 1.0 | 0.21 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | | | | | 04/11/23 05:28 | |
| ND | 1.0 | | - | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.38 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.29 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.41 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.39 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.79 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.21 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.72 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.78 | ug/L | | | 04/11/23 05:28 | |
| ND | 1.0 | 0.84 | ug/L | | | 04/11/23 05:28 | |
| ND | 10 | | - | | | 04/11/23 05:28 | |
| ND *+ | 5.0 | | - | | | 04/11/23 05:28 | |
| ND | 5.0 | | | | | 04/11/23 05:28 | |
| ND | 10 | | - | | | 04/11/23 05:28 | |
| ND | 1.0 | | - | | | 04/11/23 05:28 | |
| ND | 1.0 | | | | | 04/11/23 05:28 | |
| ND | 1.0 | | - | | | 04/11/23 05:28 | |
| ND | 1.0 | | - | | | 04/11/23 05:28 | |
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| | | | - | | | | |
| ND | 1.0 | 0.90 | ug/L | | | 04/11/23 05:28 | |
| | Result Qualifier ND ND ND ND ND ND ND ND ND N | ND 1.0 ND 1.0 | Result Qualifier RL MDL ND 1.0 0.82 ND 1.0 0.21 ND 1.0 0.23 ND 1.0 0.38 ND 1.0 0.29 ND 1.0 0.41 ND 1.0 0.39 ND 1.0 0.79 ND 1.0 0.72 ND 1.0 0.72 ND 1.0 0.78 ND 1.0 0.72 ND 1.0 0.41 ND 1.0 0.41 ND 1.0 0.44 ND 1.0 0.75 ND 1.0 <td> Result Qualifier RL MDL Unit </td> <td> Result Qualifier RL MDL Unit D </td> <td> Result Qualifier RL</td> <td> ND</td> | Result Qualifier RL MDL Unit | Result Qualifier RL MDL Unit D | Result Qualifier RL | ND |

Eurofins Buffalo

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP18-S Date Collected: 04/07/23 12:10 Lab Sample ID: 480-207637-12

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------------|------------|-----------|----------|-------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 94 | | 80 - 120 | | | | | 04/11/23 05:28 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 108 | | 77 - 120 | | | | | 04/11/23 05:28 | 1 |
| 4-Bromofluorobenzene (Surr) | 98 | | 73 - 120 | | | | | 04/11/23 05:28 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 75 - 123 | | | | | 04/11/23 05:28 | |
| Method: RSK-175 - Dissolved | Gases (GC) |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Carbon dioxide | 62000 | | 10000 | 5000 | ug/L | | | 04/13/23 11:35 | |
| Ethane | ND | | 170 | 33 | ug/L | | | 04/10/23 10:05 | 22 |
| Ethene | ND | | 150 | 33 | ug/L | | | 04/10/23 10:05 | 22 |
| Methane | 3300 | | 88 | 22 | ug/L | | | 04/10/23 10:05 | 22 |
| 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 | | | 04/12/23 20:35 | 2 |
| Alkalinity, Total (EPA 310.2) | 297 | | 50.0 | 20.0 | mg/L | | | 04/17/23 17:41 | 5 |
| Nitrate as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | ≎ | | 04/07/23 16:50 | 1 |
| Nitrite as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 04/07/23 16:50 | 1 |
| Total Organic Carbon (SW846 9060A) | 8.4 | | 1.0 | 0.43 | mg/L | | | 04/13/23 09:10 | 1 |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 04/10/23 13:00 | • |
| General Chemistry - Dissolve | ed | | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | | | | | | | • | • | |

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5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35S

Lab Sample ID: 480-207637-13

Date Collected: 04/06/23 11:10 **Matrix: Water** Date Received: 04/07/23 13:45

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|-----|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 04/11/23 05:51 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/11/23 05:51 | • |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 04/11/23 05:51 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 04/11/23 05:51 | |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 04/11/23 05:51 | |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 04/11/23 05:51 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 04/11/23 05:51 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 04/11/23 05:51 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/11/23 05:51 | |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/11/23 05:51 | |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | | | | 04/11/23 05:51 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| 2-Butanone (MEK) | ND | | 10 | | ug/L | | | 04/11/23 05:51 | |
| 2-Hexanone | ND | *+ | 5.0 | | ug/L | | | 04/11/23 05:51 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 04/11/23 05:51 | |
| Acetone | ND | | 10 | | ug/L | | | 04/11/23 05:51 | |
| Benzene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Bromoform | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Bromomethane | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Carbon tetrachloride | ND | | 1.0 | 0.17 | _ | | | 04/11/23 05:51 | |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Chloroethane | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Chloroform | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| cis-1,2-Dichloroethene | ND ND | | 1.0 | 0.81 | J | | | 04/11/23 05:51 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | - | | | 04/11/23 05:51 | |
| Cyclohexane | ND | | 1.0 | 0.30 | | | | 04/11/23 05:51 | |
| Dichlorodifluoromethane | ND ND | | 1.0 | | ug/L ug/L | | | 04/11/23 05:51 | |
| | ND ND | | | | - | | | | |
| Ethylbenzene 1.2-Dibromoethane | | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| , | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Isopropylbenzene | ND | | 1.0 | 0.79 | | | | 04/11/23 05:51 | |
| Methyl acetate | ND ND | | 2.5 | | ug/L | | | 04/11/23 05:51 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Styrene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | • |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | • |
| Toluene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | • |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Trichloroethene | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 04/11/23 05:51 | |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 04/11/23 05:51 | |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 04/11/23 05:51 | |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-35S Lab Sample ID: 480-207637-13

Date Collected: 04/06/23 11:10 Matrix: Water

Date Received: 04/07/23 13:45

| %Recovery Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|---------------------|-----------------|--|--|--|---|
| 92 | 80 - 120 | _ | • | 04/11/23 05:51 | |
| 106 | 77 - 120 | | | 04/11/23 05:51 | 1 |
| 90 | 73 - 120 | | | 04/11/23 05:51 | 1 |
| 101 | 75 - 123 | | | 04/11/23 05:51 | 1 |
| | 92 106 90 | 92 80 - 120 106 77 - 120 90 73 - 120 | 92 80 - 120 106 77 - 120 90 73 - 120 | 92 80 - 120 106 77 - 120 90 73 - 120 | 92 80 - 120 04/11/23 05:51 106 77 - 120 04/11/23 05:51 90 73 - 120 04/11/23 05:51 |

| General Chemistry Analyte | Result (| Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|----------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 5.2 | | 1.0 | 0.43 | mg/L | | | 04/13/23 09:40 | 1 |
| 9060A) | | | | | | | | | |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-39D Lab Sample ID: 480-207637-14

Date Collected: 04/06/23 13:15 Matrix: Water

Date Received: 04/07/23 13:45

| 1,1,1-Trichloroethane ND 1,1,2,2-Tetrachloroethane ND 1,1,2-Trichloroethane ND 1,1,2-Trichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,2-Trichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,3-Dichlorobenzene ND 2-Butanone (MEK) ND 2-Hexanone ND 4-Methyl-2-pentanone (MIBK) ND Benzene ND Bromodichloromethane ND Bromoform ND Bromoform ND Bromomethane ND Carbon disulfide ND Carbon tetrachloride ND Chloroethane ND Chloroform ND Chloroform ND Chloromethane ND Chlorodifluoromethane ND cis-1,2-Dichloroethene ND <t< th=""><th>8.0 8.0 8.0</th><th>6.6</th><th></th><th></th><th></th><th>Dil Fa</th></t<> | 8.0 8.0 8.0 | 6.6 | | | | Dil Fa |
|--|-------------------|-----|--------------|--|----------------------------------|--------|
| 1,1,2-Trichloroethane ND 1,1,2-Trichloro-1,2,2-trifluoroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,2-Trichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichloroethane ND 1,2-Dichloropropane ND 1,3-Dichlorobenzene ND 2-Butanone (MEK) ND 2-Hexanone ND 4-Methyl-2-pentanone (MIBK) ND Acetone ND Benzene ND Bromodichloromethane ND Bromoform ND Bromomethane ND Carbon disulfide ND Carbon tetrachloride ND Chlorobenzene ND Dibromochloromethane ND Chloroform ND Chloromethane ND Chlorodifluoromethane ND Dichlorodifluoromethane ND Dichlorodifluoromethane ND Isopropylb | | 0.0 | ug/L | | 04/11/23 06:15 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dibromo-3-Chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Methyl-2-pentanone (MIBK) 1,2-Dichloromethane 1,3-Dichloromethane 1,3-Dichloromethane 1,4-Methyl-2-pentanone (MIBK) 1,4-Dichloromethane 1,5-Dichloromethane 1,5-Dichloromethane 1,5-Dichloromethane 1,5-Dichloromethane 1,5-Dichloromethane 1,5-Dichloroethene 1,5-Dichloroethene 1,5-Dichloroethane 1,2-Dibromoethane 1,3-Dichloroform 1,3-Dichloroform 1,3-Dichloroform 1,3-Dichloropropene 1,3-Dichloroethane 1,3-Dichlor | 8 N | 1.7 | ug/L | | 04/11/23 06:15 | |
| 1,1-Dichloroethane ND 1,1-Dichloroethene ND 1,2-Trichlorobenzene ND 1,2-Dibromo-3-Chloropropane ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,3-Dichlorobenzene ND 1,3-Dichlorobenzene ND 1,4-Dichlorobenzene ND 2-Butanone (MEK) ND 2-Hexanone (MEK) ND 2-Hexanone ND 3-Genzene ND 3-Gromofichloromethane ND 3-Gromofichloromethane ND 3-Gromoform ND 3- | 0.0 | 1.8 | ug/L | | 04/11/23 06:15 | |
| 1,1-Dichloroethene ND 1,2,4-Trichlorobenzene ND 1,2-Dibromo-3-Chloropropane ND 1,2-Dichlorobenzene ND 1,2-Dichloroethane ND 1,2-Dichloropropane ND 1,3-Dichlorobenzene ND 1,3-Dichlorobenzene ND 1,4-Dichlorobenzene ND 2-Butanone (MEK) ND 2-Hexanone ND 3-Dichlorobenzene ND 3-Dichlorobenzene ND 3-Dichlorobenzene ND 3-Dichlorobenzene ND 3-Dichlorobenzene ND 3-Dichloromethane ND 3-Dichloromethane ND 3-Dichloromethane ND 3-Dichloromethane ND 3-Dichlorobenzene ND 3-Dichlorobenzene ND 3-Dichloromethane ND 3-Dichloromethane ND 3-Dichloroform ND 3-Dichloroethane ND 3-Dichloroethene ND 3-Dichloroethene ND 3-Dichlorodifluoromethane 8.0 | 2.5 | ug/L | | 04/11/23 06:15 | |
| 1,2,4-Trichlorobenzene ND 1,2-Dibromo-3-Chloropropane ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,3-Dichlorobenzene ND 1,4-Dichlorobenzene ND 2-Butanone (MEK) ND 2-Hexanone ND 3-Methyl-2-pentanone (MIBK) ND 3-Cetone ND 3-Bromodichloromethane ND 3-Brom | 8.0 | 3.0 | ug/L | | 04/11/23 06:15 | |
| 1,2-Dibromo-3-Chloropropane 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichloropenzene 1,4-Dichloropenzene 1,4-Dichloromethane 1,4-Dichloromethane 1,4-Dichloromethane 1,4-Dichloromethane 1,5-Dichloromethane 1,5-Dichloropenzene 1,5-Dichloropenzene 1,5-Dichloropenzene 1,5-Dichloropenzene 1,5-Dichloropenzene 1,5-Dichloropenzene 1,5-Dichloromethane | 8.0 | 2.3 | ug/L | | 04/11/23 06:15 | |
| 1,2-Dichlorobenzene ND 1,2-Dichloroethane ND 1,2-Dichloropropane ND 1,3-Dichlorobenzene ND 1,4-Dichlorobenzene ND 2-Butanone (MEK) ND 2-Hexanone ND 3-Cetone ND 3-Cetone ND 3-Commodichloromethane ND 3- | 8.0 | 3.3 | ug/L | | 04/11/23 06:15 | |
| ,2-Dichloroethane ND ,2-Dichloropropane ND ,3-Dichlorobenzene ND ,4-Dichlorobenzene ND -Butanone (MEK) ND -Hexanone ND -Hexanone ND -Acetone ND -Aceto | 8.0 | 3.1 | ug/L | | 04/11/23 06:15 | |
| A,2-Dichloropropane A,3-Dichlorobenzene A,4-Dichlorobenzene B-Butanone (MEK) A-Hexanone | 8.0 | 6.3 | ug/L | | 04/11/23 06:15 | |
| ,3-Dichlorobenzene ND ,4-Dichlorobenzene ND ,2-Butanone (MEK) ND ,2-Hexanone ND ,4-Methyl-2-pentanone (MIBK) ND ,4-Cetone ND ,5-Cetone | 8.0 | 1.7 | ug/L | | 04/11/23 06:15 | |
| A-Dichlorobenzene ND B-Butanone (MEK) ND B-Hexanone ND *+ I-Methyl-2-pentanone (MIBK) ND Acetone ND Boromodichloromethane ND Bromodichloromethane ND Bromomethane ND Bromomethane ND Carbon disulfide ND Chlorobenzene ND Chlorobenzene ND Chlorothane ND Chlorothane ND Chlorothane ND Chlorothane ND Chloromethane ND Chlorodifluoromethane ND Chlo | 8.0 | 5.8 | ug/L | | 04/11/23 06:15 | |
| A-Butanone (MEK) A-Hexanone A-Methyl-2-pentanone (MIBK) Accetone Benzene Bromodichloromethane Bromomethane Br | 8.0 | | ug/L | | 04/11/23 06:15 | |
| 2-Hexanone ND *+ 1-Methyl-2-pentanone (MIBK) ND Acetone ND 3-cenzene ND 3-comodichloromethane ND 3-comomethane ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Acetone ND Acetone ND Acetone ND Acetone ND Bromodichloromethane ND Bromodichloromethane ND Bromomethane ND Bromomethane ND Carbon disulfide ND Carbon tetrachloride ND Chlorobenzene ND Chlorothane ND Chlorothane ND Chloroethane ND Chloromethane ND Chlorodifluoromethane ND Cyclohexane ND Cyclohexane ND Chlorodifluoromethane | 80 | | ug/L | | 04/11/23 06:15 | |
| scetone ND servence ND | 40 | | ug/L | | 04/11/23 06:15 | |
| Acetone ND Benzene ND Bromodichloromethane ND Bromodichloromethane ND Bromodichloromethane ND Bromomethane ND Bromomethane ND Bromomethane ND Carbon disulfide ND Chlorobenzene ND Chlorobenzene ND Chloroform ND Chloroform ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chlorodifluoromethane ND Chlorodif | 40 | | ug/L | | 04/11/23 06:15 | |
| stromodichloromethane stromoform ND stromoform ND stromomethane ND stromomethane ND stromomethane ND stromochloromethane ND schlorobenzene ND schloroethane ND schloromethane ND schloroform ND schloromethane ND schlorodifluoromethane ND scyclohexane ND schlorodifluoromethane | 80 | | ug/L | | 04/11/23 06:15 | |
| stromoform ND stromomethane ND stromomet | 8.0 | | ug/L | | 04/11/23 06:15 | |
| stromoform ND stromomethane ND starbon disulfide ND starbon tetrachloride ND shlorobenzene ND shlorobenzene ND shloroform ND shloroform ND shloromethane ND shloromethane ND shloromethane ND shloromethane ND sis-1,2-Dichloroethene ND sis-1,3-Dichloropropene ND syclohexane ND striplenzene ND striplenzene ND striplenzene ND striplenzene ND stetryl acetate ND stetryl acetate ND stetryl tert-butyl ether ND striplenzene ND stetryl tert-butyl ether ND stetrylene Chloride ND stryrene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| sromomethane ND sarbon disulfide ND sarbon tetrachloride ND shlorobenzene ND shloromochloromethane ND shloroform ND shloromethane ND shloromethane ND shloromethane ND shloromethane ND shloromethane ND shloromethane ND sis-1,2-Dichloroethene ND sis-1,3-Dichloropropene ND syclohexane ND sichlorodifluoromethane ND shlorodifluoromethane ND shlorodifluoromethane ND strylbenzene ND strylbenzene ND stethyl acetate ND stethyl acetate ND stethyl tert-butyl ether ND stethylorodide ND styrene ND styrene ND styrene ND styrene ND styrene ND styrene ND soluene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| arbon disulfide ND arbon tetrachloride ND hlorobenzene ND ibromochloromethane ND hloroethane ND hloroethane ND hloromethane ND s-1,2-Dichloroethene ND is-1,3-Dichloropropene ND yclohexane ND ichlorodifluoromethane ND ttylbenzene ND -,2-Dibromoethane ND dethyl acetate ND lethyl tert-butyl ether ND lethylcyclohexane ND lethylene Chloride ND tyrene etrachloroethene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| arbon tetrachloride ND hlorobenzene ND ibromochloromethane ND hloroethane ND hloroform ND hloromethane ND s-1,2-Dichloroethene ND s-1,3-Dichloropropene ND yclohexane ND ichlorodifluoromethane ND thylbenzene ND copropylbenzene ND lethyl acetate ND lethyl tert-butyl ether ND lethylene Chloride ND tyrene ND coluene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| chlorobenzene ND chloroethane ND chloroethane ND chloroform ND chloromethane ND chloromethane ND chloromethane ND chloromethane ND chloromethane ND chloromethane ND chloropropene ND cyclohexane ND cyclohexane ND cyclohexane ND cyclohexane ND cyclohexane ND cyclohexane ND chlorodifluoromethane ND cyclohexane ND cyclohexa | 8.0 | | ug/L | | 04/11/23 06:15 | |
| bibromochloromethane chloroethane chloroform chloromethane chloromethane chloromethane chloromethane chloromethane chloromethane chloromethane chloromethane chloropropene chlorodifluoromethane chlorodifluoromethane chlorodifluoromethane chlorodifluoromethane chloropropylbenzene chlorop | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Chloroethane ND Chloroform ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Chlorodifluoroethene ND Cyclohexane ND Cy | 8.0 | | ug/L | | 04/11/23 06:15 | |
| chloroform ND chloromethane ND chloromethane ND cis-1,2-Dichloroethene ND cis-1,3-Dichloropropene ND cyclohexane ND cichlorodifluoromethane ND cithylbenzene ND copropylbenzene ND dethyl acetate ND dethyl tert-butyl ether ND dethylcyclohexane ND dethylene Chloride ND cityrene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Chloromethane Indicate the content of the content | 8.0 | | ug/L | | 04/11/23 06:15 | |
| is-1,2-Dichloroethene ND is-1,3-Dichloropropene ND cyclohexane ND cyclohexane ND cithylbenzene ND cyclohexane N | 8.0 | | ug/L | | 04/11/23 06:15 | |
| is-1,3-Dichloropropene ND Cyclohexane ND Methyl acetate ND Methyl tert-butyl ether ND Methylcyclohexane ND Methylene Chloride ND Cyclohexane | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Cyclohexane ND Dichlorodifluoromethane ND Cithylbenzene ND Cyclohromoethane ND Sopropylbenzene ND Methyl acetate ND Methyl tert-butyl ether ND Methylcyclohexane ND Methylene Chloride ND Styrene ND Soluene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Dichlorodifluoromethane Ithylbenzene ND Ithylbenzene ND Ithylbenzene ND Ithylbenzene ND Ithylbenzene ND Ithylbenzene ND Ithylbenzene Ithylbenzene ND Ithylbenzene Ithylbenzene ND Ithylbenzene I | 8.0 | | ug/L | | 04/11/23 06:15 | |
| thylbenzene ND ,2-Dibromoethane ND sopropylbenzene ND flethyl acetate ND flethyl tert-butyl ether ND flethylcyclohexane ND flethylene Chloride ND styrene ND soluene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| ,2-Dibromoethane ND sopropylbenzene ND Methyl acetate ND Methyl tert-butyl ether ND Methylcyclohexane ND Methylene Chloride ND styrene ND setrachloroethene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Sopropylbenzene ND Methyl acetate ND Methyl tert-butyl ether ND Methylcyclohexane ND Methylene Chloride ND Styrene ND Setrachloroethene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Methyl acetate ND Methyl tert-butyl ether ND Methylcyclohexane ND Methylene Chloride ND Styrene ND Metrachloroethene ND Mothylene ND Mothylene ND Mothylene ND Mothylene ND Mothylene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| Methyl tert-butyl ether ND Methylcyclohexane ND Methylene Chloride ND Styrene ND Metrachloroethene ND Modernachloroethene ND Modernachloroethene ND | 20 | | ug/L | | 04/11/23 06:15 | |
| Methylcyclohexane ND Methylene Chloride ND Attyrene ND Attrachloroethene ND Attrachloroethene ND Attrachloroethene ND Attrachloroethene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| /lethylene Chloride ND etyrene ND etrachloroethene ND oluene ND | 8.0 | | ug/L ug/L | | 04/11/23 06:15 | |
| otyrene ND etrachloroethene ND oluene ND | 8.0 | | ug/L ug/L | | 04/11/23 06:15 | |
| etrachloroethene ND oluene ND | 8.0 | | | | 04/11/23 06:15 | |
| oluene ND | | | ug/L | | | |
| | 8.0 8.0 | | ug/L ug/L | | 04/11/23 06:15 | |
| ans-n.z-Dichioroethene ND | | | | | 04/11/23 06:15 | |
| • | 8.0 | | ug/L | | 04/11/23 06:15 | |
| ans-1,3-Dichloropropene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| richloroethene ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| richlorofluoromethane ND | 8.0 | | ug/L | | 04/11/23 06:15 | |
| /inyl chloride ND (ylenes, Total ND | 8.0 | | ug/L ug/L | | 04/11/23 06:15 04/11/23 06:15 | |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-39D Lab Sample ID: 480-207637-14 Date Collected: 04/06/23 13:15

