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July 24, 2024

Mr. Glenn May, PG
New York State Department of
Environmental Conservation, Region 9
700 Delaware Avenue
Buffalo, NY 14209

Subject: **Third Quarter 2024 Groundwater Monitoring Report (04/05/23-07/03/24)**
July 2024 Sampling Event
Former Scott Aviation Facility – West of Plant 2
Lancaster, New York
NYSDEC Site Code No. 9-15-149

Dear Mr. May:

On behalf of Scott Figgie LLC (successor to Scott Technologies, Inc.), AECOM Technical Services, Inc. (AECOM) is pleased to provide this third quarter 2024 Groundwater Monitoring Report for the former Scott Aviation Facility – West of Plant 2 area (Site) located in Lancaster, New York (**Figure 1**). Quarterly groundwater monitoring activities have been performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Administrative Order on Consent (AOC), Index No. B9-0377095-05, for the former Scott Aviation facility (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC for groundwater monitoring requirements. A monitoring schedule was implemented based on Table 17 presented in the Periodic Review Report (PRR) (April 12, 2023, through April 5, 2024), dated May 16, 2024, and the analyses performed on the groundwater sampled during this monitoring event were included in Table 16 of the May 16, 2024 PRR. Additionally, vapor samples were collected from the air stripper and dual phase extraction (DPE) liquid ring vacuum pump sampling discharge ports as part of the July 2024 sampling event, to ensure that the vapor effluent was in compliance with NYSDEC vapor discharge guidance criteria. Included in this report are a description of the project background, groundwater and vapor monitoring activities, operation and maintenance (O&M) activities for the combined groundwater DPE remediation system, and a summary of groundwater quality and vapor effluent results.

Project Background

Scott Aviation, Inc. was sold to Zodiac Acquisition Corporation in 2004, and the facility is now occupied by AVOX Systems Inc (AVOX). Per the purchase and sale agreement, the responsibility for the DPE groundwater remediation system located at 25A Walter Winter Drive, west of AVOX Plant 2, was retained for a designated period of years by Scott Technologies, Inc., the former parent company of Scott Aviation, Inc. Due to an organizational change, Scott Figgie LLC has replaced Scott Technologies, Inc. as the entity responsible under that agreement for the remediation of the subject site until the designated period ends. Scott Figgie has retained the services of AECOM for the ongoing O&M of the combined DPE remediation system and related groundwater monitoring activities.

AECOM conducted a site investigation during February 2003 in fulfillment of the document Site Investigation Work Plan dated December 31, 2002 (NYSDEC approval dated January 15, 2003). A comprehensive “Site Investigation Completion Report” (SICR) was submitted to NYSDEC on June 30, 2003; the report was approved by NYSDEC in August 2003. At the request of NYSDEC, AECOM prepared a “Remedial Design Work Plan” (RDWP) to complete the

additional remedial work recommended in the SICR. The RDWP was submitted to NYSDEC on November 21, 2003, and the document was approved by NYSDEC on January 5, 2004.

Per the approved RDWP, a DPE remediation system was installed at the site during the period February 2004 through May 2004, and the DPE system was initially started on May 14, 2004. The DPE system was combined with a pre-existing groundwater collection trench (GWCT) system that was started on March 1, 1996.

The objectives for this combined remediation system (collectively known as the combined DPE remediation system) include:

- Maintaining hydraulic capture of groundwater containing dissolved volatile organic compounds (VOCs) along the western Plant 2 property boundary,
- Inducing a depression in the water table surface and reversing the groundwater flow direction along the western Plant 2 property boundary, and
- Reducing VOC concentrations in perched groundwater and soil.

Figure 2 depicts the location of site groundwater monitoring wells and piezometers, DPE recovery wells and system piping, enclosed DPE system trailer, GWCT, and treatment building. **Figure 3** provides the process and instrumentation diagram for the combined DPE remediation system.

At the conclusion of the initial one-year O&M period (May 14, 2004, to July 19, 2005), a “Remedial Action Engineering Report” (RAER) was prepared to summarize the combined DPE remediation system as-built design, combined DPE remediation system start-up, O&M activities, and quarterly monitoring data, and to provide recommendations for continued system operation, system optimization, sampling frequency, and O&M. The 2005 RAER was submitted to NYSDEC on November 11, 2005. In a letter dated December 13, 2005, NYSDEC accepted the 2005 RAER and requested that site monitoring wells MW-4, MW-8R, and MW-16S be added to the quarterly site sampling schedule.

The second year of combined DPE groundwater remediation system operation was summarized in the 2006 RAER (July 20, 2005, through July 20, 2006) and was submitted to NYSDEC in November 2006. The third year of combined DPE groundwater remediation system operation was summarized in the 2007 RAER (July 21, 2006, through October 15, 2007) and was submitted to NYSDEC in January 2008. The fourth year of combined DPE groundwater remediation system operation was summarized in the 2008 RAER (October 15, 2007, through January 22, 2009) and was submitted to NYSDEC in April 2009. The fifth year of combined DPE groundwater remediation system operation was summarized in the 2009 RAER (January 22, 2009, through April 8, 2010) and was submitted to NYSDEC in June 2010.

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification has been, as of that correspondence, required for the site each calendar year, and is to include four quarters of groundwater sampling based on the current **Table 1**. **Table 1** is updated quarterly; the attached **Table 1** presents the groundwater monitoring schedule for the site from October 2024 through July 2025. The August 2010 NYSDEC letter also stated that, as of that correspondence, the RAER should be revised into a Periodic Review Report (PRR). Therefore, the sixth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 8, 2010, through April 7, 2011) and submitted to NYSDEC in June 2011. The seventh year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2011, through April 3, 2012) and submitted to NYSDEC in May 2012. The eighth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 3, 2012, through April 3, 2013) and submitted to NYSDEC in July 2013. The ninth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 3, 2013, through April 7, 2014) and submitted to NYSDEC in July 2014. The tenth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2014, through April 7, 2015) and submitted to NYSDEC in July 2015. The eleventh year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2015, through April 7, 2016) and submitted to NYSDEC in November 2016. The twelfth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2016, through April 20, 2017) and submitted to NYSDEC on May 30, 2017. The thirteenth year of combined DPE groundwater remediation system

operation was summarized in a PRR (April 20, 2017, through April 18, 2018) and submitted to NYSDEC on May 31, 2018. The fourteenth PRR (April 18, 2018, through April 8, 2019) was completed and submitted to NYSDEC on June 15, 2019; per NYSDEC comment letter dated August 2, 2019, the fourteenth PRR was revised and resubmitted on August 8, 2019. The fourteenth PRR was approved via email by NYSDEC on December 31, 2019. On June 25, 2020, AECOM submitted the fifteenth PRR to NYSDEC, which summarized the combined DPE groundwater remediation system operation between April 8, 2019, through April 10, 2020. On June 29, 2021, AECOM submitted the sixteenth PRR to NYSDEC, summarizing the combined DPE groundwater remediation system operation from April 10, 2020, through April 9, 2021. On June 3, 2022, AECOM submitted the seventeenth PRR to NYSDEC, which summarized the combined DPE groundwater remediation system operation between April 9, 2021, through April 8, 2022. On June 14, 2023, AECOM submitted the eighteenth PRR to NYSDEC, which summarized the combined DPE groundwater remediation system operation between April 8, 2022, through April 12, 2023. The most recent PRR (#19) was submitted on May 16, 2024 and summarized the combined DPE groundwater remediation system operation between April 12, 2023 through April 5, 2024. An IC/EC certification was included with each PRR except #15 through #19; NYSDEC informed AECOM via email that an IC/EC certification form was not auto-generated by the NYSDEC during those years, therefore, AECOM was asked to submit those PRRs using an edited version of the IC/EC certification issued for the period between April 8, 2019, through April 10, 2020.

Quarterly Groundwater Monitoring Activities – July 2024

AECOM personnel collected quarterly groundwater samples on July 1 and 2, 2024 (the vapor samples were collected on July 1, 2024), in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the NYSDEC August 2010 letter. July 2024 groundwater samples were collected from nine monitoring wells and piezometers (MW-2, MW-3, MW-4, MW-8R, MW-11, MW-13S, MW-13D, MW-16S, MW-16D), the GWCT, and the eight DPE wells (DPE-1, DPE-2, DPE-3, DPE-4, DPE-5, DPE-6, DPE-7, and DPE-8) (**Figure 2**). In addition, quality assurance/quality control samples were collected for VOC analysis including a duplicate sample (collected at MW-11), trip blank, and equipment rinse blank. Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs and total organic carbon (TOC) by Eurofins Environment Testing Northeast, LLC (EETNE) in Amherst, New York using United States Environmental Protection Agency (EPA) SW-846 Method 8260C and SW-846 Method 9060A, respectively.

Prior to the collection of groundwater samples, a complete round of groundwater levels was measured in all site monitoring wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on July 1, 2024. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each active monitoring well and nested piezometer pair is provided in **Appendix B**. Monitoring well MW-2 is screened across the shallow overburden groundwater zone while MW-3, MW-4, MW-8R, MW-9, and MW-11 are screened across both the shallow and deep overburden groundwater zones. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW-16S/D) are discretely screened with one piezometer screened in the shallow overburden groundwater zone ('S' designation) and one piezometer screened in the deep overburden groundwater zone ('D' designation). DPE wells DPE-1, DPE-3, DPE-5, DPE-6, and DPE-8 are screened in the shallow water-bearing unit, while DPE-2, DPE-4, and DPE-7 are screened in the deep water-bearing unit. The GWCT is installed in the deep overburden water-bearing unit.

Two groundwater surface contour figures for the July 2024 monitoring event are provided. The average water levels calculated for the nested piezometer pairs and monitoring wells, in conjunction with GWCT water level data, were used to generate the groundwater surface contours presented in **Figure 4**. **Figure 5** illustrates the groundwater surface contours using only monitoring well and deep piezometer and GWCT water level data.

Groundwater elevations measured from monitoring wells and piezometers on July 1, 2024, ranged from 685.02 feet above mean sea level (AMSL) at MW-15S to 671.21 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 0.18 feet lower in July 2024 when compared to the prior round of groundwater elevation measurements collected in April 2024. The decrease in groundwater elevations may be attributable to seasonal variations. Based on the July 2024 groundwater level measurements, the groundwater surface beneath the Site continues to exhibit inward flow towards the GWCT. As **Figures 4** and **5** illustrate, the GWCT induces groundwater flow reversal along the western AVOX Plant 2 property boundary. This reversal in groundwater flow provides

hydraulic capture of VOCs present in the shallow and deep overburden groundwater that might otherwise migrate off site.

Groundwater Quality Results – July 2024

Tables 3, 4 and **5** summarize VOC data for groundwater samples collected in July 2024 from the monitoring wells and piezometers, DPE wells, and GWCT, respectively. Note the duplicate sample was collected from MW-11, and both the trip blanks and the equipment rinse blank were non-detect for VOCs. The table below summarizes VOCs detected in groundwater above their detection limits, their respective concentration ranges, the number of detections, and the number of those detections that exceeded Site-specific groundwater Remedial Action Objectives (RAO) or groundwater criteria presented in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 (NYSDEC, June 1998, January 1999 errata sheet, April 2000 addendum, June 2004 addendum) protection for source of drinking water (groundwater) standards (i.e., water class GA); herein referred to as TOGS 1.1.1 groundwater standards. Note that in some cases the detection limits for certain VOCs were set above their respective RAO due to dilution factors (high concentration of target analyte[s]). Consistent with previous quarterly reports, the table below summarizes only monitoring well and piezometer results (DPE well and GWCT results are not included).

Groundwater Quality Results
July 2024

VOCs Detected in Groundwater	Concentration Range (micrograms per liter)	Number of Detections	RAO/TOGS 1.1.1 Exceedances
Chloroethane	0.39 – 1,400	7	5
Vinyl Chloride	1.2 – 23,000	6	5
cis-1,2-Dichloroethene	1.2 – 6,000	5	3
1,1-Dichloroethane	0.51 – 660	3	2
2-Butanone (MEK)	140 - 300	2	2
Acetone	18 - 67	2	1
Toluene	3.2	1	0

Seven VOCs were detected above their associated detection limits in groundwater from monitoring wells and piezometers sampled during the monitoring period. Six of the seven VOCs detected exceeded either the Site-specific RAOs or the TOGS 1.1.1 criteria for groundwater. The occurrences of constituents of potential concern were detected primarily in the vicinity of the former on-site source area. VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

The presence and distribution of trichloroethene (TCE) degradation products cis-1,2-dichlorethene (cis-1,2-DCE) and vinyl chloride (VC), and of 1,1,1-trichloroethane (1,1,1-TCA) degradation products 1,1-dichlorethane (1,1-DCA) and chloroethane, provides supportive evidence that the attenuation of TCE and 1,1,1-TCA continues to occur on the site via reductive dechlorination. The occurrence of these degradation products appears to be directly related to the historic distribution of TCE and 1,1,1-TCA in the subsurface. In addition, the virtual elimination of TCE and 1,1,1-TCA concentrations between third quarter 2015 and the current reporting period can be attributed to the injection pilot test performed in November 2014 using the injectate Anaerobic BioChem and zero valent iron (ABC+®), the injection treatment in April/May 2015 using ABC+®, the injection treatment in November 2018 using ABC-Ole+® (ABC-Ole+® is a mixture of Anaerobic BioChem, zero valent iron, and emulsified fatty acids), and the September 2021 bioaugmentation injection event using KB-1® Plus. For details of the various injection programs, refer to the NYSDEC-approved 2014 Injection Pilot Test Work Plan dated November 6, 2014, the NYSDEC-approved 2015 addendum to the 2014 Injection Pilot Test Work Plan dated April 28, 2015, and the NYSDEC-approved 2018 Injection Pilot Test Work Plan dated October 31, 2018. A summary of the November 2018 injection program was included in the 2019 PRR (August 8, 2019). A Work Plan for the September 2021 bioaugmentation injection event was submitted to the NYSDEC on September 1, 2021, and a summary of that event was submitted to the NYSDEC on December 28,

2021. Most recently, AECOM performed an electron donor injection per the NYSDEC-approved work plan dated March 2, 2023; a summary of the injection program was included in the 2023 PRR (June 14, 2023).

Historical trend plots for the wells sampled during this quarter for concentrations of TCE, cis-1,2-DCE, VC, 1,1,1-TCA, 1,1-DCA, and chloroethane are provided in **Appendix C**. 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 injection programs. Additionally, historical concentrations of VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment through the combined DPE remediation system. Because TCE has been considered the primary source of groundwater contamination at the site, a summary of historical and current TCE concentrations in groundwater for six of the nine monitoring wells and piezometers sampled in July 2024 is included in **Table 6** (TCE has never been detected in MW-2, MW-3, or MW-11). Recall that the DPE component of the combined remediation system was started May 14, 2004, and the injection of ABC+® occurred in November 2014 and April/May 2015, with a follow up injection of ABC-Ole+® in November 2018. A bioaugmentation injection was performed in September 2021. In addition, a chemical oxidation injection pilot test was performed between July and October 2010, and a second series of chemical oxidation injections were conducted between June and October 2011. Most recently, an electron donor injection was performed between March and July 2023.

Table 6 shows a summary of historical and current TCE concentrations. Based on the July 2024 groundwater data, there were no detections of TCE in the monitoring wells, but there were two detections of TCE in two of the eight DPE wells sampled (9.9 micrograms per liter [µg/L] in DPE-1 and 1.1 µg/L in DPE-6); refer to **Table 4** for a summary of the DPE groundwater analytical data. It is important to note that the November 2014 injections were centered on MW-4 and MW-8R, while the April/May 2015 and November 2018 injections included an expanded treatment area which also included MW-13S/D and MW-16S/D. The September 2021 bioaugmentation injections were centered on monitoring wells MW-8R and MW-16S/D, and DPE wells DPE-3, DPE-4, DPE-7, and DPE-8. The 2023 electron donor injection program centered around MW-16S and included injections at DPE-3, DPE-5, DPE-8 and two new shallow overburden injection wells located upgradient of MW-16S/D. Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004, and the subsequent injection events, indicate that VOC concentrations continue to decrease in overburden groundwater and soil at the site. In addition, based on the decreases in concentration of TCE at these targeted locations, as well as other locations with historical detections of TCE, the previous injection events appear to be contributing to the ongoing degradation of TCE. This is most clearly demonstrated on the TCE trend plots in **Figures 6** through **9** for monitoring wells MW-4, MW-8R, MW-13S, and MW-16S, respectively.