Matrix: Water

Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifi | ier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------------|---------------------|----------|----------------|---------|
| Toluene-d8 (Surr) | 94 | 80 - 120 | | 04/11/23 06:15 | 8 |
| 1,2-Dichloroethane-d4 (Surr) | 108 | 77 - 120 | | 04/11/23 06:15 | 8 |
| 4-Bromofluorobenzene (Surr) | 100 | 73 - 120 | | 04/11/23 06:15 | 8 |
| Dibromofluoromethane (Surr) | 103 | 75 ₋ 123 | | 04/11/23 06:15 | 8 |

| General Chemistry Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 22.1 | | 1.0 | 0.43 | mg/L | | | 04/13/23 10:10 | 1 |
| 9060A) | | | | | | | | | |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP02-S Lab Sample ID: 480-207637-15

Date Collected: 04/06/23 12:35 **Matrix: Water** Date Received: 04/07/23 13:45

| Method: SW846 8260C - Volatile Analyte | _ | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---|------|-----------|------|-----|------|---|---------------------------------------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 100 | 82 | ug/L | | · · · · · · · · · · · · · · · · · · · | 04/11/23 06:38 | 10 |
| 1,1,2,2-Tetrachloroethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 1,1,2-Trichloroethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | F2 | 100 | 31 | ug/L | | | 04/11/23 06:38 | 10 |
| 1,1-Dichloroethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 1,1-Dichloroethene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 1,2,4-Trichlorobenzene | ND | F1 | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 1,2-Dibromo-3-Chloropropane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 1,2-Dichlorobenzene | ND | | 100 | 79 | ug/L | | | 04/11/23 06:38 | 10 |
| 1,2-Dichloroethane | ND | | 100 | 21 | ug/L | | | 04/11/23 06:38 | 10 |
| 1,2-Dichloropropane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| I,3-Dichlorobenzene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 1,4-Dichlorobenzene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| 2-Butanone (MEK) | ND | | 1000 | | ug/L | | | 04/11/23 06:38 | 10 |
| 2-Hexanone | ND | *+ F1 | 500 | | ug/L | | | 04/11/23 06:38 | 10 |
| I-Methyl-2-pentanone (MIBK) | ND | | 500 | | ug/L | | | 04/11/23 06:38 | 10 |
| Acetone | ND | | 1000 | | ug/L | | | 04/11/23 06:38 | 10 |
| Benzene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Bromodichloromethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Bromoform | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Bromomethane | ND | F2 | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Carbon disulfide | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Carbon tetrachloride | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Chlorobenzene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Dibromochloromethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Chloroethane | ND | F2 | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Chloroform | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Chloromethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| cis-1,2-Dichloroethene | 4600 | F1 | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| is-1,3-Dichloropropene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Cyclohexane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Dichlorodifluoromethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Ethylbenzene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| I,2-Dibromoethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| sopropylbenzene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Methyl acetate | ND | | 250 | | ug/L | | | 04/11/23 06:38 | 10 |
| Methyl tert-butyl ether | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Methylcyclohexane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Methylene Chloride | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Styrene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| etrachloroethene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| oluene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| rans-1,2-Dichloroethene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| rans-1,3-Dichloropropene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| richloroethene | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Frichlorofluoromethane | ND | | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| /inyl chloride | 2400 | F1 | 100 | | ug/L | | | 04/11/23 06:38 | 10 |
| Xylenes, Total | ND | • • | 200 | | ug/L | | | 04/11/23 06:38 | 10 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP02-S Lab Sample ID: 480-207637-15

Date Collected: 04/06/23 12:35
Date Received: 04/07/23 13:45

Matrix: Water

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 92 | | 80 - 120 | | | | | 04/11/23 06:38 | 100 |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | 77 - 120 | | | | | 04/11/23 06:38 | 100 |
| 4-Bromofluorobenzene (Surr) | 94 | | 73 - 120 | | | | | 04/11/23 06:38 | 100 |
| Dibromofluoromethane (Surr) | 99 | | 75 - 123 | | | | | 04/11/23 06:38 | 100 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 9060A) | 7.0 | | 1.0 | 0.43 | mg/L | | | 04/12/23 16:37 | 1 |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP16-S Date Collected: 04/06/23 11:55 Lab Sample ID: 480-207637-16

Matrix: Water

Date Received: 04/07/23 13:45

| Analyte | Result | Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|------------|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | | 4.0 | 3.3 | ug/L | | | 04/11/23 07:01 | |
| 1,1,2,2-Tetrachloroethane | ND | | 4.0 | 0.84 | ug/L | | | 04/11/23 07:01 | |
| 1,1,2-Trichloroethane | ND | | 4.0 | 0.92 | ug/L | | | 04/11/23 07:01 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 4.0 | 1.2 | ug/L | | | 04/11/23 07:01 | |
| 1,1-Dichloroethane | ND | | 4.0 | 1.5 | ug/L | | | 04/11/23 07:01 | |
| 1,1-Dichloroethene | ND | | 4.0 | 1.2 | ug/L | | | 04/11/23 07:01 | |
| 1,2,4-Trichlorobenzene | ND | | 4.0 | 1.6 | ug/L | | | 04/11/23 07:01 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 4.0 | 1.6 | ug/L | | | 04/11/23 07:01 | |
| 1,2-Dichlorobenzene | ND | | 4.0 | 3.2 | ug/L | | | 04/11/23 07:01 | |
| 1,2-Dichloroethane | ND | | 4.0 | 0.84 | ug/L | | | 04/11/23 07:01 | |
| 1,2-Dichloropropane | ND | | 4.0 | 2.9 | ug/L | | | 04/11/23 07:01 | |
| 1,3-Dichlorobenzene | ND | | 4.0 | 3.1 | ug/L | | | 04/11/23 07:01 | |
| 1,4-Dichlorobenzene | ND | | 4.0 | 3.4 | ug/L | | | 04/11/23 07:01 | |
| 2-Butanone (MEK) | ND | | 40 | 5.3 | ug/L | | | 04/11/23 07:01 | |
| 2-Hexanone | ND | *+ | 20 | | ug/L | | | 04/11/23 07:01 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 20 | | ug/L | | | 04/11/23 07:01 | |
| Acetone | ND | | 40 | | ug/L | | | 04/11/23 07:01 | |
| Benzene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Bromodichloromethane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Bromoform | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Bromomethane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Carbon disulfide | ND | | 4.0 | 0.76 | | | | 04/11/23 07:01 | |
| Carbon tetrachloride | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Chlorobenzene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Dibromochloromethane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Chloroethane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Chloroform | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Chloromethane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| cis-1,2-Dichloroethene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| cis-1,3-Dichloropropene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Cyclohexane | ND | | 4.0 | 0.72 | | | | 04/11/23 07:01 | |
| Dichlorodifluoromethane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Ethylbenzene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| 1,2-Dibromoethane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Isopropylbenzene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Methyl acetate | ND | | 10 | | ug/L | | | 04/11/23 07:01 | |
| Methyl tert-butyl ether | ND | | 4.0 | 0.64 | | | | 04/11/23 07:01 | |
| Methylcyclohexane | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Methylene Chloride | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Styrene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | |
| Tetrachloroethene | ND | | 4.0 | | ug/L | | | 04/11/23 07:01 | · |
| Toluene | ND ND | | 4.0 | | ug/L ug/L | | | 04/11/23 07:01 | |
| trans-1,2-Dichloroethene | ND | | 4.0 | | ug/L ug/L | | | 04/11/23 07:01 | |
| trans-1,3-Dichloropropene | ND ND | | 4.0 | | ug/L ug/L | | | 04/11/23 07:01 | |
| Trichloroethene | ND ND | | 4.0 | | ug/L ug/L | | | 04/11/23 07:01 | |
| Trichlorofluoromethane | ND | | | | ug/L ug/L | | | 04/11/23 07:01 | |
| | ND ND | | 4.0 4.0 | | - | | | 04/11/23 07:01 | |
| Vinyl chloride Xylenes, Total | ND ND | | 4.0 8.0 | | ug/L ug/L | | | 04/11/23 07:01 | |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Total Organic Carbon (SW846

9060A)

Client Sample ID: A1-GP16-S Lab Sample ID: 480-207637-16

Date Collected: 04/06/23 11:55

Matrix: Water

Date Collected: 04/06/23 11:55 Matrix: Wat Date Received: 04/07/23 13:45

| Surrogate | %Recovery Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 91 | 80 - 120 | | | | 04/11/23 07:01 | 4 |
| 1,2-Dichloroethane-d4 (Surr) | 108 | 77 - 120 | | | | 04/11/23 07:01 | 4 |
| 4-Bromofluorobenzene (Surr) | 97 | 73 - 120 | | | | 04/11/23 07:01 | 4 |
| Dibromofluoromethane (Surr) | 102 | 75 - 123 | | | | 04/11/23 07:01 | 4 |
| General Chemistry | | | | | | | |
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |

1.0

0.43 mg/L

23.2

9

04/12/23 17:06

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-40D

Lab Sample ID: 480-207715-1 Date Collected: 04/11/23 10:03

Matrix: Water Date Received: 04/12/23 09:00

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|----------|-----------|------------|-----|------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | 74 | | 8.0 | 6.6 | ug/L | | | 04/12/23 16:46 | |
| 1,1,2,2-Tetrachloroethane | ND | *+ | 8.0 | 1.7 | ug/L | | | 04/12/23 16:46 | ; |
| 1,1,2-Trichloroethane | ND | | 8.0 | 1.8 | ug/L | | | 04/12/23 16:46 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.0 | 2.5 | ug/L | | | 04/12/23 16:46 | |
| 1,1-Dichloroethane | 250 | | 8.0 | 3.0 | ug/L | | | 04/12/23 16:46 | |
| 1,1-Dichloroethene | ND | | 8.0 | 2.3 | ug/L | | | 04/12/23 16:46 | |
| 1,2,4-Trichlorobenzene | ND | | 8.0 | 3.3 | ug/L | | | 04/12/23 16:46 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.0 | 3.1 | ug/L | | | 04/12/23 16:46 | |
| 1,2-Dichlorobenzene | ND | | 8.0 | 6.3 | ug/L | | | 04/12/23 16:46 | |
| 1,2-Dichloroethane | ND | | 8.0 | 1.7 | ug/L | | | 04/12/23 16:46 | |
| 1,2-Dichloropropane | ND | | 8.0 | 5.8 | ug/L | | | 04/12/23 16:46 | |
| 1,3-Dichlorobenzene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| 1,4-Dichlorobenzene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| 2-Butanone (MEK) | ND | | 80 | | ug/L | | | 04/12/23 16:46 | |
| 2-Hexanone | ND | *+ | 40 | | • | | | 04/12/23 16:46 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 40 | | ug/L | | | 04/12/23 16:46 | |
| Acetone | ND | | 80 | | | | | 04/12/23 16:46 | |
| Benzene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Bromodichloromethane | ND | | 8.0 | 3.1 | ug/L | | | 04/12/23 16:46 | ; |
| Bromoform | ND | *+ | 8.0 | 2.1 | ug/L | | | 04/12/23 16:46 | |
| Bromomethane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Carbon disulfide | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Carbon tetrachloride | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Chlorobenzene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Dibromochloromethane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Chloroethane | 480 | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Chloroform | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | · |
| Chloromethane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| cis-1,2-Dichloroethene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| cis-1,3-Dichloropropene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | · |
| Cyclohexane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Dichlorodifluoromethane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | , |
| Ethylbenzene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | , |
| 1,2-Dibromoethane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Isopropylbenzene | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | , |
| Methyl acetate | ND | | 20 | | ug/L | | | 04/12/23 16:46 | , |
| Methyl tert-butyl ether | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | ' |
| Methylcyclohexane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | , |
| | ND ND | | | | - | | | | |
| Methylene Chloride | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 04/12/23 16:46 | ; |
| Styrene Tetrachloroethene | ND ND | | 8.0 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Tetrachioroethene Toluene | ND ND | | 8.0 8.0 | | ug/L | | | 04/12/23 16:46 | |
| | | | | | ug/L | | | | |
| trans-1,2-Dichloroethene | ND | * | 8.0 | | ug/L | | | 04/12/23 16:46 | ; |
| trans-1,3-Dichloropropene | ND | + | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Trichlandinannathan | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Trichlorofluoromethane | ND | | 8.0 | | ug/L | | | 04/12/23 16:46 | |
| Vinyl chloride | ND | | 8.0 | 7.2 | ug/L | | | 04/12/23 16:46 | ; |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-40D

Lab Sample ID: 480-207715-1 Date Collected: 04/11/23 10:03

Matrix: Water

Date Received: 04/12/23 09:00

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
|------------------------------------|--------------|-----------|----------|-------|------|---|-----------|----------------|-----------|
| Toluene-d8 (Surr) | 99 | | 80 - 120 | | | - | . ropurou | 04/12/23 16:46 | - Dii i u |
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 77 - 120 | | | | | 04/12/23 16:46 | |
| 4-Bromofluorobenzene (Surr) | 101 | | 73 - 120 | | | | | 04/12/23 16:46 | |
| Dibromofluoromethane (Surr) | 100 | | 75 - 123 | | | | | 04/12/23 16:46 | |
| Method: RSK-175 - Dissolve | d Gases (GC) |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Ethane | ND | | 170 | 33 | ug/L | | | 04/13/23 09:05 | 2: |
| Ethene | ND | | 150 | 33 | ug/L | | | 04/13/23 09:05 | 2: |
| Method: RSK-175 - Dissolve | d Gases (GC) |) - DL | | | | | | | |
| Analyte | • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Methane | 21000 | | 440 | 110 | ug/L | | | 04/13/23 10:02 | 11 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Sulfate (EPA 300.0) | ND | | 10.0 | 1.7 | mg/L | | | 04/20/23 05:35 | |
| Alkalinity, Total (EPA 310.2) | 301 | | 50.0 | 20.0 | mg/L | | | 04/18/23 13:41 | : |
| Nitrate as N (EPA 353.2) | 0.029 | J | 0.050 | 0.020 | mg/L | ₩ | | 04/12/23 19:41 | |
| Nitrite as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 04/12/23 19:41 | |
| Total Organic Carbon (SW846 9060A) | 21.7 | | 1.0 | 0.43 | mg/L | | | 04/13/23 19:16 | |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 04/17/23 14:00 | |
| - General Chemistry - Dissolv | red | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Ferrous Iron (SM 3500 FE D) | ND | HF | 0.10 | 0.075 | ma/l | | | 04/26/23 13:30 | |

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP10-S Date Collected: 04/11/23 12:00

Date Received: 04/12/23 09:00

Lab Sample ID: 480-207715-2

Matrix: Water

| Method: SW846 8260C - Volatil Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|----------|--------------|------|------|--------------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 400 | 330 | ug/L | | | 04/12/23 17:09 | 400 |
| 1,1,2,2-Tetrachloroethane | ND | *+ | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,1,2-Trichloroethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,1-Dichloroethane | 460 | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,1-Dichloroethene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,2,4-Trichlorobenzene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,2-Dibromo-3-Chloropropane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,2-Dichlorobenzene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,2-Dichloroethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,2-Dichloropropane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,3-Dichlorobenzene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,4-Dichlorobenzene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 2-Butanone (MEK) | ND | | 4000 | | ug/L | | | 04/12/23 17:09 | 400 |
| 2-Hexanone | ND | *+ | 2000 | | ug/L | | | 04/12/23 17:09 | 400 |
| 4-Methyl-2-pentanone (MIBK) | ND | . | 2000 | | ug/L | | | 04/12/23 17:09 | 400 |
| Acetone | ND ND | | 4000 | 1200 | - | | | 04/12/23 17:09 | 400 |
| Benzene | ND ND | | 4000 | | ug/L ug/L | | | 04/12/23 17:09 | 400 |
| | | | | | | | | 04/12/23 17:09 | |
| Bromodichloromethane | ND ND | *. | 400 | | ug/L | | | | 400 |
| Bromoform | | + | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Bromomethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Carbon disulfide | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Carbon tetrachloride | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Chlorobenzene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Dibromochloromethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Chloroethane | 9000 | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Chloroform | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Chloromethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| cis-1,2-Dichloroethene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| cis-1,3-Dichloropropene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Cyclohexane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Dichlorodifluoromethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Ethylbenzene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| 1,2-Dibromoethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Isopropylbenzene | ND | | 400 | 320 | ug/L | | | 04/12/23 17:09 | 400 |
| Methyl acetate | ND | | 1000 | | ug/L | | | 04/12/23 17:09 | 400 |
| Methyl tert-butyl ether | ND | | 400 | 64 | ug/L | | | 04/12/23 17:09 | 400 |
| Methylcyclohexane | ND | | 400 | 64 | ug/L | | | 04/12/23 17:09 | 400 |
| Methylene Chloride | ND | | 400 | 180 | ug/L | | | 04/12/23 17:09 | 400 |
| Styrene | ND | | 400 | 290 | ug/L | | | 04/12/23 17:09 | 400 |
| Tetrachloroethene | ND | | 400 | 140 | ug/L | | | 04/12/23 17:09 | 400 |
| Toluene | ND | | 400 | 200 | ug/L | | | 04/12/23 17:09 | 400 |
| trans-1,2-Dichloroethene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| trans-1,3-Dichloropropene | ND | *+ | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Trichloroethene | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Trichlorofluoromethane | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Vinyl chloride | ND | | 400 | | ug/L | | | 04/12/23 17:09 | 400 |
| Xylenes, Total | ND | | 800 | | ug/L | | | 04/12/23 17:09 | 400 |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP10-S