An electronic copy of the analytical laboratory data package for the July 2024 groundwater monitoring event is provided in **Appendix D**. A complete hard copy of the analytical data report can be made available to NYSDEC upon request.

Total Organic Carbon

Samples were collected for TOC analysis to monitor the concentration of organic carbon source available for optimum microbial growth. TOC analysis indicated that the 2023 electron donor injection program, which was centered around MW-16S, caused a large increase in TOC concentrations down gradient of the injection points. As a result, the location with the highest historical concentrations of contaminants of concern (MW-16S) has a TOC concentration of 371 milligrams per liter [mg/L], which is well above the minimum TOC concentration of 20 mg/L that is generally required to maintain effective reductive dechlorination. MW-4 and MW-8R have TOC concentrations of 273 mg/L and 29.6 mg/L, respectively. Refer to **Table 3** and **Table 4** for TOC concentrations detected in July 2024 from monitoring wells, piezometers, and DPE wells.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – July 2024

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on July 1, 2024. Summa canisters were used to collect the vapor samples from the permanent sample port located on the air stripper discharge stack and from the DPE liquid ring vacuum pump discharge stack.

Figure 3 shows the location of the vapor sample ports. The vapor samples were analyzed for VOCs using EPA Method TO-15 by EETNE in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – July 2024

The system vapor effluent results are summarized in **Table 7**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix D**. Ten VOCs were detected in the DPE liquid ring pump vacuum effluent, and 10 VOCs were detected in the AS unit effluent. The total VOCs discharged during the sampling event were approximately 581 micrograms per cubic meter in the combined DPE liquid ring vacuum pump and AS unit effluents. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.0002 pounds per hour (lb/hr), which is well below the NYSDEC discharge guidance value of 0.5 lb/hr.

Combined DPE Remediation System Operation and Maintenance

Throughout the duration of the reporting period, AECOM monitored system performance, conducted routine O&M, and was prepared to respond to potential system alarms and periodic breakdowns of the combined DPE remediation system.

Based on a system operational period from April 2, 2024 (second quarter 2024 Buffalo Sewer Authority [BSA] compliance sampling event) to July 1, 2024 (third quarter 2024 BSA compliance sampling event), the estimated total volume of groundwater (including potential water collected in the remediation building sump) treated and discharged by the AS unit to the local sanitary sewer was 124,527 gallons, at an average flow rate of 0.92 gallons per minute.

Green and Sustainable Remediation

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

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

During the third quarter 2024 groundwater sampling and reporting, the following GSR efforts were employed:

- Vehicle idling was reduced;
- Groundwater sampling pumps were powered by a battery instead of a gas-powered generator;
- Sample tubing was precisely measured as to not generate any excess which would contribute to additional waste;
- Groundwater purge rates were monitored in an effort to reduce purge water to be treated.
- Waste materials amendable for recycling (i.e., cardboard, glass, etc.) were disposed of in the proper recycling receptacle;

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

Summary

The GWCT and the DPE remediation system were on-line during the third quarter 2024 sampling event; DPE-6 remains off-line due to the presence of high concentrations of lime in the groundwater in the vicinity of this well that are the result of a historical soil remediation event. TCE was detected at DPE-1 at 9.9 µg/L and DPE-6 at 1.1 µg/L; there were no other detections of TCE in site monitoring wells or piezometers sampled (MW-2, MW-3, MW-4, MW-8R, MW-11, MW-13S, MW-13D, MW-16S and MW-16D), DPE wells sampled (DPE-2, DPE-3, DPE-4, DPE-5, DPE-7, and DPE-8), or the GWCT. Following the November 2014, April/May 2015 and November 2018 injection treatments, the September 2021 bioaugmentation injection event, and the most recent electron donor injection program (March-July 2023), significant reductions in TCE concentrations have been observed at MW-4, MW-8R, MW-13S, and MW-16S.

Based on the results of the July 2024 sampling event, the combined DPE remediation system continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. Vapor emissions produced by the system during the third quarter 2024 sampling event were well below the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event, fourth quarter sampling event, is planned for October 2024; a list of the proposed monitoring wells and piezometers to be sampled is included in **Table 1**.

If you have any questions regarding this submission, please do not hesitate to contact me at (716) 866-8222 or via e-mail at dino.zack@aecom.com.

Yours sincerely,

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\Enclosures

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Project File 60676130

Table 1

Proposed Groundwater Monitoring Schedule - October 2024 through July 2025
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

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

Notes:
MW-## - Monitoring Well
MW-##S - Shallow Piezometer
MW-##D - Deep Piezometer
DPE-## - Dual Phase Extraction Well
GWCT - Groundwater Collection Trench
* - Locations to be included for Monitored Natural Attenuation sampling
^ - Locations to be included for Volatile Fatty Acids sampling
+ - Location to be included for Gene-Trac (DHC, FGA, DHB) sampling

Table 2

Groundwater Monitoring Water Level Data - July 1, 2024
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Groundwater Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.61	680.49
MW-3	687.05	9.78	677.27
MW-4	686.50	10.62	675.88
MW-8R	686.29	8.10	678.19
MW-9	689.57	13.27	676.30
MW-11	688.61	9.71	678.90
Nested Piezometers			
MW-13S	686.65	6.23	680.42
MW-13D	686.78	8.40	678.38
MW-14S	685.74	6.42	679.32
MW-14D	685.88	14.67	671.21
MW-15S	687.87	2.85	685.02
MW-15D	687.87	11.56	676.31
MW-16S	688.15	6.63	681.52
MW-16D	688.16	11.07	677.09
Remedial System			
GWCT Manhole (rim)	687.22	21.40	665.82
DPE Wells			
DPE-1	687.17	16.50	670.67
DPE-2	685.32	20.85	664.47
DPE-3	685.98	16.50	669.48
DPE-4	686.00	15.00	671.00
DPE-5	686.91	16.90	670.01
DPE-6	687.53	1.20	686.33
DPE-7	685.92	21.45	664.47
DPE-8	686.03	15.55	670.48

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
GWCT - Groundwater Collection Trench
GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole
Locations re-surveyed on February 23, 2016

Table 3

Summary of Monitoring Well Analytical Data - July 2024
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-2	MW-3	MW-4	MW-8R	MW-11	Duplicate^
Date Collected	RAO/TOGS 1.1.1	07/02/24	07/02/24	07/01/24	07/01/24	07/01/24	07/01/24
Lab Sample ID	Objective	480-221314-1	480-221314-4	480-221314-5	480-221314-3	480-221314-2	480-221314-21
Volatile Organic Compounds by Method 8260 (µg/L)							
1,1-Dichloroethane	5*	< 4.0 U	**8.1**	< 20 U	< 5.0 U	**0.51 J**	< 20 U
2-Butanone (MEK)	50	< 40 U	< 10 U	**300**	< 50 U	< 10 U	< 200 U
Acetone	50	< 40 U	< 10 U	< 20 U	< 50 U	< 10 U	< 200 U
Chloroethane	5*	< 4.0 U	**0.39 J**	**150**	**9.1**	< 1.0 U	< 20 U
cis-1,2-Dichloroethene	5*	< 4.0 U	**1.7**	**22**	< 5.0 U	**1.2**	< 20 U
Toluene	5*	< 4.0 U	< 1.0 U	< 20 U	**3.2 J**	< 1.0 U	< 20 U
Vinyl chloride	5*	< 4.0 U	**14**	**27**	**8.0**	**1.2**	< 20 U
Total Volatile Organic Compounds	NL	0.0	24	499	25	2.9	0.0
Total Organic Carbon by Method 9060A (mg/L)	NL	21.9	2.1	273	29.6	2.3	NS

Table 3

Summary of Monitoring Well Analytical Data - July 2024
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-13S		MW-13D		MW-16S		MW-16D	
Date Collected	RAO/TOGS 1.1.1	07/01/24		07/01/24		07/02/24		07/02/24	
Lab Sample ID	Objective	480-221314-6		480-221314-7		480-221314-8		480-221314-9	
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	< 5.0	U	< 1.0	U	**660**	**J**	< 20	U
2-Butanone (MEK)	50	< 50	U	< 10	U	< 10,000	U	**140**	**J**
Acetone	50	< 50	U	**18**		< 10,000	U	**67**	**J**
Chloroethane	5*	**8.2**		**2.2**		**1,400**		**37**	
cis-1,2-Dichloroethene	5*	**300**		< 1.0	U	**6,000**		< 20	U
Toluene	5*	< 5.0	U	< 1.0	U	< 1,000	U	< 20	U
Vinyl chloride	5*	**360**		< 1.0	U	**23,000**		< 20	U
Total Volatile Organic Compounds	NL	668		20		31,060		244	
Total Organic Carbon by Method 9060A (mg/L)	NL	3.4		2.0		371		40.7	

Notes:
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
^ - Duplicate collected at MW-11.
* Site-specific RAO per ROD (November 1994).
Site-specific RAO's 1,1,1-Trichloroethane, Ethylbenzene, Toluene, and Xylenes were not detected above the reporting limit.
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
U - Not detected at or above reporting limit.
NL - Not listed.
NS - Not sampled.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data - July 2024
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-1		DPE-2		DPE-3		DPE-4		DPE-5		DPE-6		DPE-7		DPE-8	
Date Collected	RAO/TOGS 1.1.1	07/02/24		07/02/24		07/02/24		07/02/24		07/02/24		07/02/24		07/02/24		07/02/24	
Lab Sample ID	Objective	480-221314-10		480-221314-11		480-221314-12		480-221314-13		480-221314-14		480-221314-15		480-221314-16		480-221314-17	
Volatile Organic Compounds by Method 8260 (µg/L)																	
1,1-Dichloroethane	5*	**68**		1.0	U	200	U	20	U	10	U	**5.9**		**0.76**	**J**	**460**	
2-Butanone (MEK)	50	**200**		10	U	2,000	U	200	U	100	U	10	U	10	U	**700**	**J**
Acetone	50	**890**		10	U	2,000	U	200	U	**31**	**J**	10	U	**5.7**	**J**	4,000	U
Chloroethane	5*	20	U	1.0	U	200	U	20	U	**5.0**	**J**	1.0	U	**56**		400	U
Chloromethane	5	20	U	**0.35**	**J**	200	U	20	U	10	U	1.0	U	1.0	U	400	U
cis-1,2-Dichloroethene	5*	**99**		1.0	U	**7,700**		**770**		10	U	**4.7**		**1.5**		**31,000**	
Toluene	5*	**11**	**J**	1.0	U	200	U	20	U	10	U	1.0	U	1.0	U	400	U
Trichloroethene	5*	**9.9**	**J**	1.0	U	200	U	20	U	10	U	**1.1**		1.0	U	400	U
Vinyl chloride	5*	20	U	2.0	U	**5,000**		**650**		10	U	1.0	U	**5.9**		**7,700**	
Total Volatile Organic Compounds	NL	1,278		0.35		12,700		1,420		36		11.7		70		39,160	
Total Organic Carbon by Method 9060A (mg/L)	NL	229		6.3		384		54.0		54.6		1.8		7.5		966	

Notes:

Bold font indicates the analyte was detected.

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

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

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

U - Not detected at or above reporting limit.

NL - Not listed.

Table 5

Summary of Groundwater Collection Trench Analytical Data through July 2024
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole
Date Collected	RAO/TOGS 1.1.1	07/24/15	10/19/15	01/05/16	04/04/16	07/05/16	10/27/16	01/16/17	04/20/17
Lab Sample ID	Objective	480-84562-15	480-89674-20	480-93630-15	480-84562-15	480-102662-4	480-108538-2	480-112334-8	480-116720-15
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	**1.3**	**0.7**	< 1.0 U	**0.4 J**	< 1.0 U	< 1.0 U	< 1.0 U	**0.74 J**
2-Butanone (MEK)	50	**2.4 J**	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U
Acetone	50	**7.0 J**	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	< 1.0 U	< 1.0 U	**62**	**44**	**70**	**34**	**45**	**26**
Chlormethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	**1.1**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.74 J**
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	**0.99 J**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	12.8	0.7	63	44	70	34	45	27

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

Table 5

Summary of Groundwater Collection Trench Analytical Data through July 2024
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

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

Sample ID	Groundwater	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole
Date Collected	RAO/ TOGS 1.1.1	07/15/21	10/19/21	01/19/22	04/06/22	04/04/23	07/26/23	10/10/23	01/09/24
Lab Sample ID	Objective	480-187292-18	480-191095-10	480-194344-18	480-196479-18	480-207495-10	480-211209-5	480-213596-7	480-216331-13
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	< 1.0 U	**0.44 J**	< 1.0 U	< 1.0 U	**0.58 J**	< 1.0 U	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	**5.1 J**	< 10 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	**37**	**32**	**28**	**24**	**8.6**	**19**	**29**	**9.4**
Chloromethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.71 J**	< 1.0 U	< 1.0 U
Trichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	37	32	28	24	8.6	19.7	34.1	9.4

Table 5

Summary of Groundwater Collection Trench Analytical Data through July 2024
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

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

Notes:
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
U - Not detected at or above reporting limit.
NA - Not applicable

Table 6

Summary of Trichloroethene Concentrations Following November 2014 Injection Pilot Study
Former Scott Aviation Facility - West of Plant 2 Site
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	Jan 2015[1]	Apr 2015	Jul 2015	Oct 2015	Jan 2016	Apr 2016	Jul 2016	Oct 2016	Jan 2017	Apr 2017	Jul 2017	Oct 2017	Jan 2018	Apr 2018	Jul 2018	Oct 2018	Jan 2019	April 2019	July 2019	Oct 2019	Jan 2020
MW-2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
MW-3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-4	18,000	110	<100	<100	<100	<100	<20	<20	<20	<5	<20	<20	<5	<20	<5	<20	5.2	2.1	2.6	<4	<4
MW-6[2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS	NS	NS	NS
MW-8R	2,100	<2,000	200	<25	<1,000	<1,000	24	<100	<100	14	<400	7.7	NS	13	<10	<10	9.9	<40	<8	<10	<10
MW-10[2]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS	NS
MW- 11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<4	<1	<1	<1	<1	<1
MW-12[2]	NS	<1	<1	<1	<1	<5	<5	<1	<4	<1	<1	<1	<1	<4	<5	NS	NS	NS	NS	NS	NS
MW-13S	19,000	31,000	<500	<10	41	<100	<4	<2	2.1	0.26	<2	<5	<40	<40	<40	<40	<40	0.7	NS	NS	0.64
MW-16S	160,000	26,000	5,100	<4,000	<4,000	<4,000	<2,000	<500	<500	86	<1,000	<500	<1,000	<1,000	<1,000	<1,000	550	<1,000	<2,500	<1,000	<1,000

Well ID	Apr 2020	Jul 2020	Oct 2020	Jan 2021	Apr 2021	Jul 2021	Oct 2021	Jan 2022	Apr 2022	Jul 2022	Oct 2022	Jan 2023	Apr 2023	Jul 2023	Oct 2023	Jan 2024	Apr 2024	Jul 2024	TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
MW-2	<1	<1	<2	<1	<1	<2	<1	<2	<1	<2	<2	<2	<2	<1	<1	<1	<1	<4	ND	ND
MW-3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-4	<4	<4	<4	1.0	<4	<4	<4	<4	<1	<4	<4	<4	<4	<4	<20	<20	19	<20	ND	ND
MW-6[2]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-8R	<2	<4	<2	1.4	<10	<8	<25	<25	<8	5.5	<40	<40	<40	<40	<40	<40	<5	<5	ND	ND
MW-10[2]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW- 11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<2	<1	<1	ND	ND
MW-12[2]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13S	<1	<1	0.60	<1	0.77	<2	<2	<2	<2	2.2	<2	<2	<2	<2	<2	<2	<2	<5	ND	ND
MW-16S	<1	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	710	480	<1,000	<1,000	ND	ND

Notes:

(1) New baseline established following November 2014 injection pilot study.

(2) Well was decommissioned.

The injection of ABC+® occurred in November 2014 and April/May 2015.

The injection of ABC-Ole® with ZVI occurred in November 2018.

The bioaugmentation injection of KB-1® Plus and KB-1 ® Primer in September 2021.