Lab Sample ID: 480-207715-2

Matrix: Water

Date Collected: 04/11/23 12:00 Date Received: 04/12/23 09:00

Ferrous Iron (SM 3500 FE D)

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------------|-------------|-----------|----------|-------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 98 | | 80 - 120 | | | | | 04/12/23 17:09 | 400 |
| 1,2-Dichloroethane-d4 (Surr) | 107 | | 77 - 120 | | | | | 04/12/23 17:09 | 400 |
| 4-Bromofluorobenzene (Surr) | 97 | | 73 - 120 | | | | | 04/12/23 17:09 | 400 |
| Dibromofluoromethane (Surr) | 102 | | 75 - 123 | | | | | 04/12/23 17:09 | 400 |
| Method: RSK-175 - Dissolve | d Gases (GC |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Ethane | ND | | 170 | 33 | ug/L | | | 04/13/23 09:24 | 22 |
| Ethene | ND | | 150 | 33 | ug/L | | | 04/13/23 09:24 | 22 |
| Method: RSK-175 - Dissolve | d Gases (GC |) - DL | | | | | | | |
| Analyte | • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Methane | 10000 | | 440 | 110 | ug/L | | <u> </u> | 04/13/23 10:21 | 110 |
| - General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Sulfate (EPA 300.0) | 1.6 | J | 4.0 | 0.70 | mg/L | | | 04/20/23 07:09 | 2 |
| Alkalinity, Total (EPA 310.2) | 487 | | 50.0 | 20.0 | mg/L | | | 04/18/23 13:59 | 5 |
| Nitrate as N (EPA 353.2) | 0.025 | J | 0.050 | 0.020 | mg/L | ₩ | | 04/12/23 19:41 | 1 |
| Nitrite as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 04/12/23 19:41 | 1 |
| Total Organic Carbon (SW846 9060A) | 70.0 | | 1.0 | 0.43 | mg/L | | | 04/21/23 07:14 | 1 |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 04/17/23 14:00 | , |
| - General Chemistry - Dissolv | red | | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

0.10

0.075 mg/L

ND HF

04/26/23 13:30

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-42S Lab Sample ID: 480-207715-3

Matrix: Water

Date Collected: 04/11/23 15:20 Date Received: 04/12/23 09:00

| Analyte | Result Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|------------------|------|-----|--------------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | 200 | 160 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,1,2,2-Tetrachloroethane | ND *+ | 200 | 42 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,1,2-Trichloroethane | ND | 200 | 46 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 200 | 62 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,1-Dichloroethane | 740 | 200 | 76 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,1-Dichloroethene | ND | 200 | 58 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,2,4-Trichlorobenzene | ND | 200 | 82 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,2-Dibromo-3-Chloropropane | ND | 200 | 78 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,2-Dichlorobenzene | ND | 200 | 160 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,2-Dichloroethane | ND | 200 | 42 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,2-Dichloropropane | ND | 200 | 140 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,3-Dichlorobenzene | ND | 200 | 160 | ug/L | | | 04/12/23 17:33 | 200 |
| 1,4-Dichlorobenzene | ND | 200 | 170 | ug/L | | | 04/12/23 17:33 | 200 |
| 2-Butanone (MEK) | ND | 2000 | 260 | ug/L | | | 04/12/23 17:33 | 200 |
| 2-Hexanone | ND *+ | 1000 | | ug/L | | | 04/12/23 17:33 | 200 |
| 4-Methyl-2-pentanone (MIBK) | ND | 1000 | | ug/L | | | 04/12/23 17:33 | 200 |
| Acetone | ND | 2000 | | ug/L | | | 04/12/23 17:33 | 200 |
| Benzene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Bromodichloromethane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Bromoform | ND *+ | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Bromomethane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Carbon disulfide | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Carbon tetrachloride | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Chlorobenzene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Dibromochloromethane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Chloroethane | 6600 | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Chloroform | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Chloromethane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| cis-1,2-Dichloroethene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| cis-1,3-Dichloropropene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Cyclohexane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Dichlorodifluoromethane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Ethylbenzene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| 1,2-Dibromoethane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Isopropylbenzene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Methyl acetate | ND | 500 | | ug/L | | | 04/12/23 17:33 | 200 |
| Methyl tert-butyl ether | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Methylcyclohexane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Methylene Chloride | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Styrene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Tetrachloroethene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Toluene | 390 | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| trans-1,2-Dichloroethene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| trans-1,3-Dichloropropene | ND *+ | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Trichloroethene | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Trichlorofluoromethane | ND | 200 | | ug/L | | | 04/12/23 17:33 | 200 |
| Vinyl chloride | ND | 200 | | ug/L ug/L | | | 04/12/23 17:33 | 200 |
| Xylenes, Total | ND | 400 | | ug/L ug/L | | | 04/12/23 17:33 | 200 |

Eurofins Buffalo

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-42S Lab Sample ID: 480-207715-3

Date Collected: 04/11/23 15:20

Matrix: Water Date Received: 04/12/23 09:00

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
|---------------------------------------|--------------|-----------|----------|-------|------|----------|----------|----------------|--------|
| Toluene-d8 (Surr) | 97 | | 80 - 120 | | | | | 04/12/23 17:33 | 200 |
| 1,2-Dichloroethane-d4 (Surr) | 106 | | 77 - 120 | | | | | 04/12/23 17:33 | 200 |
| 4-Bromofluorobenzene (Surr) | 102 | | 73 - 120 | | | | | 04/12/23 17:33 | 200 |
| Dibromofluoromethane (Surr) | 97 | | 75 - 123 | | | | | 04/12/23 17:33 | 200 |
| Method: RSK-175 - Dissolved | I Gases (GC) |) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Ethane | 720 | | 330 | 66 | ug/L | | | 04/13/23 09:43 | 44 |
| Ethene | 2800 | | 310 | 66 | ug/L | | | 04/13/23 09:43 | 4 |
| Methane | 9900 | | 180 | 44 | ug/L | | | 04/13/23 09:43 | 4 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Sulfate (EPA 300.0) | 1.8 | J | 10.0 | 1.7 | mg/L | | | 04/20/23 07:28 | |
| Alkalinity, Total (EPA 310.2) | 560 | | 210 | 84.0 | mg/L | | | 04/18/23 14:15 | 2 |
| Nitrate as N (EPA 353.2) | 0.35 | | 0.050 | 0.020 | mg/L | ☼ | | 04/12/23 20:25 | |
| Nitrite as N (EPA 353.2) | ND | | 0.050 | 0.020 | mg/L | | | 04/12/23 19:41 | |
| Total Organic Carbon (SW846 9060A) | 155 | | 4.0 | 1.7 | mg/L | | | 04/21/23 07:44 | |
| Sulfide (SM 4500 S2 F) | ND | | 1.0 | 0.67 | mg/L | | | 04/17/23 14:00 | |
| General Chemistry - RA | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Nitrate as N (EPA 353.2) | 0.35 | Н | 0.050 | 0.020 | mg/L | <u> </u> | | 04/19/23 22:14 | |
| Nitrite as N (EPA 353.2) | ND | Н | 0.050 | 0.020 | mg/L | | | 04/19/23 22:14 | |
| General Chemistry - Dissolve | ed | | | | | | | | |
| Analyte | Regult | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP15-S Date Collected: 04/11/23 11:40

Lab Sample ID: 480-207715-4

Matrix: Water

Date Received: 04/12/23 09:00

| Analyte | Result Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|-----|------|--------------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/12/23 17:56 | |
| 1,1,2,2-Tetrachloroethane | ND *+ | 1.0 | 0.21 | ug/L | | | 04/12/23 17:56 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/12/23 17:56 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/12/23 17:56 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/12/23 17:56 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/12/23 17:56 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/12/23 17:56 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/12/23 17:56 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/12/23 17:56 | |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/12/23 17:56 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/12/23 17:56 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 04/12/23 17:56 | |
| 2-Hexanone | ND *+ | 5.0 | | ug/L | | | 04/12/23 17:56 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 04/12/23 17:56 | |
| Acetone | ND | 10 | | ug/L | | | 04/12/23 17:56 | |
| Benzene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Bromoform | ND *+ | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Chloroform | ND ND | 1.0 | | ug/L ug/L | | | 04/12/23 17:56 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| cis-1,2-Dichloroethene | ND ND | 1.0 | | ug/L ug/L | | | 04/12/23 17:56 | |
| · | ND ND | 1.0 | | ug/L ug/L | | | 04/12/23 17:56 | |
| cis-1,3-Dichloropropene | | | | | | | | |
| Cyclohexane | ND ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| sopropylbenzene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/12/23 17:56 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Styrene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| etrachloroethene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| oluene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| rans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| rans-1,3-Dichloropropene | ND *+ | 1.0 | | ug/L | | | 04/12/23 17:56 | |
| Trichloroethene | ND | 1.0 | 0.46 | ug/L | | | 04/12/23 17:56 | |
| Γrichlorofluoromethane | ND | 1.0 | 0.88 | ug/L | | | 04/12/23 17:56 | |
| √inyl chloride | ND | 1.0 | 0.90 | ug/L | | | 04/12/23 17:56 | |
| Xylenes, Total | ND | 2.0 | 0.66 | ug/L | | | 04/12/23 17:56 | |

Eurofins Buffalo

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

9060A)

Client Sample ID: A1-GP15-S Lab Sample ID: 480-207715-4

Date Collected: 04/11/23 11:40 **Matrix: Water**

Date Received: 04/12/23 09:00

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|--------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 95 | | 80 - 120 | | | | · · | 04/12/23 17:56 | |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | 77 - 120 | | | | | 04/12/23 17:56 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 73 - 120 | | | | | 04/12/23 17:56 | 1 |
| Dibromofluoromethane (Surr) | 99 | | 75 - 123 | | | | | 04/12/23 17:56 | 1 |
| - General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL (| Jnit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 | 2.7 | | 1.0 | 0.43 r | ng/L | | | 04/13/23 23:11 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP14-S

Lab Sample ID: 480-207715-5 Date Collected: 04/11/23 14:10

Matrix: Water

Date Received: 04/12/23 09:00

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|--------------|---|----------|----------------|-------------------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 04/13/23 18:29 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/13/23 18:29 | |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 04/13/23 18:29 | • |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 04/13/23 18:29 | · · · · · · · · · |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 04/13/23 18:29 | |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 04/13/23 18:29 | |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 04/13/23 18:29 | |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/13/23 18:29 | |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| 2-Butanone (MEK) | | *+ | 10 | | ug/L | | | 04/13/23 18:29 | |
| 2-Hexanone | ND | | 5.0 | | ug/L | | | 04/13/23 18:29 | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | | ug/L | | | 04/13/23 18:29 | |
| Acetone | 15 | *+ | 10 | | ug/L | | | 04/13/23 18:29 | |
| Benzene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Bromodichloromethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | , |
| Bromoform | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Bromomethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Carbon disulfide | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | · · · · · · . |
| Carbon tetrachloride | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Chlorobenzene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Dibromochloromethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | , |
| Chloroethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Chloroform | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Chloromethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Cyclohexane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Ethylbenzene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Isopropylbenzene | ND | | 1.0 | 0.79 | | | | 04/13/23 18:29 | |
| Methyl acetate | ND | | 2.5 | | ug/L | | | 04/13/23 18:29 | |
| Methyl tert-butyl ether | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Methylcyclohexane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Methylene Chloride | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Styrene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | , |
| Tetrachloroethene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| Toluene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | |
| trans-1,3-Dichloropropene | ND | *+ | 1.0 | | ug/L ug/L | | | 04/13/23 18:29 | |
| Trichloroethene | ND | • | 1.0 | | ug/L ug/L | | | 04/13/23 18:29 | |
| Trichlorofluoromethane | ND | | 1.0 | | ug/L | | | 04/13/23 18:29 | , |
| Vinyl chloride | ND | | 1.0 | | ug/L ug/L | | | 04/13/23 18:29 | , |
| Xylenes, Total | ND | | 2.0 | | ug/L ug/L | | | 04/13/23 18:29 | , |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Total Organic Carbon (SW846

9060A)

Client Sample ID: A1-GP14-S Lab Sample ID: 480-207715-5

Date Collected: 04/11/23 14:10 **Matrix: Water**

Date Received: 04/12/23 09:00

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 95 | | 80 - 120 | | | | | 04/13/23 18:29 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 110 | | 77 - 120 | | | | | 04/13/23 18:29 | 1 |
| 4-Bromofluorobenzene (Surr) | 94 | | 73 - 120 | | | | | 04/13/23 18:29 | 1 |
| Dibromofluoromethane (Surr) | 99 | | 75 - 123 | | | | | 04/13/23 18:29 | 1 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 | 3.0 | | 1.0 | 0.43 | mg/L | | | 04/13/23 23:41 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TRIP BLANK

Date Collected: 04/11/23 00:00 Date Received: 04/12/23 09:00 Lab Sample ID: 480-207715-6

Matrix: Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 04/12/23 18:42 | 1 |
| I,1,2,2-Tetrachloroethane | ND | *+ | 1.0 | 0.21 | ug/L | | | 04/12/23 18:42 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 04/12/23 18:42 | 1 |
| ,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 04/12/23 18:42 | |
| ,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 04/12/23 18:42 | |
| ,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 04/12/23 18:42 | • |
| ,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 04/12/23 18:42 | |
| ,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 04/12/23 18:42 | |
| ,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 04/12/23 18:42 | |
| ,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 04/12/23 18:42 | |
| ,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 04/12/23 18:42 | |
| ,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 04/12/23 18:42 | • |
| .4-Dichlorobenzene | ND | | 1.0 | 0.84 | ua/l | | | 04/12/23 18:42 | |

| 1,1,1-Trichioroethane | ND | 1.0 | 0.82 ug/L | 04/12/23 18:42 |
|---------------------------------------|----------|-----|-----------|------------------|
| 1,1,2,2-Tetrachloroethane | ND *+ | 1.0 | 0.21 ug/L | 04/12/23 18:42 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 ug/L | 04/12/23 18:42 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 ug/L | 04/12/23 18:42 1 |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 ug/L | 04/12/23 18:42 1 |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 ug/L | 04/12/23 18:42 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 ug/L | 04/12/23 18:42 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 ug/L | 04/12/23 18:42 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 ug/L | 04/12/23 18:42 1 |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 ug/L | 04/12/23 18:42 1 |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 ug/L | 04/12/23 18:42 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 ug/L | 04/12/23 18:42 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 ug/L | 04/12/23 18:42 1 |
| 2-Butanone (MEK) | ND | 10 | 1.3 ug/L | 04/12/23 18:42 1 |
| 2-Hexanone | ND *+ | 5.0 | 1.2 ug/L | 04/12/23 18:42 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 ug/L | 04/12/23 18:42 1 |
| Acetone | ND | 10 | 3.0 ug/L | 04/12/23 18:42 1 |
| Benzene | ND | 1.0 | 0.41 ug/L | 04/12/23 18:42 1 |
| Bromodichloromethane | ND | 1.0 | 0.39 ug/L | 04/12/23 18:42 1 |
| Bromoform | ND *+ | 1.0 | 0.26 ug/L | 04/12/23 18:42 1 |
| Bromomethane | ND | 1.0 | 0.69 ug/L | 04/12/23 18:42 1 |
| Carbon disulfide | ND | 1.0 | 0.19 ug/L | 04/12/23 18:42 1 |
| Carbon tetrachloride | ND | 1.0 | 0.27 ug/L | 04/12/23 18:42 1 |
| Chlorobenzene | ND | 1.0 | 0.75 ug/L | 04/12/23 18:42 1 |
| Dibromochloromethane | ND | 1.0 | 0.32 ug/L | 04/12/23 18:42 1 |
| Chloroethane | ND | 1.0 | 0.32 ug/L | 04/12/23 18:42 1 |
| Chloroform | ND | 1.0 | 0.34 ug/L | 04/12/23 18:42 1 |
| Chloromethane | ND | 1.0 | 0.35 ug/L | 04/12/23 18:42 1 |
| cis-1,2-Dichloroethene | ND | 1.0 | 0.81 ug/L | 04/12/23 18:42 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | 0.36 ug/L | 04/12/23 18:42 1 |
| Cyclohexane | ND | 1.0 | 0.18 ug/L | 04/12/23 18:42 1 |
| Dichlorodifluoromethane | ND | 1.0 | 0.68 ug/L | 04/12/23 18:42 1 |
| Ethylbenzene | ND | 1.0 | 0.74 ug/L | 04/12/23 18:42 1 |
| 1,2-Dibromoethane | ND | 1.0 | 0.74 ug/L | 04/12/23 18:42 1 |
| Isopropylbenzene | ND | 1.0 | 0.79 ug/L | 04/12/23 18:42 1 |
| Methyl acetate | ND | 2.5 | 1.3 ug/L | 04/12/23 18:42 1 |
| Methyl tert-butyl ether | ND | 1.0 | 0.16 ug/L | 04/12/23 18:42 1 |
| Methylcyclohexane | ND | 1.0 | 0.16 ug/L | 04/12/23 18:42 1 |
| Methylene Chloride | ND | 1.0 | 0.44 ug/L | 04/12/23 18:42 1 |
| Styrene | ND | 1.0 | 0.73 ug/L | 04/12/23 18:42 1 |
| Tetrachloroethene | ND | 1.0 | 0.36 ug/L | 04/12/23 18:42 1 |
| Toluene | ND | 1.0 | 0.51 ug/L | 04/12/23 18:42 1 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.90 ug/L | 04/12/23 18:42 1 |
| trans-1,3-Dichloropropene | ND *+ | 1.0 | 0.37 ug/L | 04/12/23 18:42 1 |
| Trichloroethene | ND + | 1.0 | 0.46 ug/L | 04/12/23 18:42 |
| Trichlorofluoromethane | ND | 1.0 | 0.88 ug/L | 04/12/23 18:42 1 |
| Vinyl chloride | ND ND | 1.0 | 0.90 ug/L | 04/12/23 18:42 |
| | | | - | |
| Xylenes, Total | ND | 2.0 | 0.66 ug/L | 04/12/23 18:42 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 04/12/23 09:00

Client Sample ID: TRIP BLANK Lab Sample ID: 480-207715-6

Date Collected: 04/11/23 00:00

Matrix: Water

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzed | Dil Fac |
|------------------------------|---------------------|----------|-------------------|---------|
| Toluene-d8 (Surr) | 97 | 80 - 120 | 04/12/23 18:42 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 104 | 77 - 120 | 04/12/23 18:42 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | 73 - 120 | 04/12/23 18:42 | 1 |
| Dibromofluoromethane (Surr) | 100 | 75 - 123 | 04/12/23 18:42 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-44S

Date Received: 04/12/23 09:00

Date Collected: 04/11/23 14:00

Lab Sample ID: 480-207715-7

Matrix: Water

| | | - 4 |
|---|--|-------|
| _ | | _ |

| Analyte | Result Qualifier | RL _ | | Unit | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|------|------|------|---|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | • |
| 1,1,2,2-Tetrachloroethane | ND *+ | 1.0 | 0.21 | ug/L | | | 04/12/23 19:05 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/12/23 19:05 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/12/23 19:05 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/12/23 19:05 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/12/23 19:05 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/12/23 19:05 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/12/23 19:05 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/12/23 19:05 | |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/12/23 19:05 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/12/23 19:05 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 04/12/23 19:05 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 04/12/23 19:05 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 04/12/23 19:05 | |
| 2-Hexanone | ND *+ | 5.0 | | ug/L | | | 04/12/23 19:05 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 | ug/L | | | 04/12/23 19:05 | |
| Acetone | ND | 10 | | ug/L | | | 04/12/23 19:05 | |
| Benzene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Bromoform | ND *+ | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Chloroform | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/12/23 19:05 | |
| Methyl tert-butyl ether | ND | 1.0 | | | | | 04/12/23 19:05 | |
| | | | | ug/L | | | | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Styrene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Toluene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| trans-1,3-Dichloropropene | ND *+ | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Trichloroethene | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Vinyl chloride | ND | 1.0 | | ug/L | | | 04/12/23 19:05 | |
| Xylenes, Total | ND | 2.0 | 0.66 | ug/L | | | 04/12/23 19:05 | |
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Eurofins Buffalo