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

ND - Not Detected

NA - Not Available

NS - Not Sampled

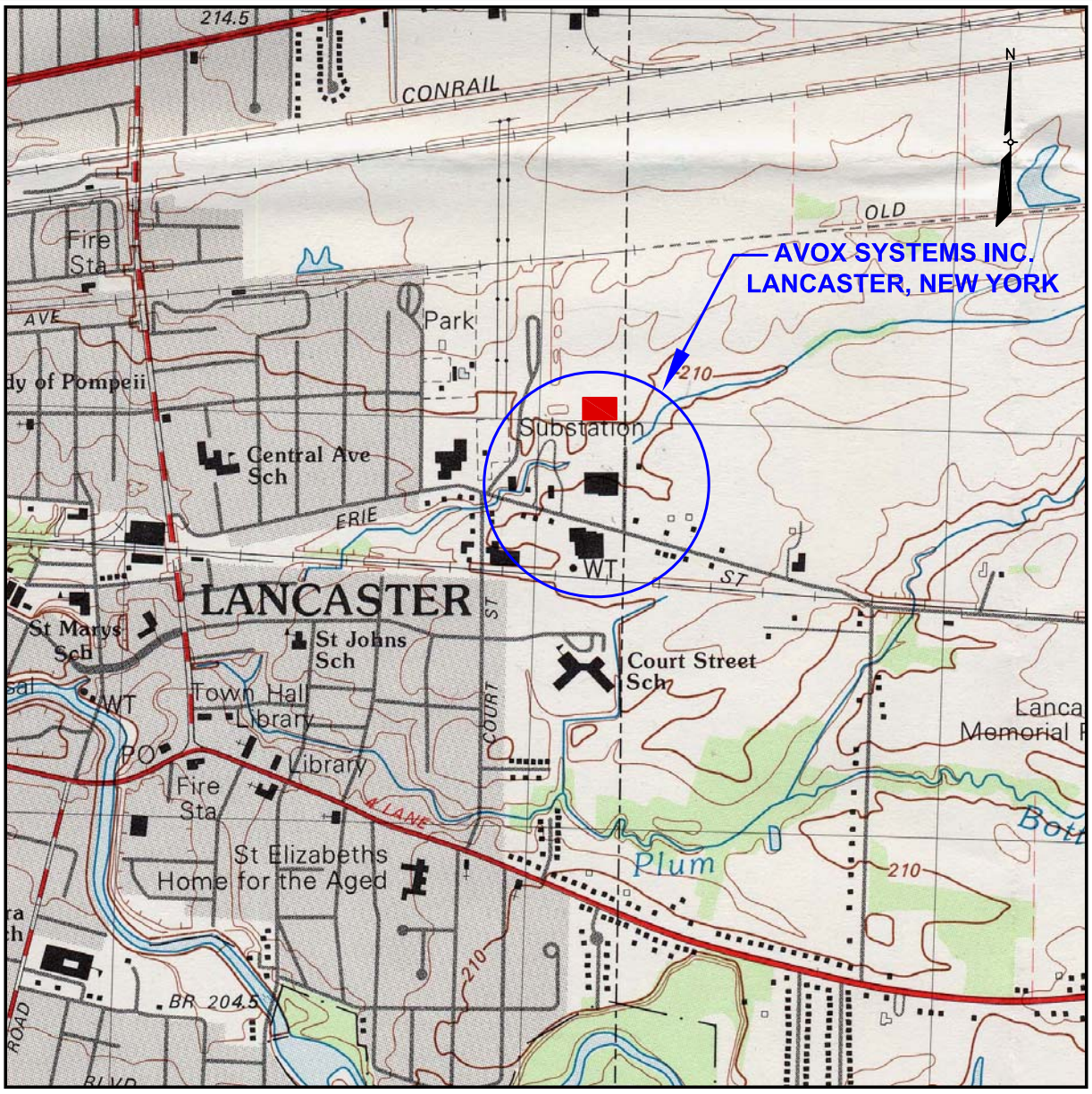
Table 7

Summary of Vapor Monitoring Results - July 2024
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	Sample ID:	LRP Effluent 3Q24	AS Effluent 3Q24
	Sample Date:	7/1/2024	7/1/2024
VOCs by Method TO-15 (µg/m^3)			
1,1-Dichloroethane		4.1	0.95
1,2-Dichloroethene, Total		220	130
Acetone		15	15
Carbon disulfide		1.7	1.6
Chloroethane		6.3	11
Chloromethane		1.5	1.3
Methyl Ethyl Ketone		6.9	8.1
Toluene		2.5	0.92
Trichloroethene		1.3	1.1
Vinyl chloride		120	32
Total Detected VOCs (µg/m^3)		379	202
Vacuum (inches Hg)		23	1.416
Air Flow Rate (acfm)		68.70	123.30
VOC discharge loading (lb/hr)		0.0000976	0.0000933
Total VOC discharge loading (lb/hr)		**0.000191**	

Notes:
1. µg/m^3 = micrograms per cubic meter
2. acfm = actual cubic feet per minute
3. Hg = Mercury
4. scfm = standard cubic feet per minute
5. lb/hr = pounds per hour
6. AS Effluent represents the untreated vapor discharge for the Air Stripper.

Qualifiers:
U - Not detected at or above reporting limit (reporting limit not included in the Total Detected VOCs).



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

LEGEND

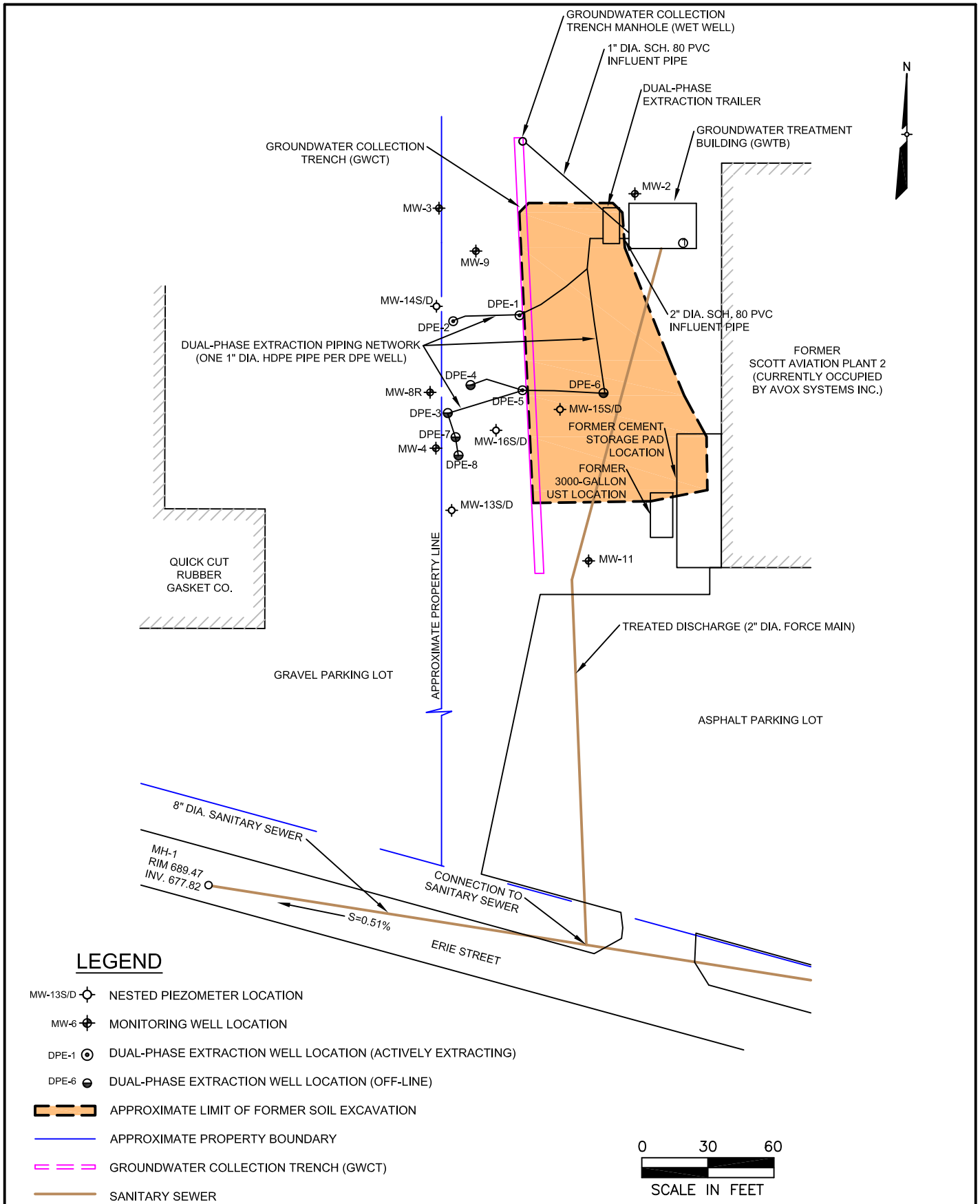
AVOX PLANT 3 ADDED AFTER PUBLICATION OF LANCASTER, NEW YORK TOPOGRAPHIC QUADRANGLE.

0 1000 2000
SCALE IN FEET

AECOM

FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



AECOM

FIGURE 2
WEST OF PLANT 2 SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

CONDENSATE RETURN LINES

VAPOR DISCHARGE TO ATMOSPHERE

OIL SEALED VACUUM BLOWER (LIQUID RING PUMP)

RECYCLE LINE

OIL FILTER RECYCLER

DUAL PHASE EXTRACTION TRAILER

PARTICULATE/LIQUID FILTER

DPE SYSTEM CONTROL PANEL

VAPOR / LIQUID PHASE SEPARATOR

H H
H L
L L

DPE-6 DPE-7 DPE-8

SPARE DPE-1 DPE-2 DPE-3 DPE-4 DPE-5

AUTO TRANSER PUMP

HOLD TANK

AUTO TRANSER PUMP

BAG FILTER #1

BAG FILTER #2

LEGEND

- DUAL PHASE EXTRACTION TRAILER
- GROUNDWATER TREATMENT BUILDING
- WATER
- AIR
- ELECTRIC
- H H HIGH HIGH
- H L HIGH LOW
- L L LOW LOW
- (T) TEMPERATURE GUAGE
- (P) PRESSURE GUAGE
- (G) FLOW GUAGE
- (V) VACUUM GUAGE
- (F) FLOW METER
- (S) SAMPLING PORT (MANUAL)
- BALL VALVE
- CHECK VALVE

VACUUM BLOWER

VAPOR DISCHARGE TO ATMOSPHERE

FLOOR SUMP

AIR BLEED VALVE

DROP TUBE

AIR STRIPPER SYSTEM CONTROL PANEL

AIR STRIPPER

GROUNDWATER TREATMENT BUILDING (GWTB)

DPE RECOVERY WELL (TYP)

SUBMURSIBLE PUMP

AUTO TRANSER PUMP

HEAT EXCHANGER (OFF-LINE)

GROUNDWATER COLLECTION TRENCH (GWCT) WET WELL

CONDENSATE RETURN LINES

TREATED WATER DISCHARGE TO SANITARY SEWER

FRESH AIR INTAKE

AECOM

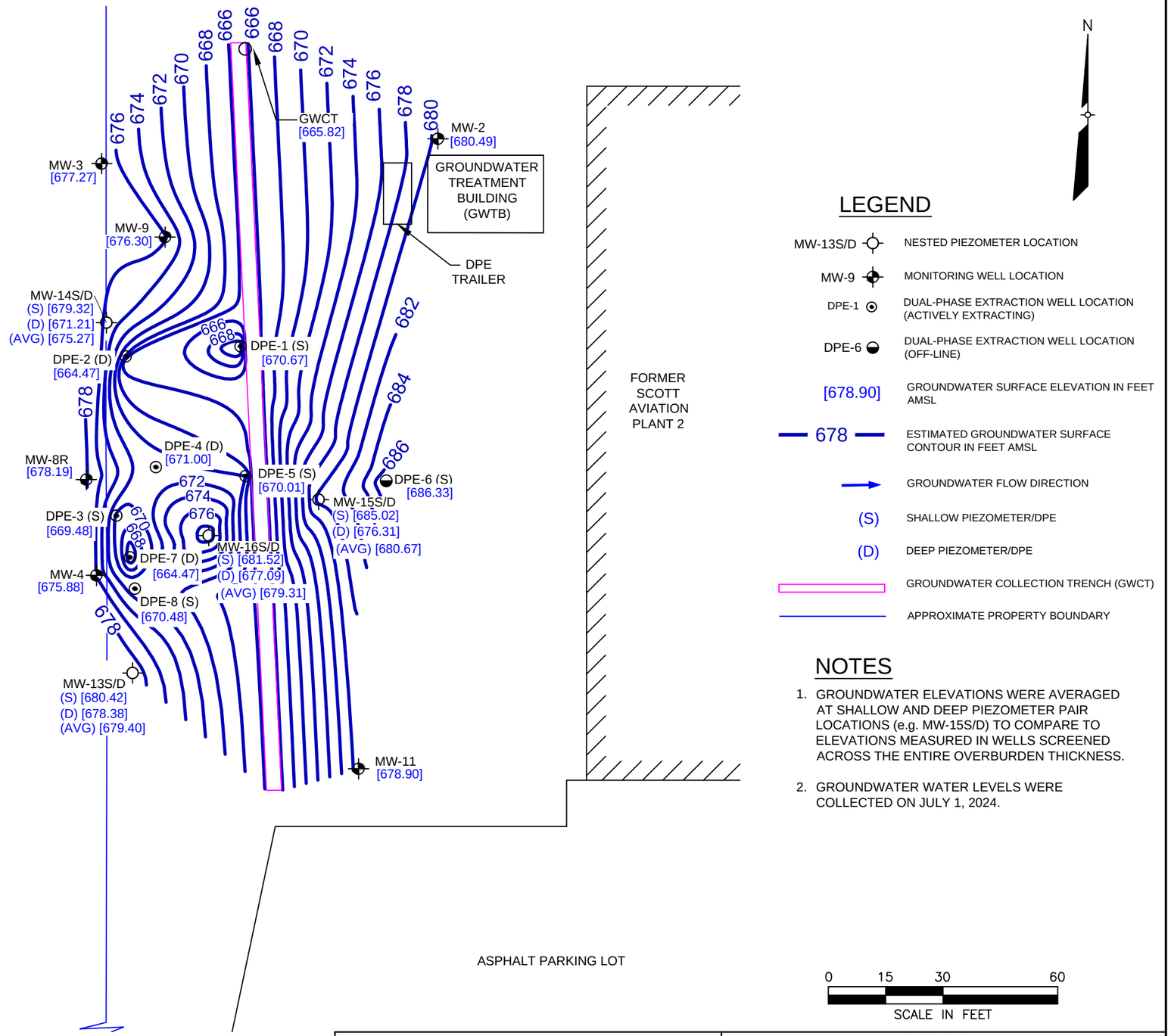
FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM FOR COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Groundwater Monitoring Water Level Data - July 1, 2024
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Groundwater Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.61	680.49
MW-3	687.05	9.78	677.27
MW-4	686.50	10.62	675.88
MW-8R	686.29	8.10	678.19
MW-9	689.57	13.27	676.30
MW-11	688.61	9.71	678.90
Nested Piezometers			
MW-13S	686.65	6.23	680.42
MW-13D	686.78	8.40	678.38
MW-14S	685.74	6.42	679.32
MW-14D	685.88	14.67	671.21
MW-15S	687.87	2.85	685.02
MW-15D	687.87	11.56	676.31
MW-16S	688.15	6.63	681.52
MW-16D	688.16	11.07	677.09
Remedial System			
GWCT Manhole (rim)	687.22	21.40	665.82
DPE Wells			
DPE-1	687.17	16.50	670.67
DPE-2	685.32	20.85	664.47
DPE-3	685.98	16.50	669.48
DPE-4	686.00	15.00	671.00
DPE-5	686.91	16.90	670.01
DPE-6	687.53	1.20	686.33
DPE-7	685.92	21.45	664.47
DPE-8	686.03	15.55	670.48

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NM - Not Measured
NA - Not Available
GWCT - Groundwater Collection Trench
GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole



NOTES

1. GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15S/D) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
2. GROUNDWATER WATER LEVELS WERE COLLECTED ON JULY 1, 2024.