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

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Client Sample ID: MW-44S Lab Sample ID: 480-207715-7

Date Collected: 04/11/23 14:00 Matrix: Water Date Received: 04/12/23 09:00

| Surrogate | %Recovery Qualifier | Limits | | Prepared | Analvzed | Dil Fac |
|------------------------------|---------------------|----------|-----------|-------------|----------------|---------|
| Toluene-d8 (Surr) | 96 | 80 - 120 | | | 04/12/23 19:05 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 102 | 77 - 120 | | | 04/12/23 19:05 | 1 |
| 4-Bromofluorobenzene (Surr) | 94 | 73 - 120 | | | 04/12/23 19:05 | 1 |
| Dibromofluoromethane (Surr) | 100 | 75 - 123 | | | 04/12/23 19:05 | 1 |
| - General Chemistry | | | | | | |
| Analyte | Result Qualifier | RL | MDL Unit | D Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 | 14 | 10 | 0.43 mg/l | | 04/14/23 00:10 | |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: RINSE BLANK

Date Collected: 04/11/23 16:00 Date Received: 04/12/23 09:00 Lab Sample ID: 480-207715-8

Matrix: Water

| Analyte | Result Qualifier | RL | | Unit | <u>D</u> . | Prepared | Analyzed | Dil Fac |
|---------------------------------------|------------------|-----|------|------|------------|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND *+ | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/12/23 19:28 | 1 |
| 1,1-Dichloroethene | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/12/23 19:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/12/23 19:28 | 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 04/12/23 19:28 | 1 |
| 2-Hexanone | ND *+ | 5.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 | ug/L | | | 04/12/23 19:28 | 1 |
| Acetone | ND | 10 | | ug/L | | | 04/12/23 19:28 | 1 |
| Benzene | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Bromoform | ND *+ | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Chlorobenzene | ND | 1.0 | 0.75 | ug/L | | | 04/12/23 19:28 | 1 |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Chloroform | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Chloromethane | ND | 1.0 | 0.35 | ug/L | | | 04/12/23 19:28 | 1 |
| cis-1,2-Dichloroethene | ND | 1.0 | 0.81 | ug/L | | | 04/12/23 19:28 | 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Dichlorodifluoromethane | ND | 1.0 | 0.68 | ug/L | | | 04/12/23 19:28 | 1 |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/12/23 19:28 | 1 |
| Isopropylbenzene | ND | 1.0 | 0.79 | ug/L | | | 04/12/23 19:28 | 1 |
| Methyl acetate | ND | 2.5 | 1.3 | ug/L | | | 04/12/23 19:28 | 1 |
| Methyl tert-butyl ether | ND | 1.0 | 0.16 | ug/L | | | 04/12/23 19:28 | 1 |
| Methylcyclohexane | ND | 1.0 | 0.16 | ug/L | | | 04/12/23 19:28 | 1 |
| Methylene Chloride | ND | 1.0 | 0.44 | ug/L | | | 04/12/23 19:28 | 1 |
| Styrene | ND | 1.0 | 0.73 | ug/L | | | 04/12/23 19:28 | 1 |
| Tetrachloroethene | ND | 1.0 | 0.36 | ug/L | | | 04/12/23 19:28 | 1 |
| Toluene | ND | 1.0 | 0.51 | ug/L | | | 04/12/23 19:28 | 1 |
| trans-1,2-Dichloroethene | ND | 1.0 | 0.90 | ug/L | | | 04/12/23 19:28 | 1 |
| trans-1,3-Dichloropropene | ND *+ | 1.0 | 0.37 | ug/L | | | 04/12/23 19:28 | 1 |
| Trichloroethene | ND | 1.0 | 0.46 | ug/L | | | 04/12/23 19:28 | 1 |
| Trichlorofluoromethane | ND | 1.0 | 0.88 | ug/L | | | 04/12/23 19:28 | 1 |
| Vinyl chloride | ND | 1.0 | 0.90 | ug/L | | | 04/12/23 19:28 | 1 |
| Xylenes, Total | ND | 2.0 | 0.66 | ug/L | | | 04/12/23 19:28 | 1 |

Eurofins Buffalo

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: RINSE BLANK Lab Sample ID: 480-207715-8

Date Collected: 04/11/23 16:00
Date Received: 04/12/23 09:00

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|---|------|---|-------|-----|-----|----|
| | | M | atrix | : ' | Wat | er |

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 96 | 80 - 120 | | 04/12/23 19:28 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 101 | 77 - 120 | | 04/12/23 19:28 | 1 |
| 4-Bromofluorobenzene (Surr) | 95 | 73 - 120 | | 04/12/23 19:28 | 1 |
| Dibromofluoromethane (Surr) | 96 | 75 - 123 | | 04/12/23 19:28 | 1 |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: AL-GP09-S Date Collected: 04/12/23 09:30

Date Received: 04/13/23 16:20

Lab Sample ID: 480-207805-1

Matrix: Water

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| Kesuit | Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|--------|--|--|---|---|----|----------|----------------|--------|
| ND | | 2.0 | 1.6 | ug/L | | | 04/16/23 18:10 | |
| ND | | 2.0 | 0.42 | ug/L | | | 04/16/23 18:10 | : |
| ND | | 2.0 | 0.46 | ug/L | | | 04/16/23 18:10 | : |
| ND | | 2.0 | 0.62 | ug/L | | | 04/16/23 18:10 | |
| ND | | 2.0 | 0.76 | ug/L | | | 04/16/23 18:10 | : |
| ND | | 2.0 | 0.58 | ug/L | | | 04/16/23 18:10 | : |
| ND | | 2.0 | 0.82 | ug/L | | | 04/16/23 18:10 | |
| ND | | 2.0 | 0.78 | ug/L | | | 04/16/23 18:10 | : |
| ND | | 2.0 | 1.6 | ug/L | | | 04/16/23 18:10 | : |
| ND | | 2.0 | 0.42 | ug/L | | | 04/16/23 18:10 | |
| ND | | 2.0 | 1.4 | ug/L | | | 04/16/23 18:10 | : |
| ND | | 2.0 | | _ | | | 04/16/23 18:10 | : |
| ND | | 2.0 | | | | | 04/16/23 18:10 | : |
| ND | | 20 | | • | | | 04/16/23 18:10 | : |
| ND | | 10 | | - | | | 04/16/23 18:10 | |
| ND | | 10 | | | | | 04/16/23 18:10 | : |
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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 04/13/23 16:20

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Client Sample ID: AL-GP09-S Lab Sample ID: 480-207805-1

Date Collected: 04/12/23 09:30

Matrix: Water

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analvzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 97 | Quanner | 80 - 120 | | | | rrepared | 04/16/23 18:10 | 2011 40 |
| 1.2-Dichloroethane-d4 (Surr) | 96 | | 77 - 120 | | | | | 04/16/23 18:10 | 2 |
| 4-Bromofluorobenzene (Surr) | 96 | | 73 - 120 | | | | | 04/16/23 18:10 | 2 |
| Dibromofluoromethane (Surr) | 95 | | 75 - 123 | | | | | 04/16/23 18:10 | 2 |
| _ General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 | 16.8 | | 1.0 | 0.43 | mg/L | | | 04/16/23 03:50 | |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-37D

Date Received: 04/13/23 16:20

Lab Sample ID: 480-207805-2 Date Collected: 04/12/23 12:30

Matrix: Water

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|------------------|-----|------|--------------|---|----------|-----------------|---------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 04/15/23 14:57 | 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 04/15/23 14:57 | 1 |
| 2-Butanone (MEK) | ND | 10 | 1.3 | ug/L | | | 04/15/23 14:57 | 1 |
| 2-Hexanone | ND | 5.0 | 1.2 | ug/L | | | 04/15/23 14:57 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Acetone | ND | 10 | | ug/L | | | 04/15/23 14:57 | 1 |
| Benzene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Bromoform | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Chloroform | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Dichlorodifluoromethane | ND *+ | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/15/23 14:57 | 1 |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Styrene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Toluene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Trichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/15/23 14:57 | 1 |
| Vinyl chloride | ND ND | 1.0 | | ug/L ug/L | | | 04/15/23 14:57 | 1 |
| VILLYL OFFICE ICC | ואט | 1.0 | 0.50 | 44/L | | | UT/ 1U/2U 14.U/ | I |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-37D Lab Sample ID: 480-207805-2

Matrix: Water

Date Collected: 04/12/23 12:30 Date Received: 04/13/23 16:20

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzo | ed Dil Fac |
|------------------------------|---------------------|----------|------------------|------------|
| Toluene-d8 (Surr) | 99 | 80 - 120 | 04/15/23 1 | 4:57 1 |
| 1,2-Dichloroethane-d4 (Surr) | 117 | 77 - 120 | 04/15/23 1 | 4:57 1 |
| 4-Bromofluorobenzene (Surr) | 107 | 73 - 120 | 04/15/23 1 | 4:57 1 |
| Dibromofluoromethane (Surr) | 113 | 75 - 123 | 04/15/23 1 | 4:57 1 |

| General Chemistry | | | | | | | |
|-----------------------------|------------------|-----|-----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 | 2.8 | 1.0 | 0.43 mg/L | | | 04/16/23 04:47 | 1 |
| 9060A) | | | | | | | |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: TRIP BLANK-041223

Date Collected: 04/12/23 00:00 Date Received: 04/13/23 16:20 Lab Sample ID: 480-207805-3

Matrix: Water

| Analyte | Result Qualifier | RL | MDL | | <u>D</u> . | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|-----|------|------|------------|----------|----------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/15/23 15:21 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/15/23 15:21 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/15/23 15:21 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/15/23 15:21 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/15/23 15:21 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/15/23 15:21 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/15/23 15:21 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/15/23 15:21 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/15/23 15:21 | |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/15/23 15:21 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/15/23 15:21 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 04/15/23 15:21 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 04/15/23 15:21 | |
| 2-Butanone (MEK) | ND | 10 | 1.3 | ug/L | | | 04/15/23 15:21 | |
| 2-Hexanone | ND | 5.0 | 1.2 | ug/L | | | 04/15/23 15:21 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | 2.1 | ug/L | | | 04/15/23 15:21 | |
| Acetone | ND | 10 | 3.0 | ug/L | | | 04/15/23 15:21 | |
| Benzene | ND | 1.0 | 0.41 | ug/L | | | 04/15/23 15:21 | |
| Bromodichloromethane | ND | 1.0 | 0.39 | ug/L | | | 04/15/23 15:21 | |
| Bromoform | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Bromomethane | ND | 1.0 | 0.69 | ug/L | | | 04/15/23 15:21 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Chloroethane | ND | 1.0 | 0.32 | ug/L | | | 04/15/23 15:21 | |
| Chloroform | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Chloromethane | ND | 1.0 | 0.35 | ug/L | | | 04/15/23 15:21 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Dichlorodifluoromethane | ND *+ | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Isopropylbenzene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/15/23 15:21 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Methylcyclohexane | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Styrene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Toluene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Trichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Vinyl chloride | ND | 1.0 | | ug/L | | | 04/15/23 15:21 | |
| Xylenes, Total | ND | 2.0 | | ug/L | | | 04/15/23 15:21 | |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Date Received: 04/13/23 16:20

Client Sample ID: TRIP BLANK-041223 Lab Sample ID: 480-207805-3

Date Collected: 04/12/23 00:00

Matrix: Water

| 0 | 0/ Bassassas - O | l insite | Post of the second | | D:// E |
|------------------------------|---------------------|----------|--------------------|----------------|---------|
| Surrogate | %Recovery Qualifier | Limits | Prepa | ared Analyzed | Dil Fac |
| Toluene-d8 (Surr) | 101 | 80 - 120 | | 04/15/23 15:21 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 117 | 77 - 120 | | 04/15/23 15:21 | 1 |
| 4-Bromofluorobenzene (Surr) | 104 | 73 - 120 | | 04/15/23 15:21 | 1 |
| Dibromofluoromethane (Surr) | 111 | 75 - 123 | | 04/15/23 15:21 | 1 |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-30

Lab Sample ID: 480-207805-4

Date Collected: 04/12/23 14:10 **Matrix: Water** Date Received: 04/13/23 16:20

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---|------------------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/15/23 15:46 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/15/23 15:46 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/15/23 15:46 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/15/23 15:46 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/15/23 15:46 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/15/23 15:46 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/15/23 15:46 | |
| 1,2-Dichloroethane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 04/15/23 15:46 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 04/15/23 15:46 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 04/15/23 15:46 | |
| Acetone | ND | 10 | | ug/L | | | 04/15/23 15:46 | |
| Benzene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Bromoform | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Chloroform | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L ug/L | | | 04/15/23 15:46 | |
| cis-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Dichlorodifluoromethane | ND *+ | 1.0 | | ug/L ug/L | | | 04/15/23 15:46 | |
| Ethylbenzene | ND 1 | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| 1,2-Dibromoethane | ND ND | 1.0 | | ug/L ug/L | | | 04/15/23 15:46 | |
| Isopropylbenzene | ND | 1.0 | | ug/L ug/L | | | 04/15/23 15:46 | |
| | | | | | | | | |
| Methyl acetate Methyl tert-butyl ether | ND ND | 2.5 | | ug/L ug/L | | | 04/15/23 15:46 | |
| | | | | ug/L ug/L | | | 04/15/23 15:46 | |
| Methylogo Chlorida | ND | 1.0 | | - | | | 04/15/23 15:46 | |
| Methylene Chloride | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Styrene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Tetrachloroethene | ND ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Toluene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| trans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Trichlandinannah | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/15/23 15:46 | |
| Vinyl chloride Xylenes, Total | ND ND | 1.0 2.0 | | ug/L ug/L | | | 04/15/23 15:46 04/15/23 15:46 | |

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5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-30 Lab Sample ID: 480-207805-4

Date Collected: 04/12/23 14:10 Matrix: Water Date Received: 04/13/23 16:20

| Surrogate | %Recovery Qua | alifier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------|----------------|----------|----------------|---------|
| Toluene-d8 (Surr) | 98 | 80 - 120 | | 04/15/23 15:46 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 114 | 77 - 120 | | 04/15/23 15:46 | 1 |
| 4-Bromofluorobenzene (Surr) | 98 | 73 - 120 | | 04/15/23 15:46 | 1 |
| Dibromofluoromethane (Surr) | 109 | 75 - 123 | | 04/15/23 15:46 | 1 |

| General Chemistry Analyte | Result Qı | ualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 9060A) | 2.7 | | 1.0 | 0.43 | mg/L | | | 04/17/23 17:39 | 1 |

5/4/2023

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-43S

Date Received: 04/13/23 16:20

Dibromochloromethane

cis-1,2-Dichloroethene

cis-1,3-Dichloropropene

Dichlorodifluoromethane

Chloroethane

Chloromethane

Cyclohexane

Ethylbenzene

1,2-Dibromoethane

Isopropylbenzene

Methyl tert-butyl ether

Methylcyclohexane

Methylene Chloride

Tetrachloroethene

Trichloroethene

Vinyl chloride

Xylenes, Total

trans-1,2-Dichloroethene

trans-1,3-Dichloropropene

Trichlorofluoromethane

Methyl acetate

Styrene

Toluene

Chloroform

Date Collected: 04/12/23 15:00

Lab Sample ID: 480-207805-5

Matrix: Water

| Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|------------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | 2.0 | 1.6 | ug/L | | | 04/15/23 16:10 | |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.42 | ug/L | | | 04/15/23 16:10 | 2 |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.46 | ug/L | | | 04/15/23 16:10 | 2 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 2.0 | 0.62 | ug/L | | | 04/15/23 16:10 | 2 |
| 1,1-Dichloroethane | ND | 2.0 | 0.76 | ug/L | | | 04/15/23 16:10 | 2 |
| 1,1-Dichloroethene | ND | 2.0 | 0.58 | ug/L | | | 04/15/23 16:10 | 2 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | 0.82 | ug/L | | | 04/15/23 16:10 | 2 |
| 1,2-Dibromo-3-Chloropropane | ND | 2.0 | 0.78 | ug/L | | | 04/15/23 16:10 | : |
| 1,2-Dichlorobenzene | ND | 2.0 | 1.6 | ug/L | | | 04/15/23 16:10 | |
| 1,2-Dichloroethane | ND | 2.0 | 0.42 | ug/L | | | 04/15/23 16:10 | : |
| 1,2-Dichloropropane | ND | 2.0 | 1.4 | ug/L | | | 04/15/23 16:10 | : |
| 1,3-Dichlorobenzene | ND | 2.0 | 1.6 | ug/L | | | 04/15/23 16:10 | : |
| 1,4-Dichlorobenzene | ND | 2.0 | 1.7 | ug/L | | | 04/15/23 16:10 | |
| 2-Butanone (MEK) | ND | 20 | 2.6 | ug/L | | | 04/15/23 16:10 | |
| 2-Hexanone | ND | 10 | 2.5 | ug/L | | | 04/15/23 16:10 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 4.2 | ug/L | | | 04/15/23 16:10 | : |
| Acetone | ND | 20 | 6.0 | ug/L | | | 04/15/23 16:10 | : |
| Benzene | ND | 2.0 | 0.82 | ug/L | | | 04/15/23 16:10 | 2 |
| Bromodichloromethane | ND | 2.0 | 0.78 | ug/L | | | 04/15/23 16:10 | : |
| Bromoform | ND | 2.0 | 0.52 | ug/L | | | 04/15/23 16:10 | : |
| Bromomethane | ND | 2.0 | 1.4 | ug/L | | | 04/15/23 16:10 | : |
| Carbon disulfide | ND | 2.0 | 0.38 | ug/L | | | 04/15/23 16:10 | : |
| Carbon tetrachloride | ND | 2.0 | 0.54 | ug/L | | | 04/15/23 16:10 | 2 |
| Chlorobenzene | ND | 2.0 | 1.5 | ug/L | | | 04/15/23 16:10 | |

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0.64 ug/L

0.68 ug/L

0.70 ug/L

1.6 ug/L

0.72 ug/L

0.36 ug/L

1.4 ug/L

1.5 ug/L

1.5 ug/L

2.6 ug/L

0.32 ug/L

0.32 ug/L

0.88 ug/L

1.5 ug/L

0.72 ug/L

1.0 ug/L

1.8 ug/L

0.74 ug/L

0.92 ug/L

1.8 ug/L

1.8 ug/L

1.3 ug/L

1.6 ug/L

ND

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-43S Lab Sample ID: 480-207805-5

Matrix: Water

Date Collected: 04/12/23 15:00 Date Received: 04/13/23 16:20

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| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Toluene-d8 (Surr) | 97 | | 80 - 120 | | | | | 04/15/23 16:10 | 2 |
| 1,2-Dichloroethane-d4 (Surr) | 116 | | 77 - 120 | | | | | 04/15/23 16:10 | 2 |
| 4-Bromofluorobenzene (Surr) | 97 | | 73 - 120 | | | | | 04/15/23 16:10 | 2 |
| Dibromofluoromethane (Surr) | 114 | | 75 - 123 | | | | | 04/15/23 16:10 | 2 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total Organic Carbon (SW846 | 7.4 | | 1.0 | 0.43 | mg/L | | | 04/17/23 18:36 | 1 |

4.6

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36S

Lab Sample ID: 480-207805-6 Date Collected: 04/12/23 10:20

Matrix: Water Date Received: 04/13/23 16:20

| Analyte | Result Qualifier | RL | MDL | | D | Prepared | Analyzed | Dil Fa |
|---------------------------------------|------------------|------------|------|--------------|---|----------|----------------------------------|--------|
| 1,1,1-Trichloroethane | ND | 1.0 | 0.82 | ug/L | | | 04/15/23 16:34 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/15/23 16:34 | |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.23 | ug/L | | | 04/15/23 16:34 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 1.0 | 0.31 | ug/L | | | 04/15/23 16:34 | |
| 1,1-Dichloroethane | ND | 1.0 | 0.38 | ug/L | | | 04/15/23 16:34 | |
| 1,1-Dichloroethene | ND | 1.0 | 0.29 | ug/L | | | 04/15/23 16:34 | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.41 | ug/L | | | 04/15/23 16:34 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1.0 | 0.39 | ug/L | | | 04/15/23 16:34 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.79 | ug/L | | | 04/15/23 16:34 | |
| 1,2-Dichloroethane | ND | 1.0 | 0.21 | ug/L | | | 04/15/23 16:34 | |
| 1,2-Dichloropropane | ND | 1.0 | 0.72 | ug/L | | | 04/15/23 16:34 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.78 | ug/L | | | 04/15/23 16:34 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.84 | ug/L | | | 04/15/23 16:34 | |
| 2-Butanone (MEK) | ND | 10 | | ug/L | | | 04/15/23 16:34 | |
| 2-Hexanone | ND | 5.0 | | ug/L | | | 04/15/23 16:34 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.0 | | ug/L | | | 04/15/23 16:34 | |
| Acetone | ND | 10 | | ug/L | | | 04/15/23 16:34 | |
| Benzene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Bromodichloromethane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| 3romoform | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Bromomethane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Carbon disulfide | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Chlorobenzene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Dibromochloromethane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Chloroethane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Chloroform | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Chloromethane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| cis-1,2-Dichloroethene | 1.5 | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| cis-1,2-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Cyclohexane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Dichlorodifluoromethane | ND *+ | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Ethylbenzene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| sopropylbenzene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Methyl acetate | ND | 2.5 | | ug/L | | | 04/15/23 16:34 | |
| Methyl tert-butyl ether | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Methylcyclohexane | ND | | | | | | | |
| | ND ND | 1.0 1.0 | | ug/L | | | 04/15/23 16:34 04/15/23 16:34 | |
| Methylene Chloride | ND ND | | | ug/L ug/L | | | 04/15/23 16:34 | |
| Styrene | | 1.0 | | | | | | |
| Tetrachloroethene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Foliuene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| rans-1,2-Dichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| rans-1,3-Dichloropropene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Trichloroethene | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | | | 04/15/23 16:34 | |
| Vinyl chloride | ND | 1.0 | 0.90 | ug/L | | | 04/15/23 16:34 | |

Eurofins Buffalo

5/4/2023

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36S Lab Sample ID: 480-207805-6 Date Collected: 04/12/23 10:20

Matrix: Water

Date Received: 04/13/23 16:20

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyzed | Dil Fac |
|------------------------------|---------------------|----------|-------------------|----------------|
| Toluene-d8 (Surr) | 101 | 80 - 120 | 04/15/23 16:3 | 4 1 |
| 1,2-Dichloroethane-d4 (Surr) | 116 | 77 - 120 | 04/15/23 16:3 | 4 1 |
| 4-Bromofluorobenzene (Surr) | 102 | 73 - 120 | 04/15/23 16:3 | 4 1 |
| Dibromofluoromethane (Surr) | 115 | 75 - 123 | 04/15/23 16:3 | 4 1 |

| General Chemistry Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 7.0 | | 1.0 | 0.43 | mg/L | | | 04/17/23 19:33 | 1 |
| 9060A) | | | | | | | | | |

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36D

Lab Sample ID: 480-207805-7 Date Collected: 04/12/23 11:25

Matrix: Water

Date Received: 04/13/23 16:20

| Analyte | Result Qual | ifier RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-------------|----------|------|--------------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | ND | 4.0 | 3.3 | ug/L | | - | 04/15/23 16:58 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.0 | 0.84 | ug/L | | | 04/15/23 16:58 | 4 |
| 1,1,2-Trichloroethane | ND | 4.0 | 0.92 | - | | | 04/15/23 16:58 | 4 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | 4.0 | 1.2 | ug/L | | | 04/15/23 16:58 | |
| 1,1-Dichloroethane | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | 4 |
| 1,1-Dichloroethene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| 1,2,4-Trichlorobenzene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| 1,2-Dibromo-3-Chloropropane | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| 1.2-Dichlorobenzene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| 1,2-Dichloroethane | ND | 4.0 | 0.84 | | | | 04/15/23 16:58 | |
| 1,2-Dichloropropane | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| 1,3-Dichlorobenzene | ND | 4.0 | 3.1 | ug/L | | | 04/15/23 16:58 | |
| 1,4-Dichlorobenzene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| 2-Butanone (MEK) | ND | 40 | | ug/L | | | 04/15/23 16:58 | |
| 2-Hexanone | ND | 20 | | ug/L | | | 04/15/23 16:58 | |
| 4-Methyl-2-pentanone (MIBK) | ND | 20 | | ug/L | | | 04/15/23 16:58 | |
| Acetone | ND | 40 | | ug/L | | | 04/15/23 16:58 | |
| Benzene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Bromodichloromethane | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Bromoform | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Bromomethane | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Carbon disulfide | ND | 4.0 | 0.76 | | | | 04/15/23 16:58 | |
| Carbon disdilide Carbon tetrachloride | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | · |
| Chlorobenzene | ND | 4.0 | | ug/L ug/L | | | 04/15/23 16:58 | |
| Dibromochloromethane | ND | 4.0 | | ug/L ug/L | | | 04/15/23 16:58 | |
| Chloroethane | ND ND | 4.0 | | - | | | 04/15/23 16:58 | |
| Chloroform | ND ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Chloromethane | ND ND | | | ug/L | | | | ' |
| | ND ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| cis-1,2-Dichloroethene | ND ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| cis-1,3-Dichloropropene | | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Cyclohexane Dichlorodifluoromethane | ND *: | 4.0 | 0.72 | - | | | 04/15/23 16:58 | • |
| | ND *+ | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Ethylbenzene | ND ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| 1,2-Dibromoethane | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Isopropylbenzene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Methyl acetate | ND | 10 | | ug/L | | | 04/15/23 16:58 | |
| Methyl tert-butyl ether | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | • |
| Methylcyclohexane | ND | 4.0 | 0.64 | - | | | 04/15/23 16:58 | • |
| Methylene Chloride | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Styrene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | • |
| Tetrachloroethene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | • |
| Toluene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| trans-1,2-Dichloroethene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | • |
| trans-1,3-Dichloropropene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | • |
| Trichloroethene | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | |
| Trichlorofluoromethane | ND | 4.0 | | ug/L | | | 04/15/23 16:58 | • |
| Vinyl chloride | ND | 4.0 | 3.6 | ug/L | | | 04/15/23 16:58 | |
| Xylenes, Total | ND | 8.0 | 2.6 | ug/L | | | 04/15/23 16:58 | |

Eurofins Buffalo

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-36D Lab Sample ID: 480-207805-7

. Matrix: Water

Date Collected: 04/12/23 11:25 Date Received: 04/13/23 16:20

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr) | 104 | 80 - 120 | | 04/15/23 16:58 | 4 |
| 1,2-Dichloroethane-d4 (Surr) | 119 | 77 - 120 | | 04/15/23 16:58 | 4 |
| 4-Bromofluorobenzene (Surr) | 108 | 73 - 120 | | 04/15/23 16:58 | 4 |
| Dibromofluoromethane (Surr) | 112 | 75 - 123 | | 04/15/23 16:58 | 4 |

| General Chemistry Analyte | Result Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|-----|------|------|---|----------|----------------|---------|
| Total Organic Carbon (SW846 | 9.4 | 1.0 | 0.43 | mg/L | | | 04/17/23 20:59 | 1 |
| 9060A) | | | | | | | | |

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Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-40D Lab Sample ID: 480-207805-8

Date Collected: 04/12/23 12:50 Matrix: Water

Date Received: 04/13/23 16:20

Method: RSK-175 - Dissolved Gases (GC)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

 Carbon dioxide
 16000
 10000
 5000 ug/L
 04/18/23 12:14
 1

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-42S Lab Sample ID: 480-207805-9

Date Collected: 04/12/23 13:00 **Matrix: Water**

Date Received: 04/13/23 16:20

Method: RSK-175 - Dissolved Gases (GC)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 04/18/23 12:23 Carbon dioxide 10000

53000 5000 ug/L

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: AL-GP10-S Lab Sample ID: 480-207805-10

Date Collected: 04/12/23 12:55

Matrix: Water

Date Received: 04/13/23 16:20

Method: RSK-175 - Dissolved Gases (GC)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

 Carbon dioxide
 87000
 10000
 5000 ug/L
 04/18/23 12:31
 1

Eurofins Buffalo

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: CB-1

Date Collected: 04/06/23 15:25 Date Received: 04/07/23 13:45 Lab Sample ID: 480-207637-1

Matrix: Water

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 664564 | ATG | EET BUF | 04/11/23 01:12 |

Client Sample ID: CB-2 Lab Sample ID: 480-207637-2

Date Collected: 04/06/23 15:40 Date Received: 04/07/23 13:45

Batch Batch Dilution Batch F

Prep TypeTypeMethodRunFactorNumberAnalystLabor AnalyzedTotal/NAAnalysis8260C1664564ATGEET BUF04/11/23 01:35

Client Sample ID: CB-3 Lab Sample ID: 480-207637-3

Date Collected: 04/06/23 15:50 Matrix: Water Date Received: 04/07/23 13:45

Batch Batch Dilution Batch Prepared

 Prep Type
 Type
 Method
 Run
 Factor
 Number
 Analyst
 Lab
 or Analyzed

 Total/NA
 Analysis
 8260C
 1
 664564
 ATG
 EET BUF
 04/11/23 01:58

Client Sample ID: CB-4 Lab Sample ID: 480-207637-4

Date Collected: 04/06/23 16:25 Matrix: Water

Date Received: 04/07/23 13:45

Batch Batch Dilution Batch Prepared **Prep Type** Method Run Factor **Number Analyst** or Analyzed Type Lab Total/NA Analysis 8260C 664564 ATG EET BUF 04/11/23 02:21

Client Sample ID: CB-E Lab Sample ID: 480-207637-5

Date Collected: 04/06/23 16:40 Matrix: Water

Date Received: 04/07/23 13:45

Batch Batch Dilution Batch Prepared Method Run Factor Number Analyst or Analyzed **Prep Type** Type Lab 04/11/23 02:45 Total/NA Analysis 8260C 664564 ATG **EET BUF**

Client Sample ID: TP-5 Lab Sample ID: 480-207637-6

Date Collected: 04/06/23 15:15 Matrix: Water

Date Received: 04/07/23 13:45

Batch Dilution Batch Batch Prepared **Prep Type** Type Method Run **Factor Number Analyst** or Analyzed Lab EET BUF 04/11/23 03:08 Total/NA Analysis 8260C 664564 ATG

Client Sample ID: TP-6 Lab Sample ID: 480-207637-7

Date Collected: 04/06/23 15:00 Matrix: Water

Date Received: 04/07/23 13:45

Batch Batch Dilution Batch **Prepared** Method or Analyzed **Prep Type** Type Run **Factor Number Analyst** Lab 04/11/23 03:31 664564 ATG EET BUF Total/NA Analysis 8260C

Lab Chronicle

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: DUP

Date Collected: 04/07/23 08:00 Date Received: 04/07/23 13:45 Lab Sample ID: 480-207637-8

Matrix: Water

Batch Batch Dilution Batch Prepared **Prep Type** Туре Method Run Factor Number Analyst or Analyzed Lab 04/11/23 03:55 Total/NA Analysis 8260C 664564 ATG EET BUF

Client Sample ID: MW-35D Lab Sample ID: 480-207637-9

Matrix: Water

Date Collected: 04/07/23 09:30

Date Received: 04/07/23 13:45

| Γ | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|------------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 664564 | ATG | EET BUF | 04/11/23 04:18 |
| Total/NA | Analysis | RSK-175 | | 1 | 190336 | RMG | EET BUR | 04/13/23 11:09 |
| Total/NA | Analysis | RSK-175 | | 1 | 664449 | MAN | EET BUF | 04/10/23 09:08 |
| Total/NA | Analysis | RSK-175 | DL | 22 | 664449 | MAN | EET BUF | 04/10/23 10:24 |
| Total/NA | Analysis | 300.0 | | 2 | 664951 | RJS | EET BUF | 04/12/23 18:23 |
| Total/NA | Analysis | 310.2 | | 5 | 665684 | CG | EET BUF | 04/17/23 17:43 |
| Total/NA | Analysis | 353.2 | | 1 | 664615 | IMZ | EET BUF | 04/07/23 16:42 |
| Total/NA | Analysis | 353.2 | | 1 | 664403 | IMZ | EET BUF | 04/07/23 18:48 |
| Total/NA | Analysis | 9060A | | 1 | 665135 | KER | EET BUF | 04/13/23 06:43 |
| Dissolved | Filtration | Filtration | | | 664610 | DLG | EET BUF | 04/10/23 15:00 |
| Dissolved | Analysis | SM 3500 FE D | | 1 | 664612 | DLG | EET BUF | 04/10/23 15:10 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 664578 | EV | EET BUF | 04/10/23 13:00 |

Lab Sample ID: 480-207637-10 **Client Sample ID: MW-38D**

Date Collected: 04/07/23 10:50 **Matrix: Water**

Date Received: 04/07/23 13:45

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|------------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | | 664702 | ATG | EET BUF | 04/11/23 20:35 |
| Total/NA | Analysis | RSK-175 | | 1 | 190336 | RMG | EET BUR | 04/13/23 11:18 |
| Total/NA | Analysis | RSK-175 | | 22 | 664449 | MAN | EET BUF | 04/10/23 09:27 |
| Total/NA | Analysis | RSK-175 | DL | 220 | 664449 | MAN | EET BUF | 04/10/23 10:43 |
| Total/NA | Analysis | 300.0 | | 2 | 664951 | RJS | EET BUF | 04/12/23 19:57 |
| Total/NA | Analysis | 310.2 | | 5 | 665684 | CG | EET BUF | 04/17/23 17:41 |
| Total/NA | Analysis | 353.2 | | 1 | 664615 | IMZ | EET BUF | 04/07/23 16:46 |
| Total/NA | Analysis | 353.2 | | 1 | 664403 | IMZ | EET BUF | 04/07/23 18:52 |
| Total/NA | Analysis | 9060A | | 1 | 665135 | KER | EET BUF | 04/13/23 07:12 |
| Dissolved | Filtration | Filtration | | | 664610 | DLG | EET BUF | 04/10/23 15:00 |
| Dissolved | Analysis | SM 3500 FE D | | 1 | 664612 | DLG | EET BUF | 04/10/23 15:10 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 664578 | EV | EET BUF | 04/10/23 13:00 |

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

Client Sample ID: A1-GP06-S

Date Collected: 04/07/23 11:15 Date Received: 04/07/23 13:45 Lab Sample ID: 480-207637-11

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|------------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 25 | 664564 | ATG | EET BUF | 04/11/23 05:05 |
| Total/NA | Analysis | RSK-175 | | 1 | 190336 | RMG | EET BUR | 04/13/23 11:26 |
| Total/NA | Analysis | RSK-175 | | 22 | 664449 | MAN | EET BUF | 04/10/23 09:46 |
| Total/NA | Analysis | RSK-175 | DL | 222 | 664449 | MAN | EET BUF | 04/10/23 11:02 |
| Total/NA | Analysis | 300.0 | | 2 | 664951 | RJS | EET BUF | 04/12/23 20:16 |
| Total/NA | Analysis | 310.2 | | 5 | 665684 | CG | EET BUF | 04/17/23 17:41 |
| Total/NA | Analysis | 353.2 | | 1 | 664615 | IMZ | EET BUF | 04/07/23 16:49 |
| Total/NA | Analysis | 353.2 | | 1 | 664618 | IMZ | EET BUF | 04/07/23 16:49 |
| Total/NA | Analysis | 9060A | | 1 | 665659 | KER | EET BUF | 04/15/23 04:21 |
| Dissolved | Filtration | Filtration | | | 664610 | DLG | EET BUF | 04/10/23 15:00 |
| Dissolved | Analysis | SM 3500 FE D | | 1 | 664612 | DLG | EET BUF | 04/10/23 15:10 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 664578 | EV | EET BUF | 04/10/23 13:00 |

Client Sample ID: A1-GP18-S

Date Collected: 04/07/23 12:10 Date Received: 04/07/23 13:45

Lab Sample ID: 480-207637-12

Lab Sample ID: 480-207637-13

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|------------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | | 664564 | ATG | EET BUF | 04/11/23 05:28 |
| Total/NA | Analysis | RSK-175 | | 1 | 190336 | RMG | EET BUR | 04/13/23 11:35 |
| Total/NA | Analysis | RSK-175 | | 22 | 664449 | MAN | EET BUF | 04/10/23 10:05 |
| Total/NA | Analysis | 300.0 | | 2 | 664951 | RJS | EET BUF | 04/12/23 20:35 |
| Total/NA | Analysis | 310.2 | | 5 | 665684 | CG | EET BUF | 04/17/23 17:41 |
| Total/NA | Analysis | 353.2 | | 1 | 664615 | IMZ | EET BUF | 04/07/23 16:50 |
| Total/NA | Analysis | 353.2 | | 1 | 664618 | IMZ | EET BUF | 04/07/23 16:50 |
| Total/NA | Analysis | 9060A | | 1 | 665135 | KER | EET BUF | 04/13/23 09:10 |
| Dissolved | Filtration | Filtration | | | 664610 | DLG | EET BUF | 04/10/23 15:00 |
| Dissolved | Analysis | SM 3500 FE D | | 1 | 664612 | DLG | EET BUF | 04/10/23 15:10 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 664578 | EV | EET BUF | 04/10/23 13:00 |

Client Sample ID: MW-35S

Date Collected: 04/06/23 11:10

Date Received: 04/07/23 13:45

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 664564 | ATG | EET BUF | 04/11/23 05:51 |
| Total/NA | Analysis | 9060A | | 1 | 665135 | KER | EET BUF | 04/13/23 09:40 |

Eurofins Buffalo

Matrix: Water

Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: MW-39D

Client: AECOM

Lab Sample ID: 480-207637-14 Date Collected: 04/06/23 13:15

Matrix: Water

Date Received: 04/07/23 13:45

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 8 | 664564 | ATG | EET BUF | 04/11/23 06:15 |
| Total/NA | Analysis | 9060A | | 1 | 665135 | KER | EET BUF | 04/13/23 10:10 |

Client Sample ID: A1-GP02-S

Lab Sample ID: 480-207637-15

Matrix: Water

Date Collected: 04/06/23 12:35 Date Received: 04/07/23 13:45

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|----------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number A | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 100 | 664564 A | ATG | EET BUF | 04/11/23 06:38 |
| Total/NA | Analysis | 9060A | | 1 | 665416 K | KER | EET BUF | 04/12/23 16:37 |