0 15 30 60
SCALE IN FEET

AECOM

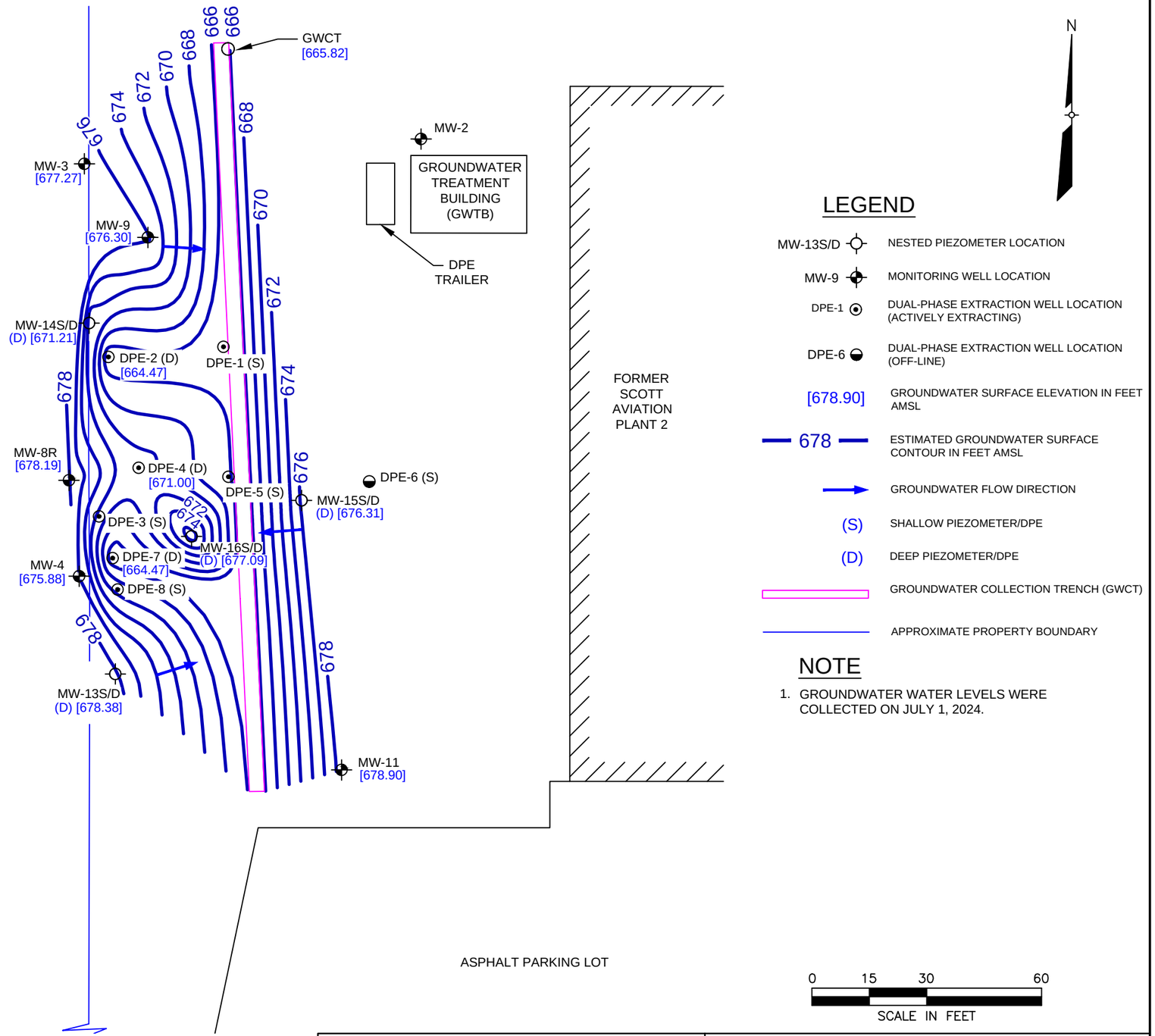
FIGURE 4
AVERAGE GROUNDWATER ELEVATIONS
JULY 1, 2024

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Groundwater Monitoring Water Level Data - July 1, 2024
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Groundwater Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.61	680.49
MW-3	687.05	9.78	677.27
MW-4	686.50	10.62	675.88
MW-8R	686.29	8.10	678.19
MW-9	689.57	13.27	676.30
MW-11	688.61	9.71	678.90
Nested Piezometers			
MW-13S	686.65	6.23	680.42
MW-13D	686.78	8.40	678.38
MW-14S	685.74	6.42	679.32
MW-14D	685.88	14.67	671.21
MW-15S	687.87	2.85	685.02
MW-15D	687.87	11.56	676.31
MW-16S	688.15	6.63	681.52
MW-16D	688.16	11.07	677.09
Remedial System			
GWCT Manhole (rim)	687.22	21.40	665.82
DPE Wells			
DPE-1	687.17	16.50	670.67
DPE-2	685.32	20.85	664.47
DPE-3	685.98	16.50	669.48
DPE-4	686.00	15.00	671.00
DPE-5	686.91	16.90	670.01
DPE-6	687.53	1.20	686.33
DPE-7	685.92	21.45	664.47
DPE-8	686.03	15.55	670.48

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NM - Not Measured
NA - Not Available
GWCT - Groundwater Collection Trench
GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole



NOTE

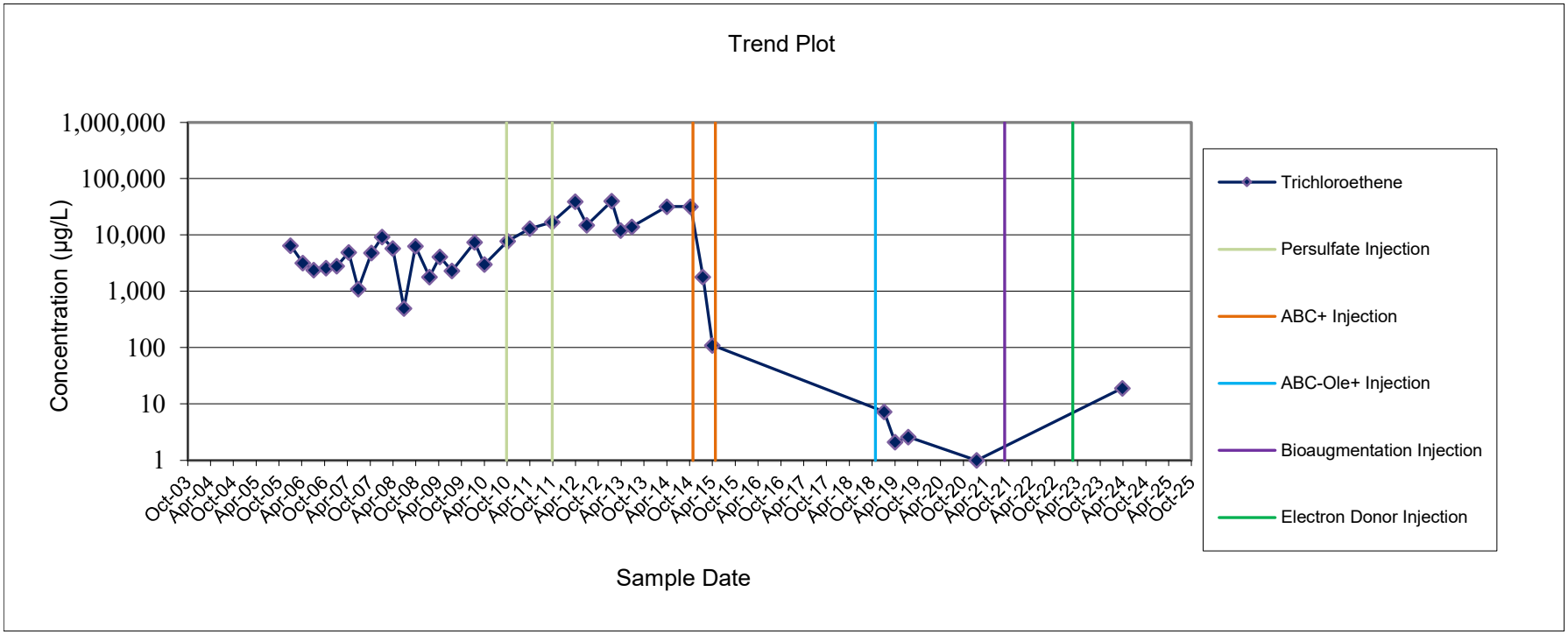
1. GROUNDWATER WATER LEVELS WERE COLLECTED ON JULY 1, 2024.

AECOM

FIGURE 5
DEEP GROUNDWATER ELEVATIONS
JULY 1, 2024

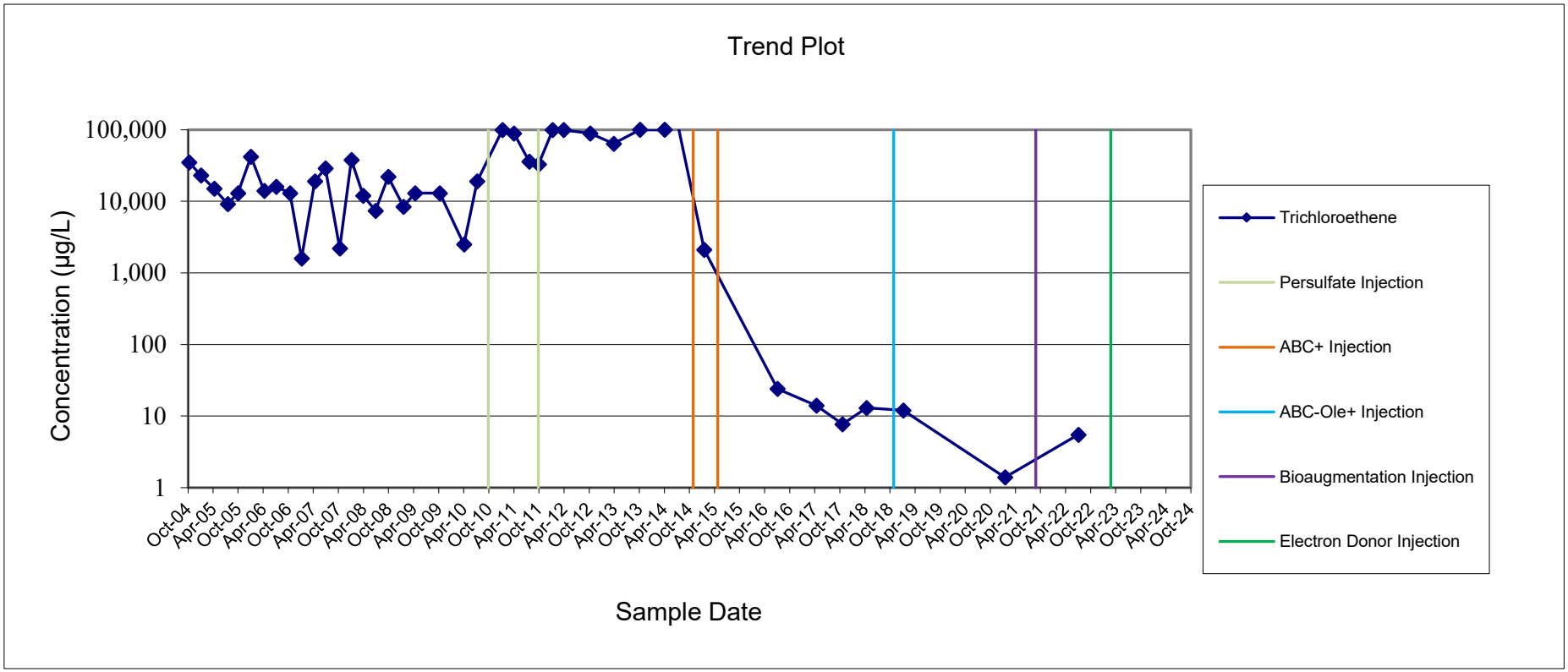
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

FIGURE 6
MONITORING WELL MW-4
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



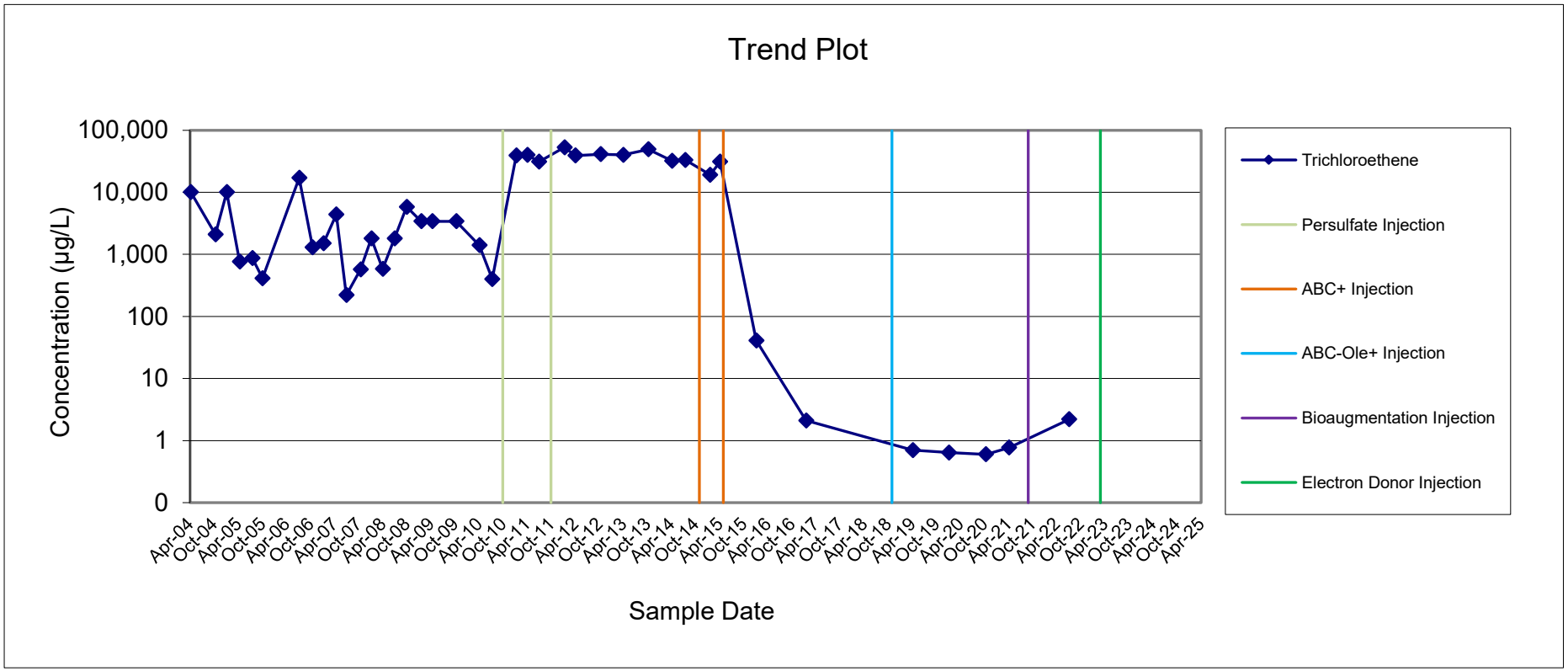
Note: TCE was last detected during the April 2024 sampling event.

FIGURE 7
MONITORING WELL MW-8R
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



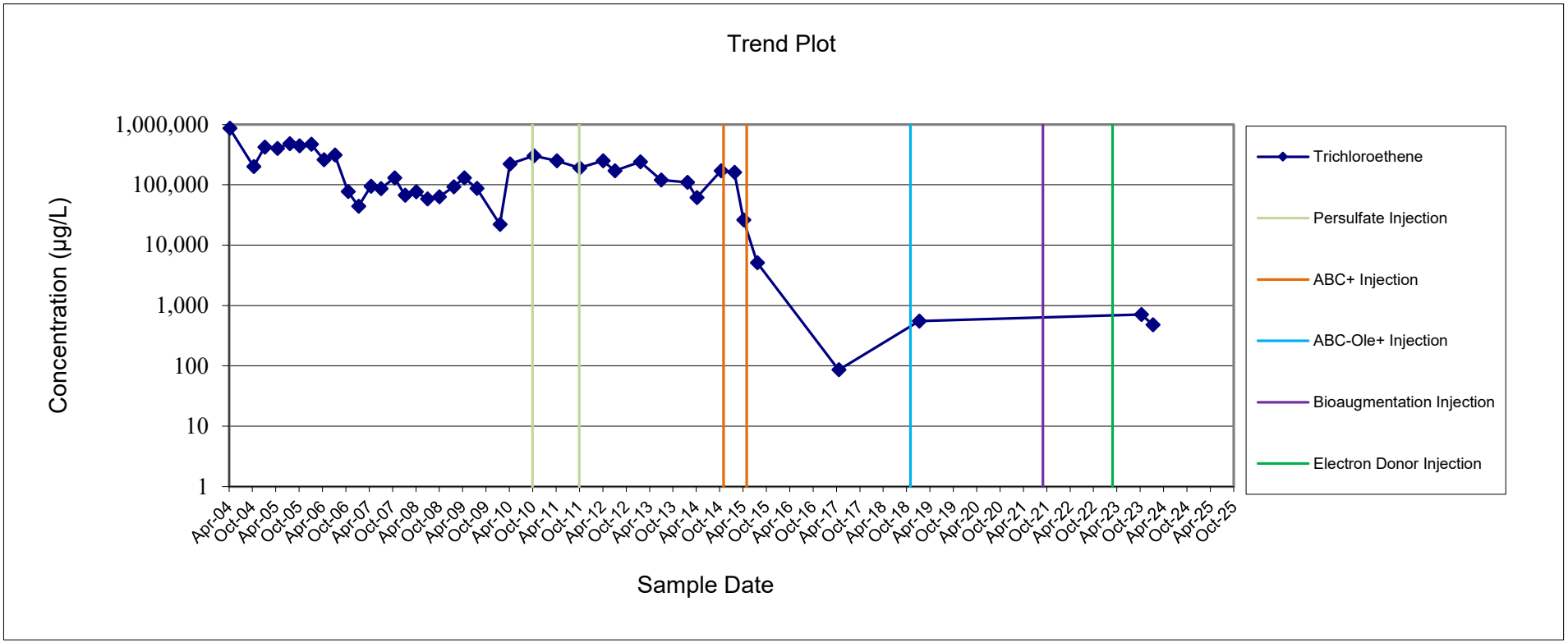
Note: TCE was last detected during the July 2022 sampling event.