Client Sample ID: A1-GP16-S

Lab Sample ID: 480-207637-16 Date Collected: 04/06/23 11:55

Matrix: Water

Date Received: 04/07/23 13:45

| | Batch | Batch | | Dilution | Batch | | Prepared |
|-----------|----------|--------|-----|----------|---------------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number Analys | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 4 | 664564 ATG | EET BUF | 04/11/23 07:01 |
| Total/NA | Analysis | 9060A | | 1 | 665416 KER | EET BUF | 04/12/23 17:06 |

Client Sample ID: MW-40D

Date Received: 04/12/23 09:00

Lab Sample ID: 480-207715-1 Date Collected: 04/11/23 10:03

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | | 664894 | ATG | EET BUF | 04/12/23 16:46 |
| Total/NA | Analysis | RSK-175 | | 22 | 665038 | MAN | EET BUF | 04/13/23 09:05 |
| Total/NA | Analysis | RSK-175 | DL | 110 | 665038 | MAN | EET BUF | 04/13/23 10:02 |
| Total/NA | Analysis | 300.0 | | 5 | 666028 | RJS | EET BUF | 04/20/23 05:35 |
| Total/NA | Analysis | 310.2 | | 5 | 665886 | CG | EET BUF | 04/18/23 13:41 |
| Total/NA | Analysis | 353.2 | | 1 | 665224 | IMZ | EET BUF | 04/12/23 19:41 |
| Total/NA | Analysis | 353.2 | | 1 | 665418 | IMZ | EET BUF | 04/12/23 19:41 |
| Total/NA | Analysis | 9060A | | 1 | 665662 | KER | EET BUF | 04/13/23 19:16 |

Client Sample ID: A1-GP10-S

Filtration

Analysis

Analysis

Filtration

SM 3500 FE D

SM 4500 S2 F

Lab Sample ID: 480-207715-2 Date Collected: 04/11/23 12:00 **Matrix: Water**

1

1

666968 DLG

666972 DLG

665638 EV

EET BUF

EET BUF

EET BUF

04/26/23 13:00

04/26/23 13:30

04/17/23 14:00

Date Received: 04/12/23 09:00

Dissolved

Dissolved

Total/NA

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 400 | 664894 | ATG | EET BUF | 04/12/23 17:09 |
| Total/NA | Analysis | RSK-175 | | 22 | 665038 | MAN | EET BUF | 04/13/23 09:24 |
| Total/NA | Analysis | RSK-175 | DL | 110 | 665038 | MAN | EET BUF | 04/13/23 10:21 |

Eurofins Buffalo

Project/Site: Scott Figgie Area 1 BCP

Client Sample ID: A1-GP10-S Date Collected: 04/11/23 12:00

Lab Sample ID: 480-207715-2

Matrix: Water

Date Received: 04/12/23 09:00

Client: AECOM

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|------------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 300.0 | | | 666028 | RJS | EET BUF | 04/20/23 07:09 |
| Total/NA | Analysis | 310.2 | | 5 | 665886 | CG | EET BUF | 04/18/23 13:59 |
| Total/NA | Analysis | 353.2 | | 1 | 665224 | IMZ | EET BUF | 04/12/23 19:41 |
| Total/NA | Analysis | 353.2 | | 1 | 665418 | IMZ | EET BUF | 04/12/23 19:41 |
| Total/NA | Analysis | 9060A | | 1 | 666388 | RJS | EET BUF | 04/21/23 07:14 |
| Dissolved | Filtration | Filtration | | | 666968 | DLG | EET BUF | 04/26/23 13:00 |
| Dissolved | Analysis | SM 3500 FE D | | 1 | 666972 | DLG | EET BUF | 04/26/23 13:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 665638 | EV | EET BUF | 04/17/23 14:00 |

Client Sample ID: MW-42S Lab Sample ID: 480-207715-3

Date Collected: 04/11/23 15:20 **Matrix: Water**

Date Received: 04/12/23 09:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|------------|--------------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 200 | 664894 | ATG | EET BUF | 04/12/23 17:33 |
| Total/NA | Analysis | RSK-175 | | 44 | 665038 | MAN | EET BUF | 04/13/23 09:43 |
| Total/NA | Analysis | 300.0 | | 5 | 666028 | RJS | EET BUF | 04/20/23 07:28 |
| Total/NA | Analysis | 310.2 | | 21 | 665886 | CG | EET BUF | 04/18/23 14:15 |
| Total/NA | Analysis | 353.2 | | 1 | 665224 | IMZ | EET BUF | 04/12/23 19:41 |
| Total/NA | Analysis | 353.2 | | 1 | 665418 | IMZ | EET BUF | 04/12/23 20:25 |
| Total/NA | Analysis | 353.2 | RA | 1 | 666100 | IMZ | EET BUF | 04/19/23 22:14 |
| Total/NA | Analysis | 353.2 | RA | 1 | 666101 | IMZ | EET BUF | 04/19/23 22:14 |
| Total/NA | Analysis | 9060A | | 4 | 666388 | RJS | EET BUF | 04/21/23 07:44 |
| Dissolved | Filtration | Filtration | | | 666968 | DLG | EET BUF | 04/26/23 13:00 |
| Dissolved | Analysis | SM 3500 FE D | | 1 | 666972 | DLG | EET BUF | 04/26/23 13:30 |
| Total/NA | Analysis | SM 4500 S2 F | | 1 | 665638 | EV | EET BUF | 04/17/23 14:00 |

Lab Sample ID: 480-207715-4 Client Sample ID: A1-GP15-S

Date Collected: 04/11/23 11:40 Date Received: 04/12/23 09:00

Date Received: 04/12/23 09:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 664894 | ATG | EET BUF | 04/12/23 17:56 |
| Total/NA | Analysis | 9060A | | 1 | 665662 | KER | EET BUF | 04/13/23 23:11 |

Client Sample ID: A1-GP14-S Lab Sample ID: 480-207715-5

Date Collected: 04/11/23 14:10 **Matrix: Water**

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 665134 | СВ | EET BUF | 04/13/23 18:29 |
| Total/NA | Analysis | 9060A | | 1 | 665662 | KER | EET BUF | 04/13/23 23:41 |

Eurofins Buffalo

Matrix: Water

Job ID: 480-207637-1

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

Client Sample ID: TRIP BLANK

Date Collected: 04/11/23 00:00 Date Received: 04/12/23 09:00 Lab Sample ID: 480-207715-6

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 664894 | ATG | EET BUF | 04/12/23 18:42 |

Client Sample ID: MW-44S Lab Sample ID: 480-207715-7

Matrix: Water

Date Collected: 04/11/23 14:00 Date Received: 04/12/23 09:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-------------|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 664894 | ATG | EET BUF | 04/12/23 19:05 |
| Total/NA | Analysis | 9060A | | 1 | 665662 | KER | EET BUF | 04/14/23 00:10 |

Client Sample ID: RINSE BLANK

Lab Sample ID: 480-207715-8 Date Collected: 04/11/23 16:00

Matrix: Water

Date Received: 04/12/23 09:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 1 | 664894 | ATG | EET BUF | 04/12/23 19:28 |

Lab Sample ID: 480-207805-1 Client Sample ID: AL-GP09-S Date Collected: 04/12/23 09:30 **Matrix: Water**

Date Received: 04/13/23 16:20

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 2 | 665491 | СВ | EET BUF | 04/16/23 18:10 |
| Total/NA | Analysis | 9060A | | 1 | 665659 | KER | EET BUF | 04/16/23 03:50 |

Client Sample ID: MW-37D Lab Sample ID: 480-207805-2

Date Collected: 04/12/23 12:30

| Date Collecte | ed: 04/12/23 | 12:30 | | | | | | Matrix: Water | | |
|-------------------------------|--------------|--------|-----|----------|----------------|------|-------------|---------------|--|--|
| Date Received: 04/13/23 16:20 | | | | | | | | | | |
| | Batch | Batch | | Dilution | Batch | | Prepared | | | |
| Pren Tyne | Type | Method | Run | Factor | Number Analyst | l ah | or Analyzed | | | |

Prep Type Total/NA 8260C 665426 CB EET BUF 04/15/23 14:57 Analysis EET BUF Total/NA Analysis 9060A 665659 KER 04/16/23 04:47 1

Client Sample ID: TRIP BLANK-041223 Lab Sample ID: 480-207805-3

Date Collected: 04/12/23 00:00

Date Received: 04/13/23 16:20

| | Batch | Batch | | Dilution | Batch | | Prepared |
|-----------|----------|--------|-----|----------|------------|-----------|----------------|
| Prep Type | Type | Method | Run | Factor | Number Ana | alyst Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | | 665426 CB | EET BUF | 04/15/23 15:21 |

Lab Sample ID: 480-207805-4 Client Sample ID: MW-30

Date Collected: 04/12/23 14:10 **Matrix: Water**

Date Received: 04/13/23 16:20

| | Batch | Batch | | Dilution | Batch | | Prepared |
|-----------|----------|--------|-----|----------|--------------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number Analy | st Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | | 665426 CB | EET BUF | 04/15/23 15:46 |

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Matrix: Water

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5/4/2023

Job ID: 480-207637-1

Client Sample ID: MW-30

Client: AECOM

Date Collected: 04/12/23 14:10 Date Received: 04/13/23 16:20

Project/Site: Scott Figgie Area 1 BCP

Lab Sample ID: 480-207805-4

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 9060A | | 1 | 665992 | KER | EET BUF | 04/17/23 17:39 |

Client Sample ID: MW-43S Lab Sample ID: 480-207805-5

Date Collected: 04/12/23 15:00 Date Received: 04/13/23 16:20

Matrix: Water

| | 1 | Batch | Batch | | Dilution | Batch | | | Prepared |
|---------|-----|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep T | ype | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/N | A | Analysis | 8260C | | 2 | 665426 | СВ | EET BUF | 04/15/23 16:10 |
| Total/N | Α , | Analysis | 9060A | | 1 | 665992 | KER | EET BUF | 04/17/23 18:36 |

Client Sample ID: MW-36S Lab Sample ID: 480-207805-6

Matrix: Water

Date Collected: 04/12/23 10:20 Date Received: 04/13/23 16:20

Batch Dilution Batch Batch Prepared Method Number Analyst or Analyzed **Prep Type** Type Run **Factor** Lab 04/15/23 16:34 8260C Total/NA Analysis 665426 CB **EET BUF** Total/NA Analysis 9060A 665992 KER **EET BUF** 04/17/23 19:33 1

Client Sample ID: MW-36D Lab Sample ID: 480-207805-7

Date Collected: 04/12/23 11:25 **Matrix: Water**

Date Received: 04/13/23 16:20

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260C | | 4 | 665426 | СВ | EET BUF | 04/15/23 16:58 |
| Total/NA | Analysis | 9060A | | 1 | 665992 | KER | EET BUF | 04/17/23 20:59 |

Client Sample ID: MW-40D Lab Sample ID: 480-207805-8

Date Collected: 04/12/23 12:50 **Matrix: Water**

Date Received: 04/13/23 16:20

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | RSK-175 | | | 190482 | RMG | EET BUR | 04/18/23 12:14 |

Client Sample ID: MW-42S Lab Sample ID: 480-207805-9

Date Collected: 04/12/23 13:00 Date Received: 04/13/23 16:20

Matrix: Water

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|---------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | RSK-175 | | 1 | 190482 | RMG | EET BUR | 04/18/23 12:23 |

Client Sample ID: AL-GP10-S Lab Sample ID: 480-207805-10

Date Collected: 04/12/23 12:55 **Matrix: Water** Date Received: 04/13/23 16:20

Batch **Batch** Dilution **Prepared** Batch **Prep Type** Method Factor **Number Analyst** or Analyzed Type Run Lab 04/18/23 12:31 Total/NA Analysis **RSK-175** 190482 RMG EET BUR

Eurofins Buffalo

Lab Chronicle

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

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

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Accreditation/Certification Summary

Client: AECOM Job ID: 480-207637-1

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 | Pro | ogram | Identification Number | Expiration Date |
|---|-----|--|--|--------------------------------------|
| New York | NE | ELAP | 10026 | 03-31-24 |
| | | | | |
| | • | ort, but the laboratory is r | not certified by the governing authority. | This list may include analytes for w |
| The following analytes the agency does not o | • | ort, but the laboratory is r | not certified by the governing authority. | This list may include analytes for w |
| | • | ort, but the laboratory is r Matrix | not certified by the governing authority. Analyte | This list may include analytes for w |

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 | 09-30-23 |
| DE Haz. Subst. Cleanup Act (HSCA) | State | N/A | 05-17-23 |
| Florida | NELAP | E87467 | 06-30-23 |
| Minnesota | NELAP | 050-999-436 | 12-31-23 |
| New Hampshire | NELAP | 2006 | 12-18-23 |
| New Jersey | NELAP | VT972 | 06-30-23 |
| New York | NELAP | 10391 | 04-01-24 |
| Pennsylvania | NELAP | 68-00489 | 04-30-24 |
| Rhode Island | State | LAO00298 | 12-30-23 |
| US Fish & Wildlife | US Federal Programs | 058448 | 07-31-23 |
| USDA | US Federal Programs | P330-17-00272 | 10-30-23 |
| Vermont | State | VT4000 | 02-10-24 |
| Virginia | NELAP | 460209 | 12-14-23 |
| Wisconsin | State | 399133350 | 08-31-23 |

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Method Summary

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

| 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

Eurofins Buffalo

5/4/2023

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Sample Summary

Client: AECOM Job ID: 480-207637-1

Project/Site: Scott Figgie Area 1 BCP

480-207805-10

AL-GP10-S

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | |
|---------------|-------------------|--------|----------------|----------------|--|
| 480-207637-1 | CB-1 | Water | 04/06/23 15:25 | 04/07/23 13:45 | |
| 480-207637-2 | CB-2 | Water | 04/06/23 15:40 | 04/07/23 13:45 | |
| 480-207637-3 | CB-3 | Water | 04/06/23 15:50 | 04/07/23 13:45 | |
| 480-207637-4 | CB-4 | Water | 04/06/23 16:25 | 04/07/23 13:45 | |
| 480-207637-5 | CB-E | Water | 04/06/23 16:40 | 04/07/23 13:45 | |
| 480-207637-6 | TP-5 | Water | 04/06/23 15:15 | 04/07/23 13:45 | |
| 480-207637-7 | TP-6 | Water | 04/06/23 15:00 | 04/07/23 13:45 | |
| 480-207637-8 | DUP | Water | 04/07/23 08:00 | 04/07/23 13:45 | |
| 480-207637-9 | MW-35D | Water | 04/07/23 09:30 | 04/07/23 13:45 | |
| 480-207637-10 | MW-38D | Water | 04/07/23 10:50 | 04/07/23 13:45 | |
| 480-207637-11 | A1-GP06-S | Water | 04/07/23 11:15 | 04/07/23 13:45 | |
| 480-207637-12 | A1-GP18-S | Water | 04/07/23 12:10 | 04/07/23 13:45 | |
| 480-207637-13 | MW-35S | Water | 04/06/23 11:10 | 04/07/23 13:45 | |
| 480-207637-14 | MW-39D | Water | 04/06/23 13:15 | 04/07/23 13:45 | |
| 180-207637-15 | A1-GP02-S | Water | 04/06/23 12:35 | 04/07/23 13:45 | |
| 180-207637-16 | A1-GP16-S | Water | 04/06/23 11:55 | 04/07/23 13:45 | |
| 180-207715-1 | MW-40D | Water | 04/11/23 10:03 | 04/12/23 09:00 | |
| 480-207715-2 | A1-GP10-S | Water | 04/11/23 12:00 | 04/12/23 09:00 | |
| 480-207715-3 | MW-42S | Water | 04/11/23 15:20 | 04/12/23 09:00 | |
| 480-207715-4 | A1-GP15-S | Water | 04/11/23 11:40 | 04/12/23 09:00 | |
| 180-207715-5 | A1-GP14-S | Water | 04/11/23 14:10 | 04/12/23 09:00 | |
| 180-207715-6 | TRIP BLANK | Water | 04/11/23 00:00 | 04/12/23 09:00 | |
| 480-207715-7 | MW-44S | Water | 04/11/23 14:00 | 04/12/23 09:00 | |
| 480-207715-8 | RINSE BLANK | Water | 04/11/23 16:00 | 04/12/23 09:00 | |
| 180-207805-1 | AL-GP09-S | Water | 04/12/23 09:30 | 04/13/23 16:20 | |
| 180-207805-2 | MW-37D | Water | 04/12/23 12:30 | 04/13/23 16:20 | |
| 180-207805-3 | TRIP BLANK-041223 | Water | 04/12/23 00:00 | 04/13/23 16:20 | |
| 180-207805-4 | MW-30 | Water | 04/12/23 14:10 | 04/13/23 16:20 | |
| 180-207805-5 | MW-43S | Water | 04/12/23 15:00 | 04/13/23 16:20 | |
| 180-207805-6 | MW-36S | Water | 04/12/23 10:20 | 04/13/23 16:20 | |
| 180-207805-7 | MW-36D | Water | 04/12/23 11:25 | 04/13/23 16:20 | |
| 180-207805-8 | MW-40D | Water | 04/12/23 12:50 | 04/13/23 16:20 | |
| 80-207805-9 | MW-42S | Water | 04/12/23 13:00 | | |

Water

04/12/23 12:55 04/13/23 16:20

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Login Number: 207637 List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

| oroutor. Otopa, Erik o | | |
|--|--------|---------|
| 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 | |

Eurofins Buffalo

Login Number: 207637 List Source: Eurofins Burlington
List Number: 2 List Creation: 04/11/23 05:22 PM

Creator: Reynolds, Jamie K

| oreator. Reynolds, Janne R | | |
|--|--------|---|
| Question | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td>2059074</td> | N/A | 2059074 |
| The cooler's custody seal, if present, is intact. | True | |
| 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 | 3.1°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 <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | Check done at department level as required. |
| | | |

Login Number: 207715 List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

| Creator. Wallace, Califeron | | |
|--|--------|---------|
| 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. | False | |
| 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 | |

Eurofins Buffalo

Login Number: 207805 List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

| Answer | Comment |
|--------|---|
| True | |
| True | 4.9 #1 ICE |
| True | |
| | True True True True True True True True |

Eurofins Buffalo

List Source: Eurofins Burlington
List Number: 2
List Creation: 04/15/23 12:49 PM

Creator: Reynolds, Jamie K

| oreator. Neyriolus, Jainie N | | |
|---|--------|---|
| Question | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td>Lab does not accept radioactive samples.</td> | N/A | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact. | True | 2059124, 9125 |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or ampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 1.2°C, 0.6°C |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| s 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 <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | Check done at department level as required. |
| | | |

Chain of Custody Record

Lab PM:

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| Page 1014 Page | Client Information | Sampler: C. Horrow's | Lab P Fisch | Lab PM: Fischer, Brian J | | Carrier Tracking No(s): | g No(s): | COC No: 480-182788-19195.1 | |
|--|--|------------------------|----------------|---|--|--------------------------------|-------------------|--|-------------|
| Column Analyzia Paper Analyzia Pap | Client Contect: Mr. Dino Zack | 585-317 | 7 | r n.Fischer@et.eurof | finsus.com | State of Origin: | U | ठ | |
| Control Cont | Company: AECOM | | | | Analysis Re | quested | | Job 等: | |
| Simple S | Address: One John James Audubon Parkway Suite 210 | , | | | | | | Codes: | |
| No. 1, 12, 20 | City: Amherst | Pe | 90 | | | | | | |
| Entrance | State, Zip: NY, 14228 | A Yes | 10 | | | | | | |
| Control Cont | Phone: | PO#: 151701 | | (0 | | | | | decahydrate |
| Sumple identification Sample Date Time Sample S | Email: dino.zack@aecom.com | WO#: 60676146 | | (oN | | | S) | I - Ice J - Di Water | |
| Sample dentification Sample Date Sample Date Sample Date Sample Date Sample Date Sample Date Sample Cocon Sample Sample Cocon Sample | Project Name: Oct-22 | Project #: 48011352 | | trate trate | nochie | | anistr | K-EDTA Y | ecify) |
| Sample identification Sample Date Samp | Site: | SSOW#: | | ISD (Y | y, Tota D5 - C | SUNOA | of cor | Other: | |
| CB-1 Holo 25 Freeservation Code X N N N N N N N N N N N N N N N N N N N | | Sample | | Perform MSAN 3260C - TCL list 353.2_Uip | 310.2 - Alkalinify 35K_175_CO2_ 35K_175 - meth | 1200 EE D - (PA | Otal Number | | 9 |
| 1962 1962 1963 1964 1965 | | X | - 63 | Z | Z | z | X | | |
| 18-2 | | 1 82/ | - | | | | | | |
| CB-3 1550 C Water Y | | 123 | | × | | | | | |
| 1640 CS Water Y | | 1 22/ | | * | | | | | |
| CB-E 4/6 / 2 3 15 / 5 G Water ¥ X | | 1 52/2 | _ | メ | | | | | |
| TP-6 | CB-E | 123 1 | | * | | | | n of Custody | |
| TP-8 | TP-5 | 16/23 1 | | メ | | 1 | 480-20/63/ 21/2 | | |
| Delicate Delication Delic | TP-6 | 16/23 1 | | メ | | | | | |
| Water | Duplicate | 17/23 08 | | × | | | | | |
| MW-35D Water X X X X X X X X X X X X X X X X X X X | Rinse Blank | | Waks | | + | | | | |
| Www.38D Possible Hazard Identification H/7123 10-50 C5 Water X X X X X X X X X X X X X X X X X | MW-35D | | | | × | x | | | |
| Possible Hazard Identification Possible Hazard Identification Cooper temptress Sample Bisposal (A fee may be assessed if samples are retained longer than 1 mc | MW-38D | 17123 10 | 6 Water | | X | X | | | |
| Empty Kit Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Relinquished by: Received by: Company Received by: Company Received by: Cooler Temperature(s) **C and Other Remarks: Cooler Tempe | tant | Poison B Unknown | diological | Sample Dispo | sal (A fee may be | assessed if s Disposal By L | amples are retain | ed longer than 1 month) hive For Months | |
| Empty Kit Relinquished by: Date: Time: Method of Shipment: Relinquished by: Company Received by: Date/Time: Date/Time: Date/Time: Relinquished by: Custody Seals Infact: Custody Seals Infact: Custody Seal No.: Cooler Temperature(s) *C and Other Remarks: Date/Time: | Deliveration Addressed: 1, III, IV, Other (specify) | | | Special instruc | nons/dc Requirem | ants: | | | |
| Relinquished by: Company Received by: Page 1777 | Empty Kit Relinquished by: | ۵ | | Time: | | Method of | Shipment: | | |
| Reinquished by: Reinquished by: Reinquished by: Received by: Custody Seals Intact: Custody Seal No.: Company Received by: Company Recei | | 1123 1 | TT | | My | | Date/Time: 7 | 73 13 48 COMPRING | 5 |
| Relinquished by: Custody Seals Intact: Custody Seal No.: Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks: Cooler Tem | | Date/Time: | Company | Received by: | | | Date/Time: | Сотрану | |
| Custody Seals Intact: Custody Seal No.: | Relinquished by: | Date/Time: | Сотрапу | Received by: | | | Date | Company | |
| | Custody Seals Intact: Δ Yes Δ No | | | Cooler Tempe | orature(s) °C and Other F | lemarks: | 1 | ろらあり | |

Chain of Custody Record

10 Hazelwood Drive Amherst, NY 14228-2298 Phone (716) 691-2600 Phone (716) 691-7991

Eurofins Buffalo

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| Prione (716) 091-2000 Prione (716) 091-7991 | | | | | | | | | | | | | | | | |
|--|------------------------|--------|----------------------------|--|--|------------------|--|-----------------------|----------------------------------|-----------------|-------------------------|-------------|-------|------------------------|--|--------|
| Client Information | Sampler: C. 175 | Speck | | Lab PN Fisch | Lab PM: Fischer, Brian J | 7 | | | | Carrie | Carrier Tracking No(s): | No(s): | | COC No: | COC No: 480-182788-19195.2 | |
| Cifent Contact: Mr. Dino Zack | Phone: 585 | 317-61 | 37 | E-Mail: Brian. | E-Mail: Brian.Fischer@et.eurofinsus.com | @et.eu | rofinsus | moo: | | State | State of Origin: | X | | Page: Page 2 of 4 | 17.4 | |
| Company: | | | PWSID: | | | | | | | | 1 | | | H doc | | |
| AECOM | | | | | | - | 1 | Analysis | | Rednested | | | I | | | |
| Address: One John James Audubon Parkway Suite 210 | Due Date Requested: | 577 | 0 | | | | | | | | | | | Preserva A - HCL | | |
| Crty: Amherst | TAT Requested (days) | | 4000 | | | | | | | | | | | B - NaOH C - Zn Ace | | |
| State, Zlp: NY, 14228 | Compliance Project: | ٥ | » °N | | | | | | | | | | | D - Nitric A | | |
| Phone: | Po#: 151701 | 1 | | | lo | | | | | | | | | G - Amchlor | S - H2SO4 T - TSP Dodecahydrate | ydrate |
| Email: dino.zack@aecom.com | wo#: 60676146 | | | | | oleC | | pbixolb | enerti | (| ı | | | | | |
| Project Name: Oct-22 | Project #: 48011352 | | | | JO SO | | | | plensi | Fe (LF) | odreO | | | × EDTA | Y - Trizma Z - other (specify) | _ |
| Site: | SSOW#: | | | | N) as | | | | | | ojue6. | | | of cor | | |
| Sample Identification | Sample Date | Sample | Sample Type (C=comp, | Matrix (www.ater, 8-acolds, Ownesshool, | benediii bieii | 3260C - TCL list | - 0_S2_002 bM 2 chinilexIA - 2.018 | SSK_175_CO2_ | Nu2 - G8S_0.008 | 1500 FE_D - fer | O IsloT - A0800 | | | redmuli lato | Crock Instructions/Notes | |
| | X | | 433 | | X | 1 | 15 | 1- | - | 1- | 6 < | | | | | |
| WW 40B | | | | Water | | | | | | П | | | | | | |
| A1-GP06-S | 41713 | 115 | 6 | Water | | X | + | X | λ λ | λ | X | | | | | |
| A1 GP10.S | | | | Water | | \prod | | | | | | | | | | |
| A1-GP18-S | 417123 | 1210 | 0 | Water | | X | X | x | X | X | X | | | | | |
| MW-42S | | | | Water | | | | | \parallel | | | | | | | |
| WW-30 | | | | Water | | \prod | | | H | П | | \parallel | П | 1 | | |
| MW-35S | 4/6123 | 1110 | 9 | Water | | X | | • | + | | X | | _ | | | |
| MW 35D | | | | Water | | | | | H | | | | | 1 | | |
| MW-36S | | | | Water | | | | H | + | П | | | | 1 | | |
| MW-36D | | | | Water | | \parallel | | | | П | | | | 1 | | |
| MW. 37D | | | | VV BIGN | | - | | | + | I | H | | H | 1 | | |
| Possible Hazard Identification Non-Hazard | Poison B (Inknown | | Radiological | | Sami | ole Dis | le Disposal (A i | A fee | ag /g | 38888 | / be assessed if sam | se/dun | are 🗆 | tained longer | Sample Disposal (A fee may be essessed if samples are retained longer than 1 month) Rainin To Client Manthe | |
| /, Other (specify) | | | 3 | | Spec | al Instr | Special Instructions/QC Requirements: | OC Re | quireme | onts: | | | | | | |
| Empty Kit Relinquished by: | Dat | ate: | | | Time: | | | | | | Method of Shipment: | Shipment | | | | |
| Relinquished by: Ver Three | Date/Time: 17/23 | - | 345 | n | m R | Received by: | . . | | | | | Date/Time | :: | | Company | |
| Relinquished by: | Date/Time: | | 0 | Сотрвлу | œ | Received by | × | | | | | Data/Time | :: | | Company | |
| Relinquished by: | Date/Time: | | 0 | Company | œ | Received by: | 5 | | | | | Sate O | ĕ(- | | Company | |
| Custody Seals Intact: Custody Seal No.: Δ Yes Δ No | | | | | ŏ | ooler Ten | Cooler Temperature(s) | (a) ⁹ C an | ^a C and Other Remarks | emarks | | - | ٧ | | | |
| | | | | | | | | | 1 | 1 | | | | | Var. 01/16/7010 | c |

| | Frome (7 10) 691-2000 Priorie (7 10) 691-199 | Complex | | | Lab DAA | | | | | Ç | Carrier Tracking Notal | Wind Note | 1 | 2 | No. | |
|-----------|--|------------------------|---------|----------------------------|--|--|---|-----------------------|----------------|-----------------|------------------------|---------------------|------------|--------------|---|-----------------------------------|
| | mation | CITES | mach 5 | | Fischer, Brian | Brian J | | | | | | | | 48 | 480-182788-19195. | 9195.3 |
| | | Phone: 565- | 317-613 | 37 | E-Mail: Brian.F | E-Mait: Brian.Fischer@et.eurofinsus.com | eurofi | nsus.co | 8 | S | State of Origin: | Olin: N | × | P. P. | Page: Page 3 of 4 | |
| | Company: AECOM | | | PWSID: | | | | Ā | VSIS | Regn | Requested | | | Jot | Job #: | |
| | James Audubon Parkway Suite 210 | Due Date Requested: | STD | 0 | | | | | - | | | | | g 4 | Preservation Codes | 18 |
| | | TAT Requested (days) | | 0000 | | | | | | | | | | (m U | B - NaOH C - Zn Acetate | |
| | 8 | Compilance Project: | ⊲ | - | | | | | | | | | | ١٤٠ | - Nitric Acid | D - N82803 |
| | | Po#: 151701 | | | (0 | | | | • | | | | | UI | - Amchlor - Ascorbic Acid | |
| | Email: dino.zack@aecom.com | wo #: 60676146 | | | N 10 I | | plec | | | | | | | | I - Ice J - DI Water | U - Acetone V - MCAA |
| | | Project #: 48011352 | | | ie (Ver | JO 50 | _ | i | _ | | | | - | | - EDTA | Y - Trizma Z - other (specify) |
| | | SSOW#: | | | dwes | N) as | | etoT , | _ | | | | | | Other: | |
| | Sample Identification | Sample Date | Sample | Sample Type (C=comp, | Matrix (www.etar, 8moold, Owestavold, Owestavold, Elifered | Perform MSM sil 13T - 30828 | 353.2, 353.2 UIE | chinilisallA - S.Ot E | RSK_175 - meth | Mu2 - G85_0.005 | 161 - Q_33_0028 | | | Total Mumber | 8000 | Special Instructions/Note: |
| Pag | | V | X | 1 60 | | X | 80 N | z | 12 | z | | | | X | | |
| ge S | MW-38D | | | | Water | | + | 1 | + | # | | + | | 1 | | |
|)2 o | MW-39D | 2119/12 | 1315 | 2 | Water | X | | | | | X | 1 | | | | |
| 7 f 97 | MW-40D | | | | Weiter | \parallel | + | | + | I | | + | | | | |
| - (| MW 42S | | | | Water | | # | | + | # | H | | # | r | | |
| | MW-435 | | | | Water | | | | H | \parallel | | | | | | |
| | MW 245 | | | | Water | | | | | | | H | # | 1 | | |
| | A1-GP02-S | 4/423 | 1235 | 2 | Water | X | _ | | - | | | X | | | | |
| 4 | A1-GP18-S | | | | Water | | | | H | | | | | 1 | | |
| | A1-GP06-S | | | | Water | | | | + | | | + | | | | |
| - | A1-6P09.S | | | | Water | | | | | \parallel | | | | 1 | | |
| , | An-6P10.S | | | | Water | | | | - | | | | | | | |
| | dentification | | | | | Sample | Dispos | 391 (A) | 99 may | be as | pesses | if samp | les are | retained | Sample Disposal (A fee may be assessed if samples are retained longer than | 1 mo |
| | | Poison B Unknow | | Radiological | | Special | Special Instructions/QC Requirements: | o Client | Requi | ements | rements: | y Lab | | Archive For | For | Months |
| | Empty Kit Relinquished by: | | Date: | | Ē | Time: | | | | | Metho | Method of Shipment: | ment: | | | |
| | Relinquished by: Carry | Date/Time: | 3 (| 348 | Company | | Received by: | | | | 1 | Dat | Date/Time: | | | Company |
| 5 | Relinquished by: | Date/Time: | | 0 | Company | Rece | Received by: | | | | | Oat | Data/Time: | | | Company |
| /4/20 | | Date/Time: | | 0 | Company | Rece | Received by: | | | | | Dag | Date/Time: | 7 | | Company |
|)23 | Custody Seals Intact: Custody Seal No.: | | | | | C00} | Cooler Temperature(s) °C and Other Remarks: | rature(s) | C and O | ther Rem | arks: | | | _ | | |
| | | | | | | | | | | 14 | 10 | 9 | 8 | 7 | 5 | 2 3 4 |

Chain of Custody Record

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Carrier Tracking No(s):

Chain of Custody Record

P - Ne204S Q - Ne2SO3 R - Ne2SO3 S - H2SO4 T - TSP Dodecahydrate Special Instructions/Note: Z - other (specify) Company U - Acetone V - MCAA Months W - pH 4-5 Company Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Month COC No: 480-182788-19195.4 reservation Codes G - Amchlor H - Ascorbic Acid A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH Page: Page 4 of 4 I - Ice J - Di Water K - EDTA L - EDA Total Number of containers # Date/Time Method of Shipment State of Origin: **Analysis Requested** Cooler Temperature(s) °C and Other Remarks Special Instructions/QC Requirements: 600.0 280 - Sumate z E-Mail: Brian.Fischer@et.eurofinsus.com SSK 175 CO2 D5 - Carbon dioxide CB SM4500_SZ_D - Sulide Received by: eceived by Lab PM: Fischer, Brian J Perform MS/MSD (Yes or No) me Field Filtered Sample (Yes or No) BT «Tissue, A»Air) (Www.star, Sweolid, Oww.sete/oil. Preservation Code: Water Water Water Matrix Water Water Company Radiological (C=comp, G=grab) Sample Type 3 Phone: 585-317-6137 Compilance Project: A Yes A No グロ Sampler: C. Harours 155 Sample Date Unknown (AT Requested (days): Due Date Requested: Sample Date 7/9/1 WO #: 60676146 Project #: 48011352 Cate/Time: Po#: 151701 SSOW#: Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) Address: One John James Audubon Parkway Suite 210 Custody Seal No. Empty Kit Relinquished by: Custody Seals Intact: Client Information dino.zack@aecom.com Sample Identification Mr. Dino Zack linquished by: slinquished by: elinquished by: Project Name: Oct-22 Client Contact: 1-CP14-B 4 CP16 6 A1-GP16-S State, Zip: NY, 14228 Frip Blank Frip Blank Amherst Company:

Phone (716) 691-2600 Phone (716) 691-7991 Amherst, NY 14228-2298

Page 93 of 97

Ver: 01/16/2019

Chain of Custody Record

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Carrier Tracking No(s)

Phone (716) 691-2600 Phone (716) 691-7991

Amherst, NY 14228-2298

10 Hazelwood Drive

Eurofins Buffalo

TIME
LAB FILTER FE SAMPLE - SHORT HOLD
TIME LAB FILTER FE SAMPLE - SHORT HOLD LAB FILTER FE SAMPLE - SHORT HOLD lecahydrate W - pH 4-5 Y - Trizma Z - other (specify) Special Instructions/Note: Months Company Sample Disposal (A fee may be assessed If samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon COC No: 480-182788-19195.1 Page: Page 1 of 2 Job #: LOCS ON Preservation Codes Vocs J - DI Water K - EDTA L - EDA 480-207715 Chain of Custody Date/Times Total Number of containers Method of Shipment: State of Origin: New York **Analysis Requested** × × × × * × × nodreO oinegrO letoT - A030 Cooler Temperature(s) °C and Other Remarks: \times \times × Special Instructions/QC Requirements: × × × edeflu2 - G82_0.008 × × × Lab PM: Fischer, Brian J E-Mait Brian.Fischer@et.eurofinsus.com × × × × × × CB × × 904175 - CT ZS 00514WS Received by: × × × × × × \star × × × × × (oh to self) (Namali mohe me AECON Field Filtered Sample (Yes or No) Preservation Code: Water Water Matrix Water Water Water Water Water Water Water Water Water Company Radiological Sample (C=comp, G=grab) Турв G O O PWSID: ഗ G O ф ф G ഗ ഗ 5 Compliance Project: A Yes A No C-1600 1520 00/1 282 0411 0/61 Sample 1030 TIM9 Date: Unknown TAT Requested (days): Per PO 33 Due Date Requested: Per PO Phone: 716-531-3312 Sample Date 62/11/h 4/11/23 4/11/23 62/11/4 4/1/23 wo #: 60676146 Project #: 48011352 **Emily Au** Date/Time: Po#: 151701 Poison B AECom Skin Irritant E1140 Deliverable Requested: I, II, III, IV, Other (specify) Address: One John James Audubon Parkway Suite 210 RINSE BLANK Custody Seal No. Scott Figgie Area 1 BCP, Lancaster, NY Flammable TRIP Blank ossible Hazard Identification Empty Kit Relinquished by: 0 Custody Seals Intact: Client Information lino.zack@aecom.com Sample Identification ţ A Yes A No nject Name: Area 1 BCP - 2Q23 Non-Hazard 1-GP09-S hone: /16-866-8222 Client Contact: Mr. Dino Zack linquished by: linquished by: elinquished by: State, Zip: NY, 14228 A1-GP10-S 11-GP14-S WW 97D MW-42S AW 436 Sompany: Amherst **486-W MW-44S** MW-40D Day-set 96 44