FIGURE 8
MONITORING WELL MW-13S
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



Note: TCE was last detected during the July 2022 sampling event.

FIGURE 9
MONITORING WELL MW-16S
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



Note: TCE was last detected during the January 2024 sampling event.

Appendix A

July 2024 Field Forms

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/2/2024
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60676130**
Well ID #: MW-2
Upgradient: X Downgradient
Weather Conditions: Sunny
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.45 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 9.95 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.6 gal
3 Casing Volumes = 4.9 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2.0 gal

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.1 1/100 ft
Height of Riser (above land surface): 1.80 1/100 ft
Land Surface Elevation: 685.3 1/100 ft
Screened Interval (below land surface): 7-17 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Time (Military)	1015	1020	1025	1030	1035	1040	1045	1050
Depth to Groundwater Below Top of Casing (ft)	8.03	8.63	9.41	10.08	10.68	11.37	11.81	12.32
Drawdown (ft)	-1.58	-0.60	-0.78	-0.67	-0.60	-0.69	-0.44	-0.51
pH (S.U.)	6.85	6.65	6.72	6.61	6.62	6.65	6.66	6.67
Sp. Cond. (mS/cm)	1.737	1.725	1.037	1.156	1.480	1.672	1.693	1.681
Turbidity (NTUs)	6.77	7.45	35.31	10.28	7.33	9.96	10.20	9.73
Dissolved Oxygen (mg/L)	0.71	0.30	0.19	0.19	0.17	0.13	0.11	0.10
Water Temperature (°C)	13.9	14.2	14.9	15.2	14.8	14.5	14.3	14.2
ORP (mV)	-58.4	-69.6	-66.6	-58.4	-69.2	-77.0	-78.2	-77.7

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

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

COMMENTS/OBSERVATIONS: Start purge at 10:11hrs.
Sampled at 10:50 hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/2/2024
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60676130**
Well ID #: MW-3
Upgradient: ___ X Downgradient
Weather Conditions: Sunny
Air Temperature: 67 ° F
Total Depth (TWD) Below Top of Casing = 28 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 10.21 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 17.79 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.9 gal
3 Casing Volumes = 8.7 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2.0 gal

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.05 1/100 ft
Height of Riser (above land surface): 1.45 1/100 ft
Land Surface Elevation: 685.60 1/100 ft
Screened Interval (below land surface): 7.5 - 27.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200		
Time (Military)	0920	0925	0930	0935	0940	0945		
Depth to Groundwater Below Top of Casing (ft)	11.62	12.79	13.33	13.62	13.87	13.98		
Drawdown (ft)	-1.41	-1.17	-0.54	-0.29	-0.25	-0.11		
pH (S.U.)	7.21	7.19	7.19	7.19	7.19	7.19		
Sp. Cond. (mS/cm)	1.106	1.103	1.100	1.093	1.091	1.091		
Turbidity (NTUs)	69.21	73.90	54.40	36.62	37.27	37.75		
Dissolved Oxygen (mg/L)	0.96	0.40	0.24	0.19	0.20	0.20		
Water Temperature (°C)	11.6	11.6	11.6	12.4	12.4	12.3		
ORP (mV)	-25.3	-33.1	-37.6	-41.4	-43.0	-42.5		

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

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

COMMENTS/OBSERVATIONS: Start purge at 09:16hrs.
Sampled at 09:45hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	7/1/2024	Casing Diameter	2 inches
Field Personnel	C. Horrocks	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	686.5 1/100 ft
Job #	**60676130**	Height of Riser (above land surface)	-0.39 1/100 ft
Well ID #	MW-4	Land Surface Elevation	686.89 1/100 ft
	Upgradient X Downgradient	Screened Interval (below land surface)	15.5 - 25.5 1/100 ft
Weather Conditions	Sunny		
Air Temperature	65 ° F		
Total Depth (TWD) Below Top of Casing =	26 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	10.25 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	15.75 1/100 ft		
1 Casing Volume (OCV) = LWC x	0.163 = 2.57 gal		
3 Casing Volumes =	7.70 gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	2.0 gal		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200		
Time (Military)	1050	1055	1100	1105	1110	1115		
Depth to Groundwater Below Top of Casing (ft)	10.80	12.21	14.10	15.82	17.32	18.5		
Drawdown (ft)	-0.55	-1.41	-1.89	-1.72	-1.50	-1.18		
pH (S.U.)	6.51	6.51	6.58	6.56	6.59	6.57		
Sp. Cond. (mS/cm)	2.887	3.005	2.920	2.859	2.882	2.854		
Turbidity (NTUs)	620	932	998	887	898	867		
Dissolved Oxygen (mg/L)	2.76	0.45	0.14	0.07	0.05	0.04		
Water Temperature (°C)	14.6	12.8	12.5	12.8	13.2	13.4		
ORP (mV)	-61.3	-96.2	-114.2	-120.0	-124.8	-124.4		

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

Physical appearance at sampling: Cloudy
Odor: Yes
Sheen/Free Product: None

COMMENTS/OBSERVATIONS: Start purge at 10:48hrs.
Sampled at 11:15hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	7/1/2024	Casing Diameter	4 inches
Field Personnel	C. Horrocks	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	686.29 1/100 ft
Job #	**60676130**	Height of Riser (above land surface)	-0.29 1/100 ft
Well ID #	MW-8R	Land Surface Elevation	686.58 1/100 ft
	Upgradient X Downgradient	Screened Interval (below land surface)	14 - 24 1/100 ft
Weather Conditions	Cloudy		
Air Temperature	62 ° F		
Total Depth (TWD) Below Top of Casing =	27.5 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	8.03 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	19.47 1/100 ft		
1 Casing Volume (OCV) = LWC x	0.163 = 3.2 gal		
3 Casing Volumes =	9.52 gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	2.0 gal		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	
Time (Military)	1005	1010	1015	1020	1025	1030	1035	
Depth to Groundwater Below Top of Casing (ft)	8.39	9.62	10.83	11.71	12.53	13.4	13.52	
Drawdown (ft)	-0.36	-1.23	-1.21	-0.88	-0.82	-0.87	-0.12	
pH (S.U.)	7.33	7.21	7.22	7.22	7.21	7.21	7.21	
Sp. Cond. (S/cm)	1.587	1.509	1.517	1.524	1.517	1.521	1.525	
Turbidity (NTUs)	21.50	81.40	93.23	96.02	96.04	98.17	99.17	
Dissolved Oxygen (g/L)	2.42	0.42	0.24	0.19	0.17	0.17	0.17	
Water Temperature (°C)	14.2	13.7	14.1	14.6	14.5	14.9	14.9	
ORP (mV)	-120.0	-131.3	-136.9	-136.4	-133.4	-131.0	-128.7	

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

COMMENTS/OBSERVATIONS: Start purge at 10:02hrs.

Sampled at 10:35hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/1/2024
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60676130**
Well ID #: MW-11
X Upgradient ____ Downgradient
Weather Conditions: Sunny
Air Temperature: 61 ° F
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.63 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 18.87 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.1 gal
3 Casing Volumes = 9 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2.0 gal

Casing Diameter: 4 inches
Casing Material: PVC
Measuring Point Elevation: 688.61 1/100 ft
Height of Riser (above land surface): -0.26 1/100 ft
Land Surface Elevation: 688.87 1/100 ft
Screened Interval (below land surface): 8.5 - 28.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	Dup
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	201	201	202	202	203	
Time (Military)	0910	0915	0920	0925	0930	0935	0940	
Depth to Groundwater Below Top of Casing (ft)	9.91	10.29	10.67	10.93	11.13	11.32	11.45	
Drawdown (ft)	-0.28	-0.38	-0.38	-0.26	-0.20	-0.19	-0.13	
pH (S.U.)	6.52	6.57	6.60	6.60	6.60	6.61	6.61	
Sp. Cond. (S/cm)	5.472	5.397	5.122	5.065	5.086	5.099	5.078	
Turbidity (NTUs)	4.19	7.66	6.33	6.12	5.21	6.19	4.43	
Dissolved Oxygen (g/L)	2.31	0.58	0.36	0.26	0.26	0.30	0.32	
Water Temperature (°C)	13.9	13.0	12.9	12.8	12.9	13.0	12.9	
ORP (mV)	-31.3	-58.7	-69.1	-73.4	-73.8	-72.2	-68.2	

Physical appearance at start — Color: Clear; Odor: None; Sheen/Free Product: None

Physical appearance at sampling — Color: Clear; Odor: None; Sheen/Free Product: None

COMMENTS/OBSERVATIONS: Start purge at 09:06hrs.
Sampled at 09:40hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/1/2024
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60676130**
Well ID #: MW-13S
Upgradient: ____ X Downgradient
Weather Conditions: Sunny
Air Temperature: 69 ° F
Total Depth (TWD) Below Top of Casing = 16.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 5.62 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 10.88 1/100 ft
1 Casing Volume (OCV) = LWC x 0.041 = 0.4 gal
3 Casing Volumes = 1.33824 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2.0 gal

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 686.65 1/100 ft
Height of Riser (above land surface): -0.25 1/100 ft
Land Surface Elevation: 686.90 1/100 ft
Screened Interval (below land surface): 8.5-16.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Time (Military)	1220	1225	1230	1235	1240	1245	1250	1255
Depth to Groundwater Below Top of Casing (ft)	8.62	9.48	10.03	10.42	10.81	11.93	13.55	14.73
Drawdown (ft)	-3.00	-0.86	-0.55	-0.39	-0.39	-1.12	-1.62	-1.18
pH (S.U.)	7.06	7.00	6.98	6.97	7.00	6.98	6.99	6.99
Sp. Cond. (mS/cm)	1.375	1.403	1.426	1.431	1.425	1.416	1.337	1.373
Turbidity (NTUs)	90.77	80.14	87.13	158	153	122	112	116
Dissolved Oxygen (mg/L)	0.50	0.21	0.20	0.33	0.32	0.18	0.14	0.14
Water Temperature (°C)	12.5	12.8	12.6	12.6	12.5	12.1	12.2	12.2
ORP (mV)	-94.3	-94.4	-93.5	-96.2	-96.1	-112.4	-115.1	-111.0

Physical appearance at start: Color Sl. Cloudy; Odor None
Sheen/Free Product: None

Physical appearance at sampling: Color Sl. Cloudy; Odor None
Sheen/Free Product: None

COMMENTS/OBSERVATIONS: Start purge at 12:15hrs.
Sampled at 12:55hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/1/2024
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60676130**
Well ID #: MW-13D
Upgradient: ___ X Downgradient
Weather Conditions: Sunny
Air Temperature: 71 ° F
Total Depth (TWD) Below Top of Casing = 23.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.17 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 14.33 1/100 ft
1 Casing Volume (OCV) = LWC x 0.041 = 0.6 gal
3 Casing Volumes = 1.8 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2.0 gal

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 686.78 1/100 ft
Height of Riser (above land surface): -0.12 1/100 ft
Land Surface Elevation: 686.90 1/100 ft
Screened Interval (below land surface): 19.5-23.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	
Time (Military)	1310	1315	1320	1325	1330	1335	1340	
Depth to Groundwater Below Top of Casing (ft)	10.87	13.35	15.03	16.22	17.50	18.27	18.93	
Drawdown (ft)	-1.70	-2.48	-1.68	-1.19	-1.28	-0.77	-0.66	
pH (S.U.)	7.31	7.34	7.34	7.34	7.34	7.33	7.34	
Sp. Cond. (mS/cm)	1.266	1.259	1.265	1.271	1.270	1.271	1.271	
Turbidity (NTUs)	47.02	166	91.10	151	276	283	270	
Dissolved Oxygen (mg/L)	1.10	0.32	0.24	0.21	0.17	0.15	0.14	
Water Temperature (°C)	12.8	12.6	12.8	12.8	12.8	12.9	13.1	
ORP (mV)	-93.0	-96.9	-102.5	-106.4	-109.0	-109.1	-110.5	

Physical appearance at start — Color: Clear; Odor: None
Sheen/Free Product: None

Physical appearance at sampling — Color: Clear; Odor: None
Sheen/Free Product: None

COMMENTS/OBSERVATIONS: Start purge at 13:06hrs.
Sampled at 13:40hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	7/2/2024	Casing Diameter	1 inches
Field Personnel	C. Horrocks	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	688.15 1/100 ft
Job #	**60676130**	Height of Riser (above land surface)	2.46 1/100 ft
Well ID #	MW-16S	Land Surface Elevation	685.69 1/100 ft
	Upgradient X Downgradient	Screened Interval (below land surface)	12 - 18 1/100 ft
Weather Conditions	Sunny		
Air Temperature	61 ° F		
Total Depth (TWD) Below Top of Casing =	15.4 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	6.13 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	9.27 1/100 ft		
1 Casing Volume (OCV) = LWC x	0.041 = 0.4 gal		
3 Casing Volumes =	1.1 gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	0.50 gal		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150				
Time (Military)	0822	0825	0828	0831				
Depth to Groundwater Below Top of Casing (ft)	9.58	12.82	15.31	17.72				
Drawdown (ft)	-0.31	-3.24	-2.49	-2.41				
pH (S.U.)	6.84	6.66	6.75	6.78				
Sp. Cond. (mS/cm)	4.126	3.530	3.431	3.419				
Turbidity (NTUs)	84.92	63.59	111	159				
Dissolved Oxygen (mg/L)	5.25	0.89	0.57	0.39				
Water Temperature (°C)	14.0	12.4	12.5	12.6				
ORP (mV)	-100.3	-99.7	-116.4	-122.7				

Physical appearance at start — Color: Sl. Cloudy; Odor: Yes; Sheen/Free Product: None

Physical appearance at sampling — Color: Sl. Cloudy; Odor: Yes; Sheen/Free Product: None

COMMENTS/OBSERVATIONS: Start purge at 08:20hrs, dry at 08:33hrs.

Sampled at 11:50hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/2/2024
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60676130**
Well ID #: MW-16D
Upgradient: ___ X Downgradient
Weather Conditions: Sunny
Air Temperature: 62 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 11.88 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 12.12 1/100 ft
1 Casing Volume (OCV) = LWC x 0.041 = 0.5 gal
3 Casing Volumes = 1.5 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 1.5 gal

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 688.16 1/100 ft
Height of Riser (above land surface): 2.47 1/100 ft
Land Surface Elevation: 685.69 1/100 ft
Screened Interval (below land surface): 20-24 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	3	H_2SO_4, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	0840	0845	0850	0855	0900	0905		
Depth to Groundwater Below Top of Casing (ft)	NA	20.08	21.29	21.48	21.78	22.81		
Drawdown (ft)	NA	-8.20	-1.21	-0.19	-0.30	-1.03		
pH (S.U.)	6.92	6.89	6.89	6.86	6.79	6.79		
Sp. Cond. (mS/cm)	3.473	3.449	3.337	3.078	2.716	2.537		
Turbidity (NTUs)	922	520	313	294	242	240		
Dissolved Oxygen (g/L)	1.28	0.41	0.38	0.39	0.37	0.27		
Water Temperature (°C)	12.0	12.7	13.2	13.5	13.8	13.9		
ORP (mV)	-115.3	-134.1	-139.5	-139.4	-130.9	-126.8		

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

Physical appearance at sampling — Color: Sl. Cloudy; Odor: None; Sheen/Free Product: None

COMMENTS/OBSERVATIONS: Start purge at 08:37hrs, dry at 09:06hrs.
Sampled at 12:00hrs.