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| | Sampler: | Lab PM | | | | Company | Andrew Market | | | |
|--|---------------------------------|--|---|---|-------------|--|---------------------|--|-------------------------------|--|
| Client Information | Emily Au | Fisch | Fischer, Brian J | | | Carrier Tracking No(s): | XING NO(8): | COC No: | COC No: 480-182788-19195 2 | |
| Client Contact: Mr. Dino Zack | Phone: 716-531-3312 | E-Mail: Brian | E-Mail: Brian Fischer@et eurofineus com | o silveile c | 1 8 | State of Origin: | gin: | Page: | 3000 | |
| Company: | PWSID | | | O.G. III O.G. | | INGW TON | | N | of 2 | |
| AECOM Address: | | | | A | alysis F | Analysis Requested | | # qop | | |
| One John James Audubon Parkway Suite 210 | Due Date Requested: Per PO | | | | | | | Preserv | 88 | |
| Crty: Amherst | TAT Requested (days): Per PO | | | | | | | A - HCL B - NaOF | | - Hexane - None |
| State, Zip: NY, 14228 | Compliance Project: A Yes A No | | | | | | | C - Zn Acetate D - Nitric Acid | | U - AsnaO2 P - Na2O4S Q - Na2SO3 |
| Phone: 716-866-8222 | Po#: 151701 | | | | | | | G - Amot | | 4a2S2O3 12SO4 |
| Email: dino.zack@aecom.com | WO#: 60676146 | | (0) | | | | | | | SP Dodecahydrate Icetone ICAA |
| Project Name: Area 1 BCP - 2Q23 | Project #: 48011352 | | M 10 21 | | | | | X-EDTA K-EDTA L-EDA | | W - pH 4-5 Y - Trizma |
| Site: Scott Figgie Area 1 BCP, Lancaster, NY | SSOW#: | | SD (Ye | ebillus | | 3 suno | | | | Z - other (specify) |
| Samole (dentification | Sample | Matrix (www.etsr., 8*solid, Oww.ests/off, | eld Filtered S wform MS/W: 60C - TCL list 3.2, 353.2 Nib | M500_S2_D - | K_175_CO2_L | illu2 - G82_0.0 mei - G_37_00 gvO listoT - A06 | | al Number o | | |
| | Sample Date | Preservation Code: | 28 82 | vs C | SA S | 35 | | | Special Instructions/Note | tions/Note: |
| MOPIS A1 - 6909-5 | 4/12/22 930 | G Water | × | | < | × × | | X | | |
| Plines MW-37D | 23 13 | G Water | × | | | < × | | | | |
| Trip Blank - 041223 | 4/12/23 - | G Water | × | | | | | | | |
| | 4/12/23 1410 | G Water | X | | | × | | | | |
| MW - 43S | 4/12/23 1500 | Water | × | | | X | | | | |
| MW - 365 | 4/12/23 1020 | √ Water | × | | | X | | | | |
| | 4/12/23 1125 | (Water | × | | | X | | | | |
| MW - 40D | 4/12/23 1250 | | | | × | | | | | |
| MW -425 | 4/12/23 1300 | (S Water | | | × | | 480- | 480-207805 Chain of Custody | of Custody | |
| A1. 6710-5 | 1/12/23 1255 | (S Water | | | X | | - - | | | |
| Donelly Description | | Water | | | | | | | | |
| ole Skin Irritant | Poison B | Radiological | Sample DI | le Disposal (A f | fee may (| Passessed If sam | if samples ar | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | er than 1 mos | nth) |
| Deliverable Requested: I, II, III, IV, Other (specify) | | | Special Instructions/QC Requirements: | tructions/Q | C Require | nents: | y Lab | Archive For | | Months |
| Empty Kit Relinquished by: | Date: | | Time: | | | Metho | Method of Shipment: | | | |
| Reminduence Dy: | 12/23 162 | O Company AE(6 | (SM) Received by: | lby: | 7 | | Date/Time: | 77 1 | Je Con | Company |
| Kelinquished by: | | Company | Received by: | 1 by: | | | Date/Time: | 9, | Con | Company |
| | Date/Time: | Сотралу | Received by | 1 by: | | | Date/Time: | | Com | Company |
| Custody Seals infact: Custody Seal No.: △ Yes △ No | | | Cooler T | Cooler Temperature(s) °C and Other Remarks: | °C and Othe | Remarks: | 614 | 1741 # | nl | |
| | | | | | | | 1 | | | |

🛟 eurofins

Chain of Custody Record

10 Hazelwood Drive Amherst, NY 14228-2298 Phone (716) 691-2600 Phone (716) 691-7991

| Eurofins Buffalo | | | | | | | | | | | | | | | |
|---|-------------------------------|------------------|------------------------|---------------------------------------|----------------------------|-------------------------|--|---------|--------------------|-----------------|---|----------|-------------------------------------|---|---------------------|
| 10 Hazelwood Drive | | hain | hain of Custody Becord | מ אס | Š | 7 | | | | | | • | 🥳 eurofins | (6 | |
| Amherst, NY 14228-2298 Phone 716-691-2600 Fax 716-691-7991 | , | | 0000 | ouy N | | ==== 3 | | | | | | | | | Environment Testing |
| Client Information (Sub Contract Lab) | Sampler | | | Lab PM Fische | Lab PM Fischer, Brian J | | 480-207637 Chain of Custody | 7 Chair | n of Cust | tody | | 1 | COC No 480-79710 1 | | |
| Client Contact: Shipping/Receiving | Phone | | | E-Mail Brian | lechoi | 100 | E-Mail | 1 | State | State of Origin | | | Page | | |
| Company TestAmerica Laboratories, Inc | | | | | ccreditati | Accreditations Required | Accreditations Required (See note) NFI AP - New York | (a) | 2 | A LOIR | | | Job # | | |
| Address 530 Community Drive, Surte 11, | Due Date Requested: 4/20/2023 | ÿ | | | | | | lycic | Analysis Dogmostod | 604 | | | Preservation Codes: | sepc: | |
| | TAT Bosingsbad (de | 1 | | 1 | 130 | ŀ | ₹ - | 13513 | Sadne | | | ŀ | A-HCL | M - Hexane | |
| South Burlington | IAI Kequested (days): | ys): | | | | | | | | | | | B - NaOH | N - None O - AsNaO2 | |
| State, Zip VT, 05403 | | | | | | | | | | | | | D - Nitric Acid E - NaHSO4 | P - Na204S Q - Na2SO3 | |
| Phone. 802-660-1990(TeI) 802-660-1919(Fax) | PO #: | | | | | | | | | | | | F - MeOH G - Amchlor | R - Nazszos S - H2SO4 T - TSP Dodecahydrate | scahydrate |
| Email | .#OM | | | | Adecourant a | | | | | | | | H - Ascorbic Acid I - Ice | U - Acetone V - MCAA | |
| Project Name Scott Figgie Area 1 BCP | Project #* 48011352 | | | | 8 (Yes o | | | | | | | etenisi | y - Di water K - EDTA L - EDA | W - pH 4-5 Y - Trizma Z - other (specify) | ecify) |
| Site. | :RSOW#: | | | | 1000000000000 | | | | | | | nos le | Other: | | : |
| | | | Sample | Matrix | W/SM | 700 | | | | | |) Tedr | | | |
| Sample Identification - Client ID (Lab ID) | Sample Date | Sample | | (W=water, S=solid, O=waste/oil, | l miolie | 38K_175_ | | | | | | nuM Isto | | | |
| | $\frac{1}{2}$ | X | 7 10 | | X | | | | | | | ¹ X | opecial | IIIsu ucuoiis | Note. |
| MW-35D (480-207637-9) | 4/7/23 | 09 30 Eastern | | Water | | × | | | | | | 8 | | | |
| MW-38D (480-207637-10) | 4/7/23 | 10:50 Eastern | | Water | | × | | | | | | n | | | |
| A1-GP06-S (480-207637-11) | 4/7/23 | 11·15 Eastern | | Water | | × | | | | | | 60 | | | |
| A1-GP18-S (480-207637-12) | 4/7/23 | 12 10 Eastern | | Water | | × | | | | | | 8 | | | |
| | | | 1 | 1 | ‡ | + | + | Ŧ | _ | 1 | + | 1 | | | |

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/fests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory and analysis/fests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC. Possible Hazard Identification

| | rossinie nazaru identification | | S | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | if samples are retail | ined longer than 1 | month) |
|--------|---|----------------------------|---------|--|-----------------------|--------------------|--------------------|
| | Unconfirmed | | | Return To Client Disposal By Lab | 3v Lab | Archive For | Months |
| | Deliverable Requested I, II, III, IV, Other (specify) | Primary Deliverable Rank 4 | S | Requi | | | |
| | Empty Kit Relinguished by: | Date. | Time | | Method of Shipment: | | |
| | Reinquished by | 3.23 (doc) | Company | Received by: | Date/Time | Hir 123 1030 | Company CTA BUR |
| | Verintidusined by | Date/Time (| Company | Received by | Date/Time. | | Company |
| 5/4 | Relinquished by | Date/Time (| Сотрапу | Received by: | Date/Time. | | Company |
| ./2021 | Custody Seals Intact. Custody Seal No.: A Yes A No | | | Cooler Temperature(s) °C and Other Remarks | | | |
| 3 | | | | | | | |

ORIGIN ID:DKKA (716) 691-2600 SAMPLE RECEIPT EUROFINS BUFFALO 10 HAZELWOOD DR

AMHERST, NY 14228 UNITED STATES US SHIP DATE: 10APR23 ACTWGT: 42.20 LB CAD: 846654/CAFE3704 DIMS: 26x15x14 IN

ILL SENDER

SAMPLE MGT. EUROFINS BURLINGTON

EUROFINS BURLINGTON 530 COMMUNITY DRIVE SUITE 11

SOUTH BURLINGTON VT 05403

02) 923 – 1026

EÉ: EUROFINS BURLINGTON

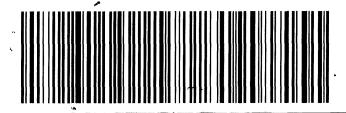
FedEx Express

TRK# 6159 4587 3717

TUE - 11 APR 10:30A PRIORITY OVERNIGHT

NX BTVA

05403 vr-us BTV



Page 97 of 97

2

3

5

7

8

9

SiREM File Reference: S-9742



Analytical Results

Client: AECOM Client Project Number: 60676146

Date Samples Received: April 13, 2023 Date Samples Analyzed: April 19, 2023

| Client Sample ID | SiREM Reference ID | Client Sample | Sample Dilution | Lactate | Acetate | Propionate | Formate | Butyrate | Pryuvate |
|------------------|--------------------|---------------|--------------------|---------|---------|------------|---------|----------|----------|
| Onem Campie 12 | OINEM NOICEONG ID | Date | Factor | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| MW-42 S | 23-13577 | 12-Apr-23 | 1,000 | <12 | 816 | <2.0 | <25 | 50 | 16 J |
| A1-GP10-S | 23-13578 | 12-Apr-23 | 50 | <0.62 | 14 | <0.10 | <1.3 | <0.06 | <0.15 |
| | | | | | 1 | • | | | |
| | | QL | 50 | 0.62 | 1.4 | 0.10 | 1.3 | 0.06 | 0.15 |
| | | QL | 1,000 | 12 | 28 | 2.0 | 25 | 1.2 | 2.9 |
| | | RL | 50 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| | | IXL | 1,000 | 40 | 40 | 40 | 40 | 40 | 40 |

Comments:

Method: Ion Chromatography with Electrical Conductivity Detection

J = the associated value is an estimated result between the QL and the RL

QL = Quantitation limit

Laboratory Technician

RL = Reprting Limit

< = compound analysed for but not detected, associated value is QL. Sample QL is corrected for dilution.</p>

| Analyst: | Results approved: | Date: |
|----------------------|----------------------|-----------|
| Brooke Rapien | Keladohworth | 25-Apr-23 |
| Brooke Rapien, B.Sc. | Kela Ashworth, B.Sc. | <u> </u> |

Senior Laboratory Technician

siremlab.com Page 1 of 1



Chain-of-Custody Form

siremlab.com

180B Market Place Blvd Knoxville, TN 37922 1-865-291-4718 or 1-866-251-1747

| *Project Name Frea 1 BCP | *Project # | 6067 | 6146 | | I - | | | | | Ana | lysis | | | | | |
|--|----------------|---------------|------------|------------|---------------|---------------|---------------|----------------|---------------|----------------------|-----------------------------|--------------------|----------|----------|---------|---------------------------|
| *Project Manager Dina Zuch | *Company | AF/do | 40 | | - | T | T | 1 | _ | T- | liyala | Т | т | 1 | т — | |
| *Email Address | | | | | ┢ | - | - | - | _ | 1 | - | | | | | Preservative Key |
| Address (Street) | - 1 | | | | 1 | | | | | | gases | | 1 | | | O None |
| City a | Suite | 213 | | | | | | 1 | | S | rbon | | | | | 1 HCL 2 Other ICE |
| Amherst New York | Co | ountry U | 5 | | J.C | ₹5 | 말 | HGM | RB | / Acid | droca | tudy | | | | 3 Other |
| ************************************** | | | | | riac [| rac F | rac D | rac D | rac S | Fatty | ed hy | ollity S | | | | 4. Other |
| Address (Street) I Som Somes Auduben Parking City Amherst *Phone # 716 - 866 - 8222 *Sampler's Signature Client Sample ID | 's Printed Div | 10 20 | ch | | Gene-Trac DHC | Gene-Trac FGA | Gene-Trac DHB | Gene-Trac DHGM | Gene-Trac SRB | Volatile Fatty Acids | Dissolved hydrocarbon gases | Treatability Study | | | | 5. Other6. Other |
| Client Sample ID | Sam | pling | Ĭ | # of | ¥. | X | V | | - | 1 | - | | - | | | 0,00.0 |
| | Date | Time | Matrix | Containers | 96 | X | X | | | ¥ | | | | | | Other Information |
| MW-425 | 4/12/23 | | GW | 3 | X | X | X | | | X | | | 2× | 401 | ul | pr POBK-09844 |
| A1- GP10-S | 4/12/23 | 1100 | GW | 2 | | | | | | V | | | | | | per PUBH- 2xx10m1 |
| | | | | | | | | | | | | | | | | ST 209 CM |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| PO 142162 | Тиглаго | und Time Re | equested | Cooler Co | ndition: | 22 | For t | ab Use | Only | | | | F | or Lab U | se Only | / 1/2 |
| | No | mal 🖈 | | Cooler Col | | 60 | od | KK | 0 | 054 | 2 | | 6 | BHI | ea | rder#32140 |
| *BILL TO: US APImaging @ accom. com | Rus | mal 👉 | | Cooler Ter | nperati | ire: | 6.1 | 00 | 14 | 1 pg | 100 | 2 | | | | |
| CC dins. zack e accom.com | | | | Custody S | eals | Υe | es V | No | о П | | | | \dashv | | | |
| | | | | | | | 0.000 | | | | | | | | | |
| Relinquished By: Received By | | | | JL | 7 | | | | = | | | _ | Pi | roposal | 01 | |
| Signature Signat | , s | ignature R | elinquishe | 1 By: | Sign | nature | Rece | eived By | : | | Signatu | | linquist | ned By: | | Received By: Signature |
| Printed Dina Zuck Printed Sun Th | MAGS Pr | inted | | | Print | | | | | | Printed | | | - | | Printed |
| Firm AGGIN Firm SINFM | Fir | | | | Nam Firm | | | - | - | | Name Firm | | | | | Name Firm |
| Firm AG(1m Firm SINEM Date/Time 4/12/23 (315/hg Date/Time 37023 | 0915 Da | te/Time | | | Date | /Time | | | | | Date/Tim | ie . | | | | Date/Time |
| istribution: White - return to Originator; Yellow - Lab Copy: Pink - Retained by Client | 0740 | | | | | | | | | | 210, | | | | | Date/ Iline |



Chain-of-Custody Form

siremlabcom



1808 Market Place Blvd Knoxville, TN 37922 -4718 or 1-866-251-1747



| *Project Name Freu 1 BCP | *Project # | 6067 | 6146 | | | | | | 10000 | Anal | lysis | | | | | |
|--|------------------|-----------------|--------|--------------------|---------------|----------------|---------------|----------------|---------------|----------------------|-----------------------------|--------------------|----------|----------|---------|----------------------------------|
| *Email Address In Zuch | *Company | 45(01 | m | | | | | | | | | | | | | Preservative Key |
| "Email Address dinor Zach & alcom. Co. Address (Street) I Sohn Somes Anduban Parkway City Anherst State/Province York "Phone # 7// (16 | Suite | 210 Duntry U | 5 | | DHC | FGA | ОНВ | DHGM | SRB | tly Acids | Dissolved hydrocarbon gases | Study | | | | 0 None 1 HCL 2 Other 1CC 3 Other |
| Phone # 7/6 - 8/66 - 8222 Sampler's Ond Bul *Sample Name | er's Printed Div | 10 20 | ich | | Gene-Trac DHC | Gene-Trac FGA | Gene-Trac DHB | Gene-Trac DHGM | Gene-Trac SRB | Volatile Fatty Acids | Dissolved t | Treatability Study | | | | 4. Other 5. Other |
| Client Sample ID | | pling | Matrix | # of Containers | ¥. | * | × | | | ¥ | | | | | | Other Information |
| MW-42 5 Al-GPIO-S | 4/12/23 | - | GW | 71 | X | 041 | 723 | - | | X | | | 2× | 401 | и [| per POBL-09844 |
| | | | | | | | | | | | | | | | | |
| 0# PO 142162 Billing information 142162 Billing USAPImaging @ alcom. com CC dins. zack e accom. com | | und Time R | | Cooler Te | mperati | GO ire: | od | C | w | 056 184 | , cee | | Fo | tab Ih | pe Only | nder#32140 |
| | | | | 6.75 | | | | | | VII | | | Pr | opossi e | | |
| nature mature ma | week! | KID | aahet | 2 | 1 | nature Cisu | ton | ived By | | | Signatur | | lingulah | ed By: | | Received By: Signature |
| ne Jin Luci Name) (Lau T | toures Pri | nie Kaut I | and co | rechusi | Prief | PA | nica i | CUNT | nepay | | Printed Name | | | | | Printed Name |
| AG(1m Firm SIRFA) Viline 4/12/23 (315ks 24/13-2023 | PH | SIRE | M | | Firm | SIP! | И | | | | Firm | | 98505 | | | Firm |
| 1/11/23 1315 ks 27-73-2023 | 0945 | 04/17/2 | 23 140 | 00 | Date | /Time 18 Ac | - 23 | 150 | 0 | | Date/Tim | е | | | | Date/Time |

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



| Sit | e No. | C915233 | Site Details | Box 1 | |
|------------|--|--|--|-----------|------|
| Sit | e Name Fo | ormer Scott Aviation Facilit | ty (Area 1) | | |
| City Co | e Address: y/Town: La unty: Erie e Acreage: | | Zip Code: 14086 | | |
| -R | l eporting-Pe | riod:April-01;-2020 to-April- | 01, 2021 | | |
| R | Reporting Pe | eriod: April 14, 2022 to April | 12, 2023 | | |
| | | | | YES | NO |
| 1. | Is the infor | mation above correct? | | | X |
| | If NO, inclu | ude handwritten above or on | a separate sheet. | | |
| 2. | | or all of the site property been mendment during this Report | en sold, subdivided, merged, or undergone a ting Period? | | X |
| 3. | | been any change of use at th CRR 375-1.11(d))? | he site during this Reporting Period | | X |
| 4. | • | federal, state, and/or local pe e property during this Report | ermits (e.g., building, discharge) been issued ting Period? | | X |
| | - | | thru 4, include documentation or evidence busly submitted with this certification form | | |
| 5. | Is the site | currently undergoing develor | pment? | | X |
| | | | | | |
| | | | | Box 2 | |
| | | | | YES | NO |
| 6. | | ent site use consistent with thal | he use(s) listed below? | X | |
| 7. | Are all ICs | in place and functioning as | designed? | X | |
| | IF T | | JESTION 6 OR 7 IS NO, sign and date below REST OF THIS FORM. Otherwise continue. | and | |
| AC | Corrective M | leasures Work Plan must be | e submitted along with this form to address t | these iss | ues. |
| Sia | nature of Ov | vner, Remedial Party or Desig | anated 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? | | X |
| | If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form. | | |
| 9. | Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years) | X | |
| | 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

<u>Parcel</u> <u>Owner</u> <u>Institutional Control</u>

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

| Box | 5 |
|-----|---|
|-----|---|

| | 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 compete. YES NO | | | | | | |
| | \mathbf{X} | | | | | | |
| 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 | | | | | | |
| | \mathbf{X} | | | | | | |
| | 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 <u>Dino Zack, PG, STS</u> at <u>AECOM, 50 Lakefront Blvd., Suit 111, Buffalo 14202</u>, print name print business address am certifying on behalf of Scott Figgie LLC (Owner or <u>Remedial Party</u>)

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

Dino J. Jack

on behalf of Scott Figgie LLC

June 16, 2023

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

Date