Appendix B

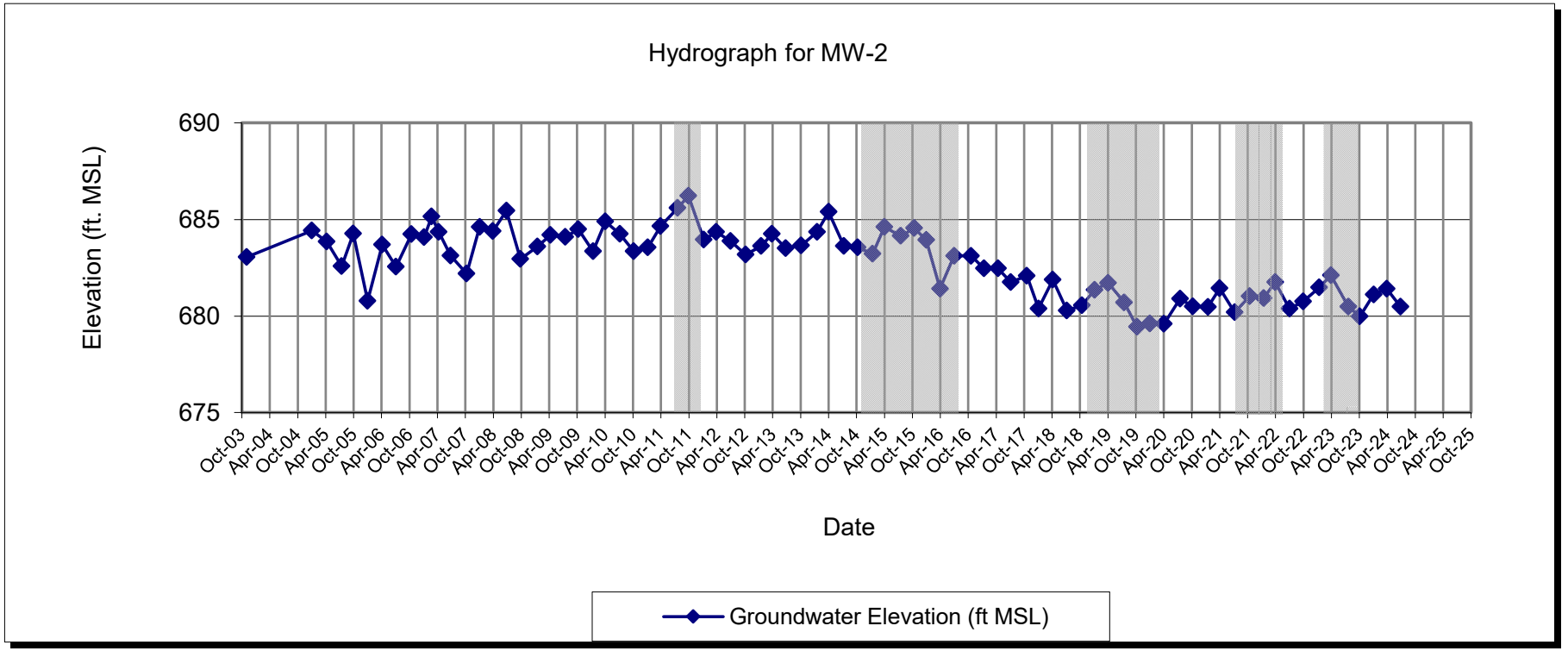
Current and Historical Summary of Groundwater Elevations

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

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

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

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

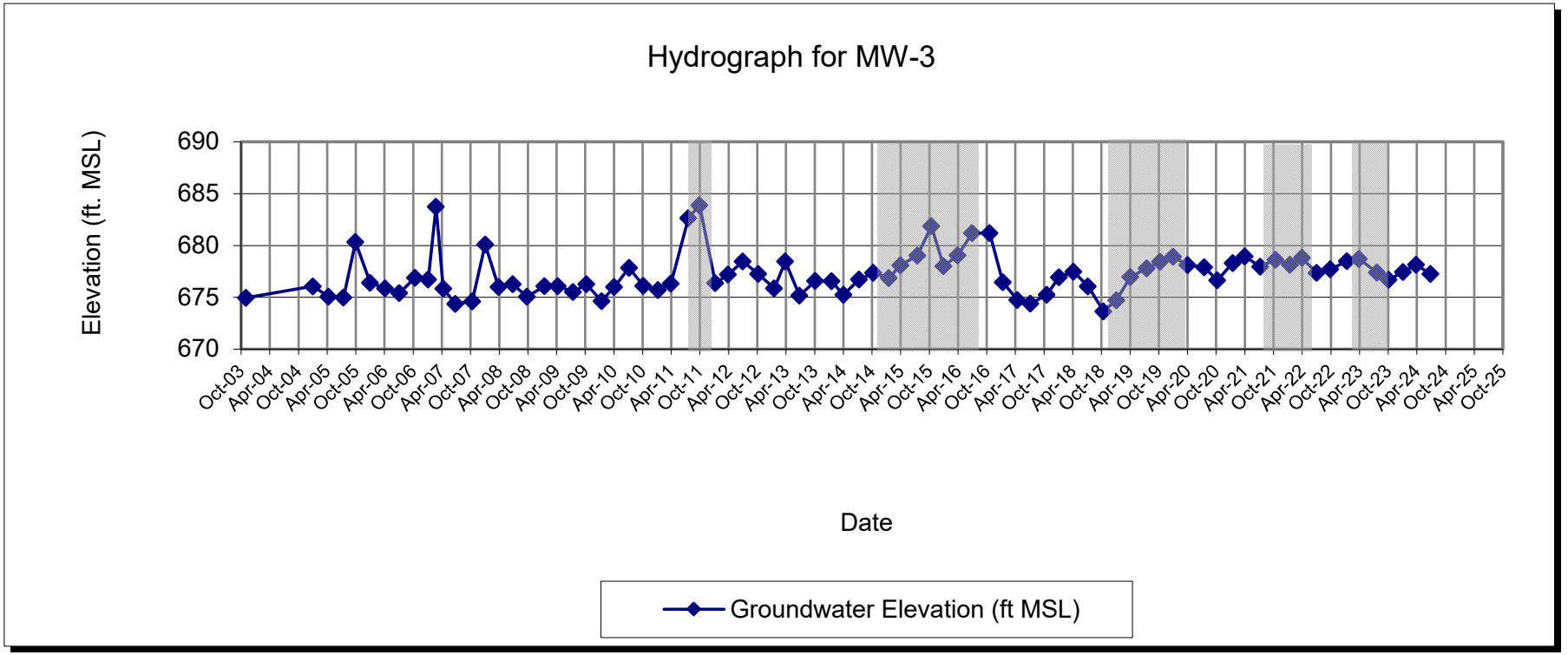


MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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

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

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



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

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

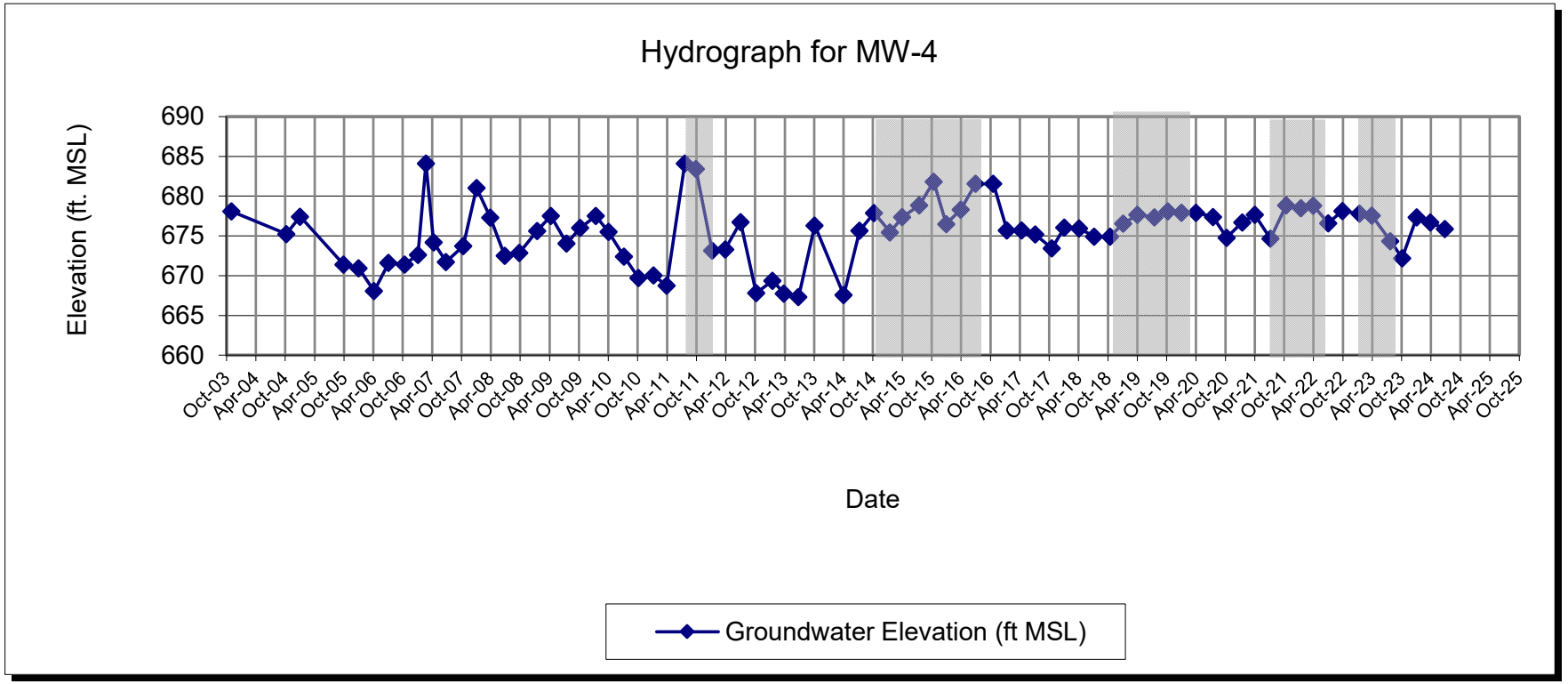
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at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

MONITORING WELL MW-4

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York

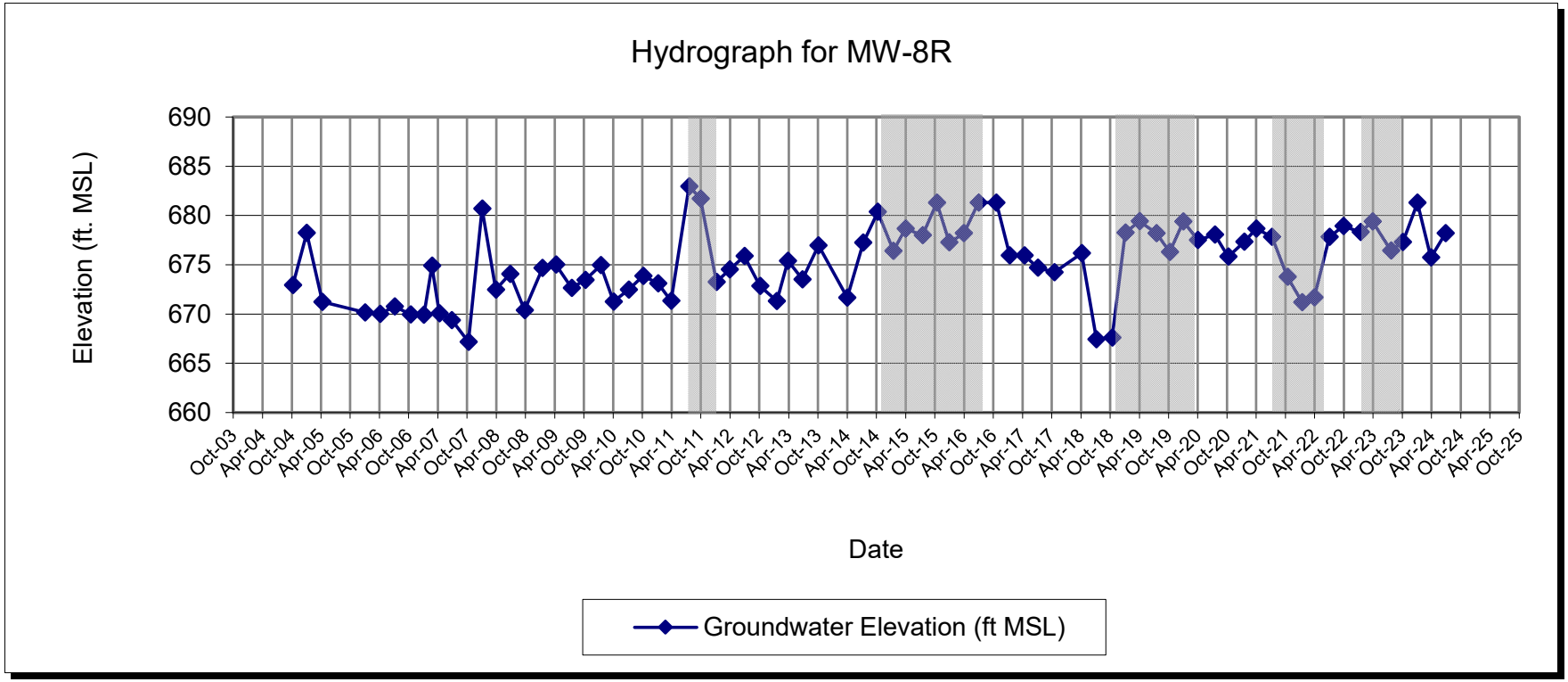


MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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

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

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



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.88	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.50	671.93
7/10/2006	13.24	672.19
10/18/2006	11.00	674.43
1/9/2007	12.24	673.19
2/28/2007	1.66	683.77
4/16/2007	13.15	672.28
7/2/2007	13.00	672.43
10/17/2007	13.95	671.48
1/8/2008	6.70	678.73
4/2/2008	10.61	674.82
7/1/2008	14.25	674.39
9/30/2008	15.67	672.97
1/19/2009	14.48	674.16
4/14/2009	15.48	673.16
7/21/2009	15.20	673.44
10/10/2009	15.06	673.58
1/18/2010	17.00	671.64
4/8/2010	15.40	673.24
7/12/2010	12.42	676.22
10/11/2010	14.21	674.43
1/12/2011	15.29	673.35
4/4/2011	14.55	674.09
7/25/2011	5.75	682.89
10/3/2011	4.58	684.06
1/12/2012	14.75	673.89
4/2/2012	14.52	674.12
7/5/2012	11.48	677.16
10/11/2012	12.66	675.98
1/21/2013	14.44	674.20
4/1/2013	11.87	676.77
7/1/2013	16.54	672.10
10/9/2013	13.68	674.96
1/21/2014	15.38	673.26
4/7/2014	16.30	672.34
7/16/2014	13.71	674.93
10/14/2014	13.09	675.55
1/20/2015	13.92	674.72
4/6/2015	12.41	676.23
7/22/2015	10.72	677.92
10/19/2015	7.06	681.58
1/5/2016	12.09	676.55
4/4/2016	11.38	678.19
7/5/2016	7.41	682.16
10/24/2016	7.41	682.16
1/16/2017	13.72	675.85
4/18/2017	14.24	675.85
7/11/2017	15.00	674.57
10/23/2017	14.84	674.73
1/8/2018	13.04	676.53
4/11/2018	13.20	676.37
7/12/2018	14.49	675.08
10/19/2018	14.21	675.36
1/9/2019	13.49	676.08
4/8/2019	12.85	676.72
7/22/2019	12.61	676.96
10/14/2019	11.83	677.74
1/6/2020	10.81	678.76
4/6/2020	12.25	677.32
7/21/2020	12.50	677.07
10/13/2020	14.72	674.85
1/19/2021	12.14	677.43
4/6/2021	11.26	678.31
7/13/2021	12.55	677.02
10/18/2021	11.69	677.88
1/18/2022	13.30	676.27
4/4/2022	12.10	677.47
7/7/2022	13.27	676.30
10/3/2022	12.42	677.15
1/17/2023	12.38	677.19
4/3/2023	12.38	677.19
7/28/2023	13.08	676.49
10/9/2023	14.40	675.17
1/8/2024	13.97	675.60
4/1/2024	13.44	676.13
7/1/2024	13.27	676.30

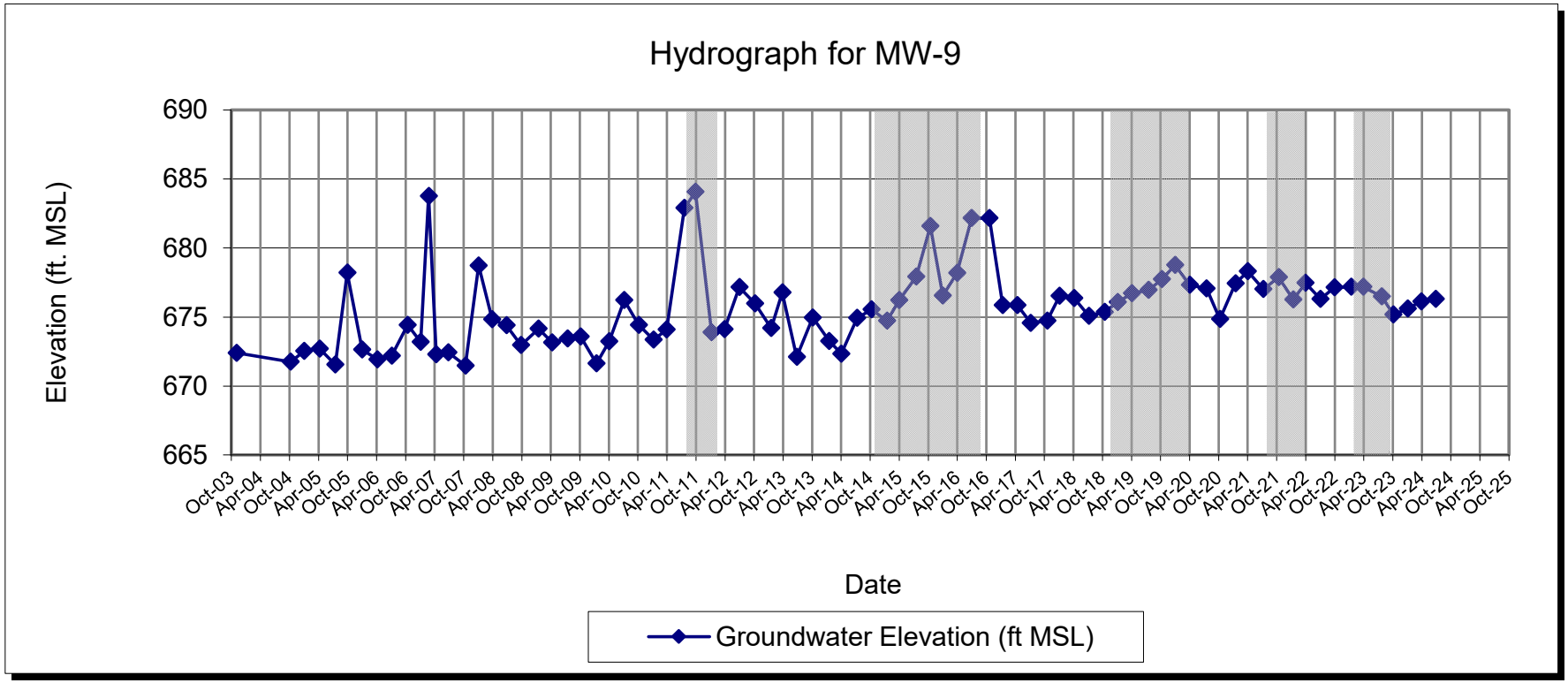
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at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

MONITORING WELL MW-9

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York

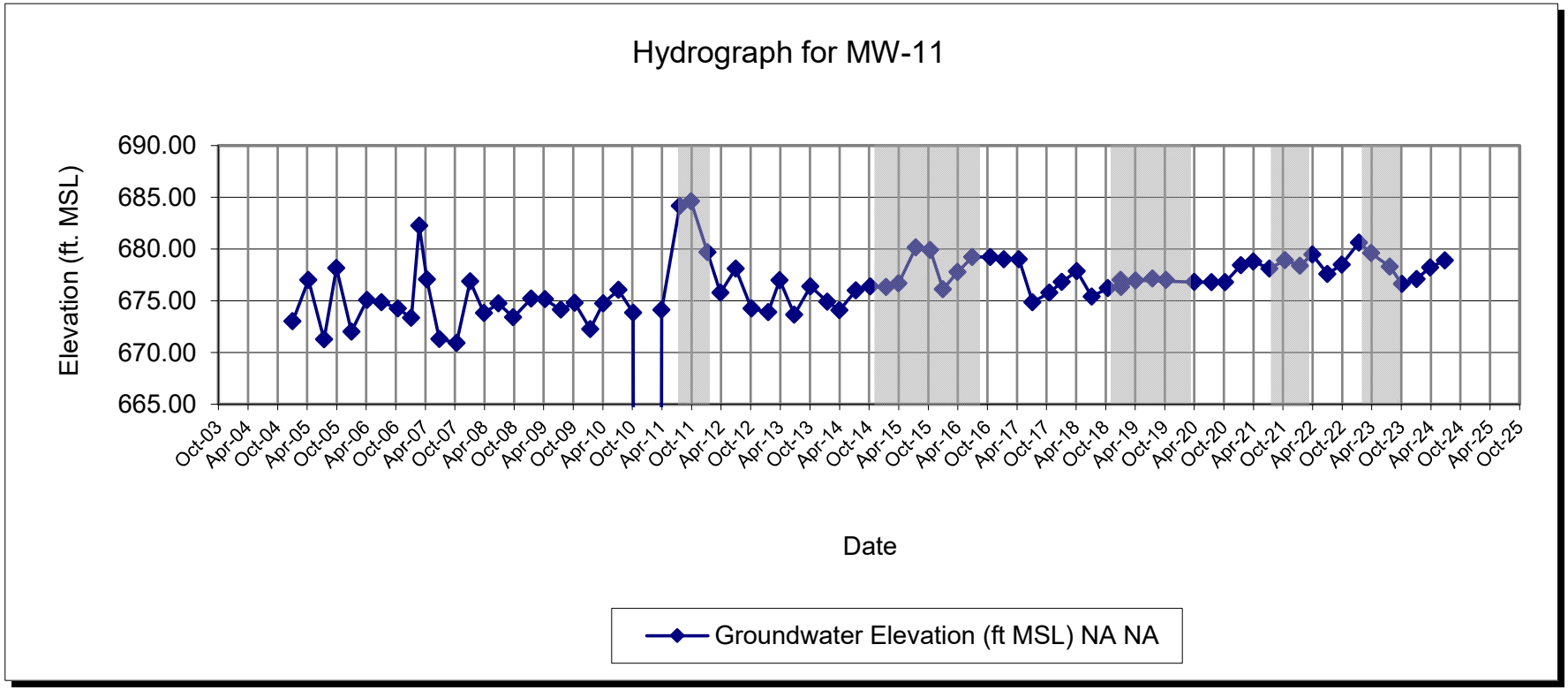


MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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

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

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



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

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

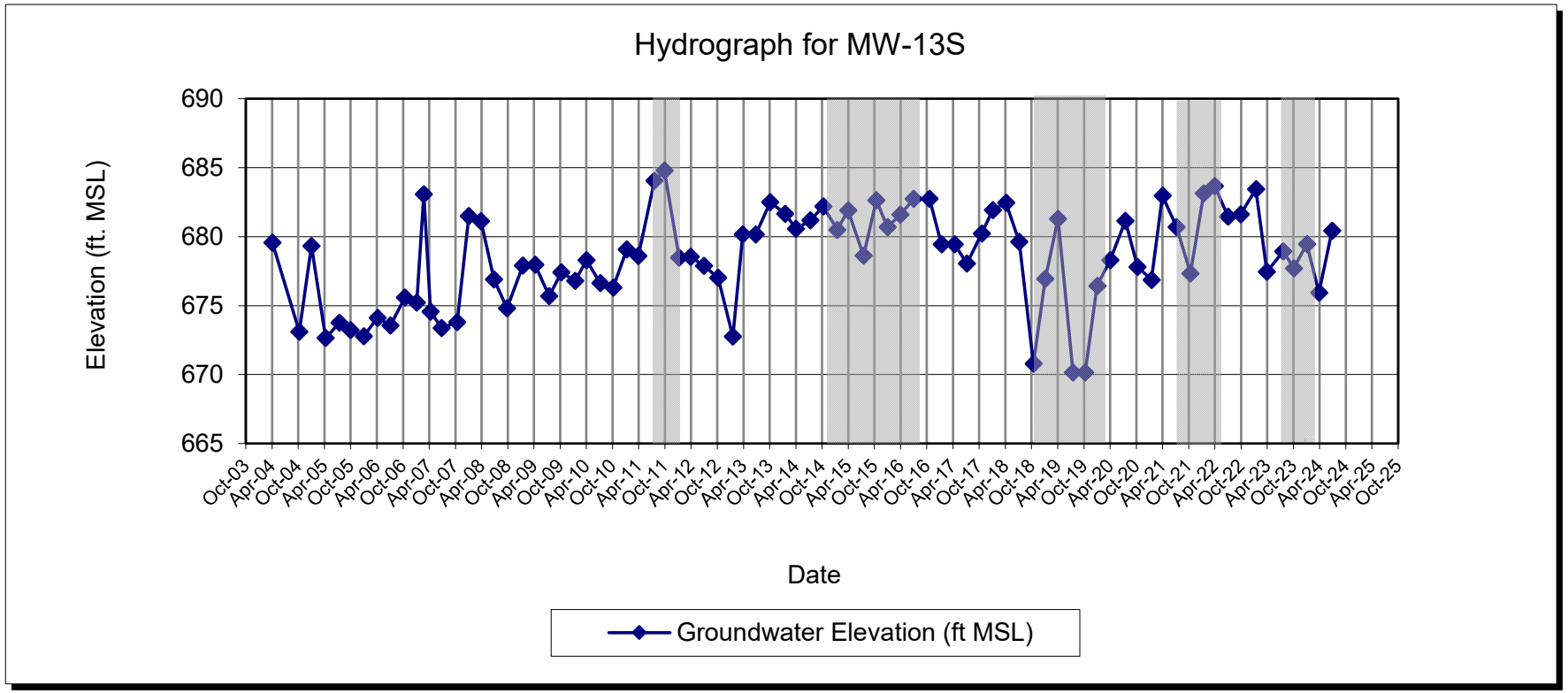
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.57
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at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

MONITORING WELL MW-13S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York

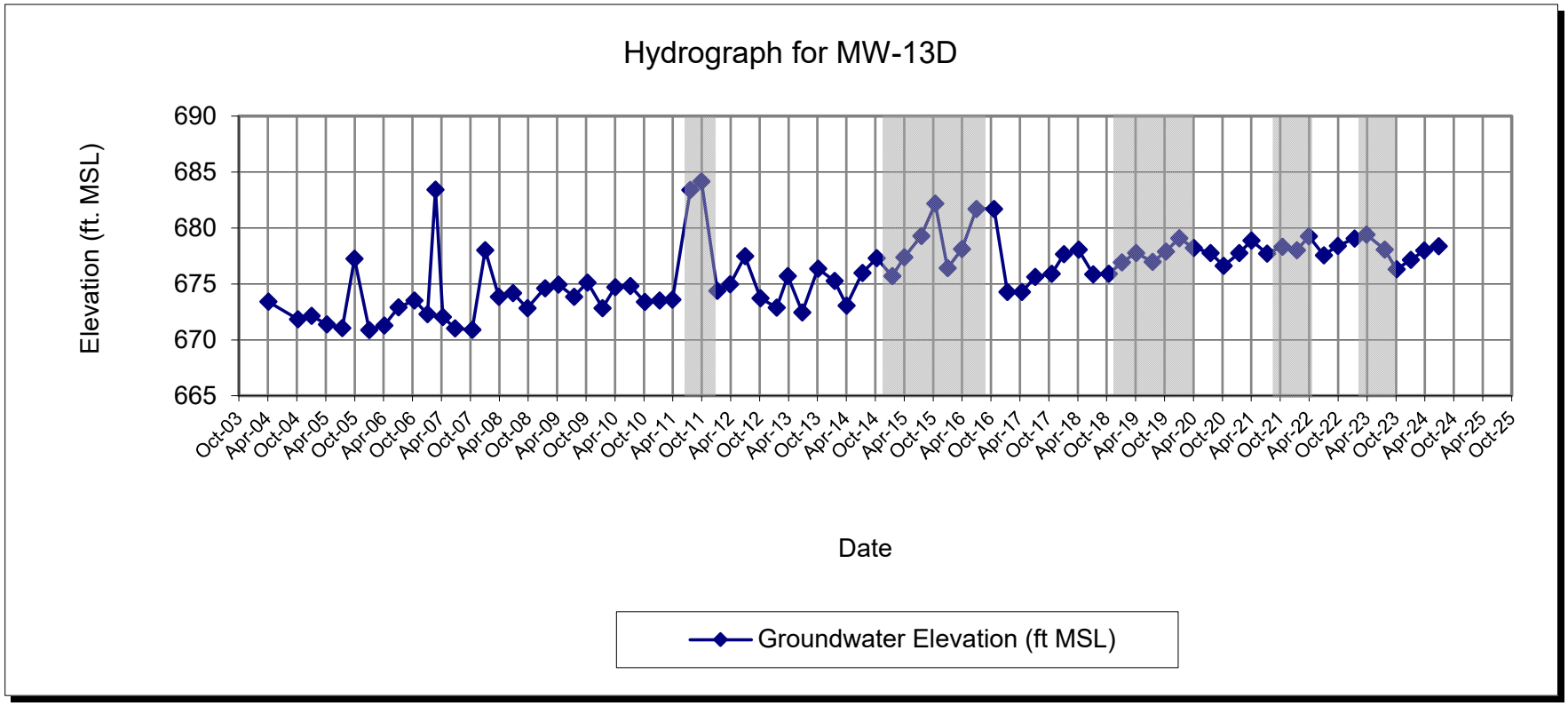


MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30
7/10/2006	13.79	672.92
10/18/2006	13.17	673.54
1/9/2007	14.41	672.30
2/28/2007	3.28	683.43
4/16/2007	14.66	672.05
7/2/2007	15.68	671.03
10/18/2007	15.80	670.91
1/8/2008	8.69	678.02
4/2/2008	12.86	673.85
7/1/2008	12.55	674.18
9/30/2008	13.89	672.84
1/19/2009	12.10	674.63
4/14/2009	11.78	674.95
7/21/2009	12.86	673.87
10/14/2009	11.59	675.14
1/18/2010	13.88	672.85
4/8/2010	12.00	674.73
7/12/2010	11.90	674.83
10/11/2010	13.34	673.39
1/12/2011	13.20	673.53
4/4/2011	13.13	673.60
7/25/2011	3.33	683.40
10/3/2011	2.55	684.18
1/12/2012	12.34	674.39
4/2/2012	11.76	674.97
7/5/2012	9.25	677.48
10/11/2012	13.00	673.73
1/21/2013	13.85	672.88
4/1/2013	11.01	675.72
7/1/2013	14.26	672.47
10/9/2013	10.36	676.37
1/21/2014	11.45	675.28
4/7/2014	13.65	673.08
7/16/2014	10.74	675.99
10/14/2014	9.41	677.32
1/20/2015	11.02	675.71
4/6/2015	9.35	677.38
7/22/2015	7.44	679.29
10/19/2015	4.55	682.18
1/5/2016	10.31	676.42
4/4/2016	8.65	678.13
7/5/2016	5.06	681.72
10/24/2016	5.06	681.72
1/16/2017	12.50	674.28
4/18/2017	10.10	674.28
7/11/2017	11.15	675.63
10/23/2017	10.87	675.91
1/8/2018	9.12	677.66
4/11/2018	8.70	678.08
7/12/2018	10.91	675.87
10/19/2018	10.86	675.92
1/9/2019	9.85	676.93
4/8/2019	9.00	677.78
7/22/2019	9.79	676.99
10/14/2019	8.87	677.91
1/6/2020	7.69	679.09
4/6/2020	8.54	678.24
7/21/2020	9.00	677.78
10/13/2020	10.16	676.62
1/19/2021	9.02	677.76
4/6/2021	7.90	678.88
7/13/2021	9.05	677.73
10/18/2021	8.45	678.33
1/18/2022	8.75	678.03
4/4/2022	7.52	679.26
7/7/2022	9.20	677.58
10/3/2022	8.38	678.40
1/17/2023	7.72	679.06
4/3/2023	7.35	679.43
7/27/2023	8.70	678.08
10/9/2023	10.47	676.31
1/8/2024	9.62	677.16
4/1/2024	8.78	678.00
7/1/2024	8.40	678.38

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

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

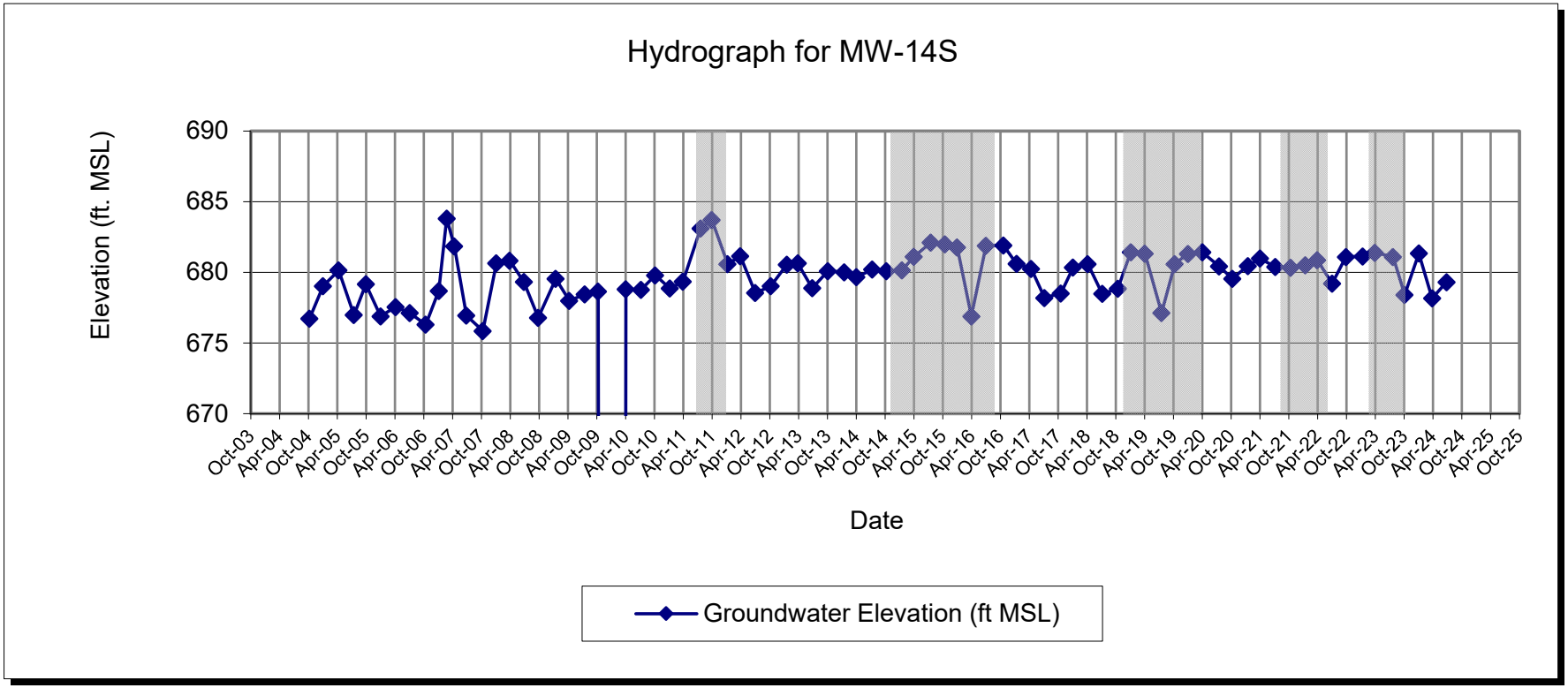


MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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

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

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

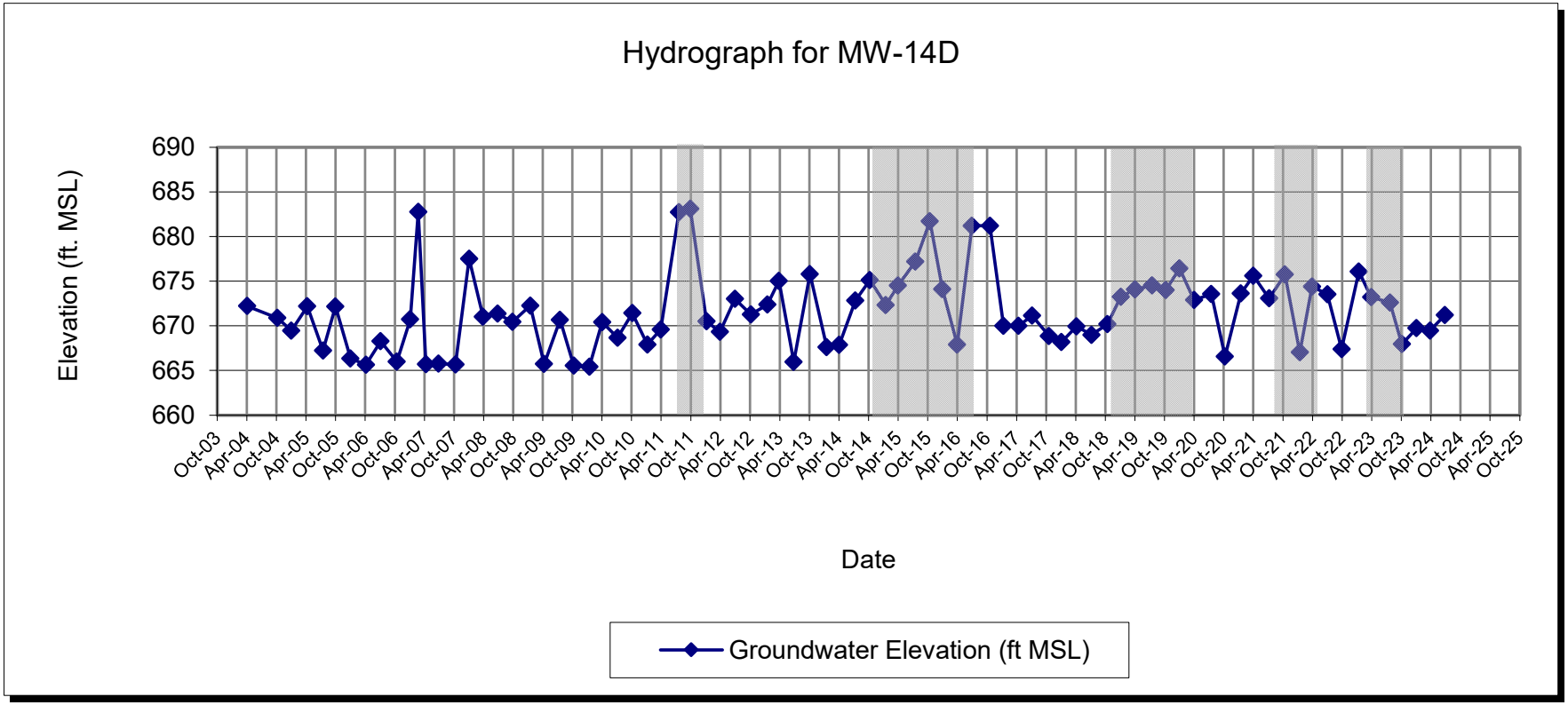


MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59
7/25/2011	3.10	682.72
10/3/2011	2.72	683.10
1/12/2012	15.30	670.52
4/2/2012	16.50	669.32
7/5/2012	12.81	673.01
10/11/2012	14.55	671.27
1/21/2013	13.45	672.37
4/1/2013	10.78	675.04
7/1/2013	19.85	665.97
10/9/2013	10.02	675.80
1/21/2014	18.20	667.62
4/7/2014	17.95	667.87
7/16/2014	12.99	672.83
10/14/2014	10.70	675.12
1/20/2015	13.49	672.33
4/6/2015	11.30	674.52
7/22/2015	8.62	677.20
10/19/2015	4.10	681.72
1/5/2016	11.70	674.12
4/4/2016	17.98	667.90
7/5/2016	4.67	681.21
10/24/2016	4.67	681.21
1/16/2017	15.89	669.99
4/18/2017	12.45	669.99
7/11/2017	14.74	671.14
10/23/2017	17.02	668.86
1/8/2018	17.69	668.19
4/11/2018	15.95	669.93
7/12/2018	16.90	668.98
10/19/2018	15.69	670.19
1/9/2019	12.62	673.26
4/8/2019	11.80	674.08
7/22/2019	11.35	674.53
10/14/2019	11.88	674.00
1/6/2020	9.44	676.44
4/6/2020	13.00	672.88
7/21/2020	12.31	673.57
10/13/2020	19.31	666.57
1/19/2021	12.24	673.64
4/6/2021	10.28	675.60
7/13/2021	12.80	673.08
10/18/2021	10.13	675.75
1/18/2022	18.85	667.03
4/4/2022	11.49	674.39
7/7/2022	12.35	673.53
10/3/2022	18.49	667.39
1/17/2023	9.80	676.08
4/3/2023	12.68	673.20
7/28/2023	13.27	672.61
10/9/2023	17.93	667.95
1/8/2024	16.15	669.73
4/1/2024	16.41	669.47
7/1/2024	14.67	671.21

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

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

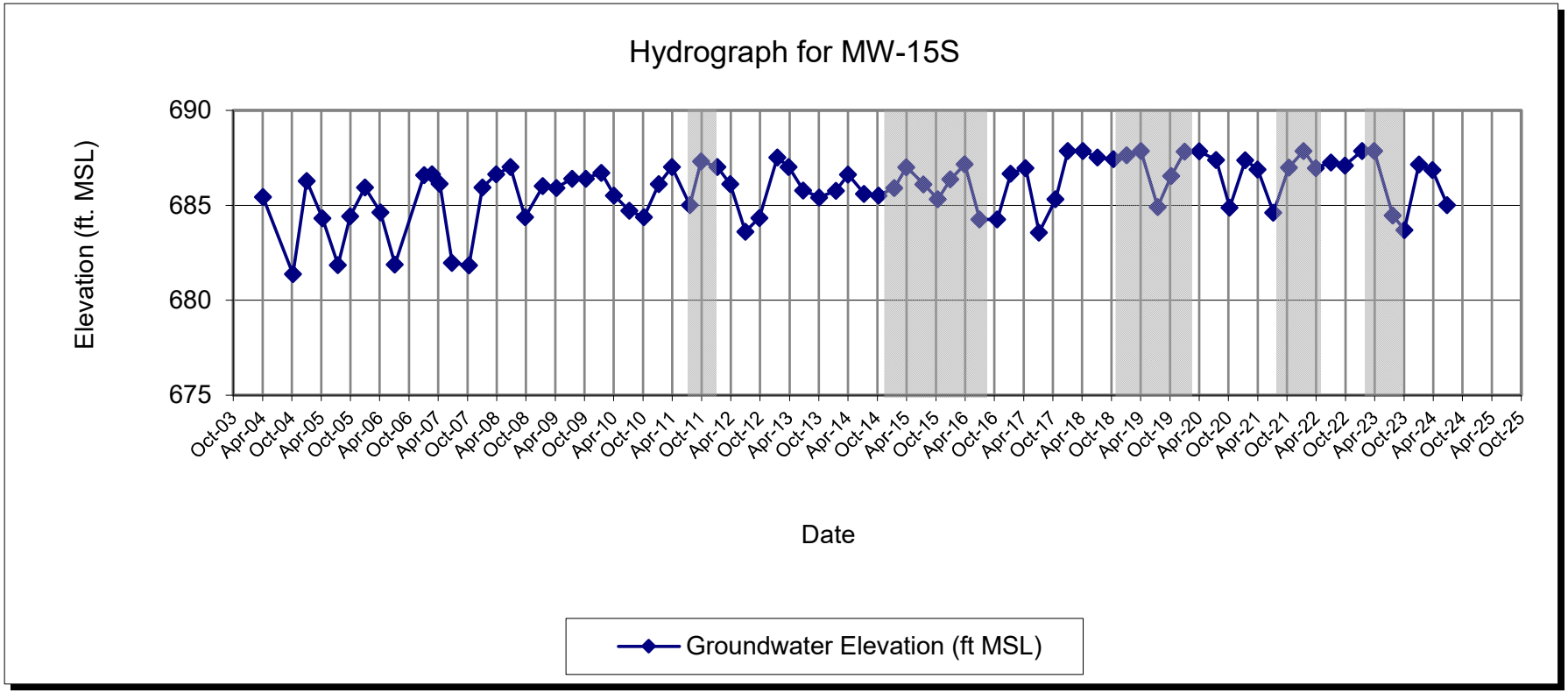


MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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

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

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

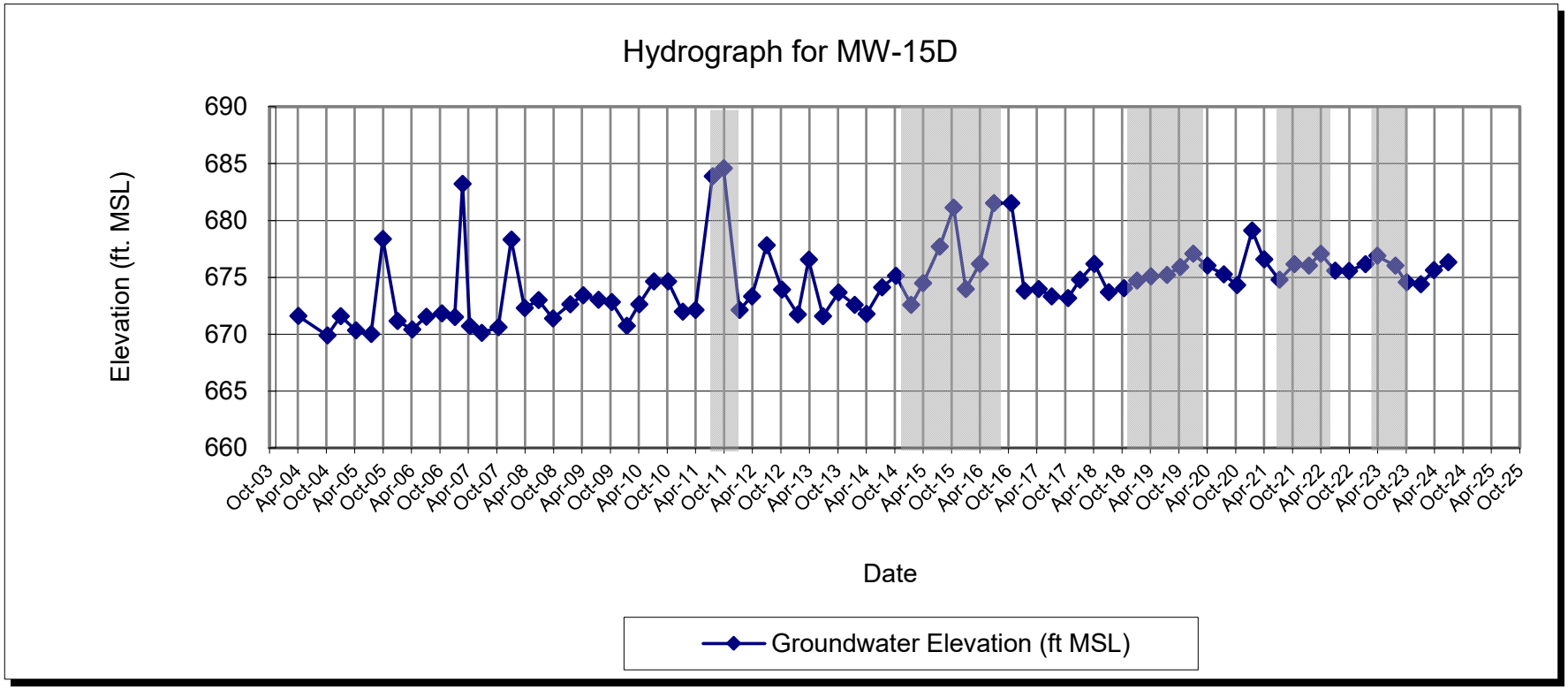


MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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

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

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

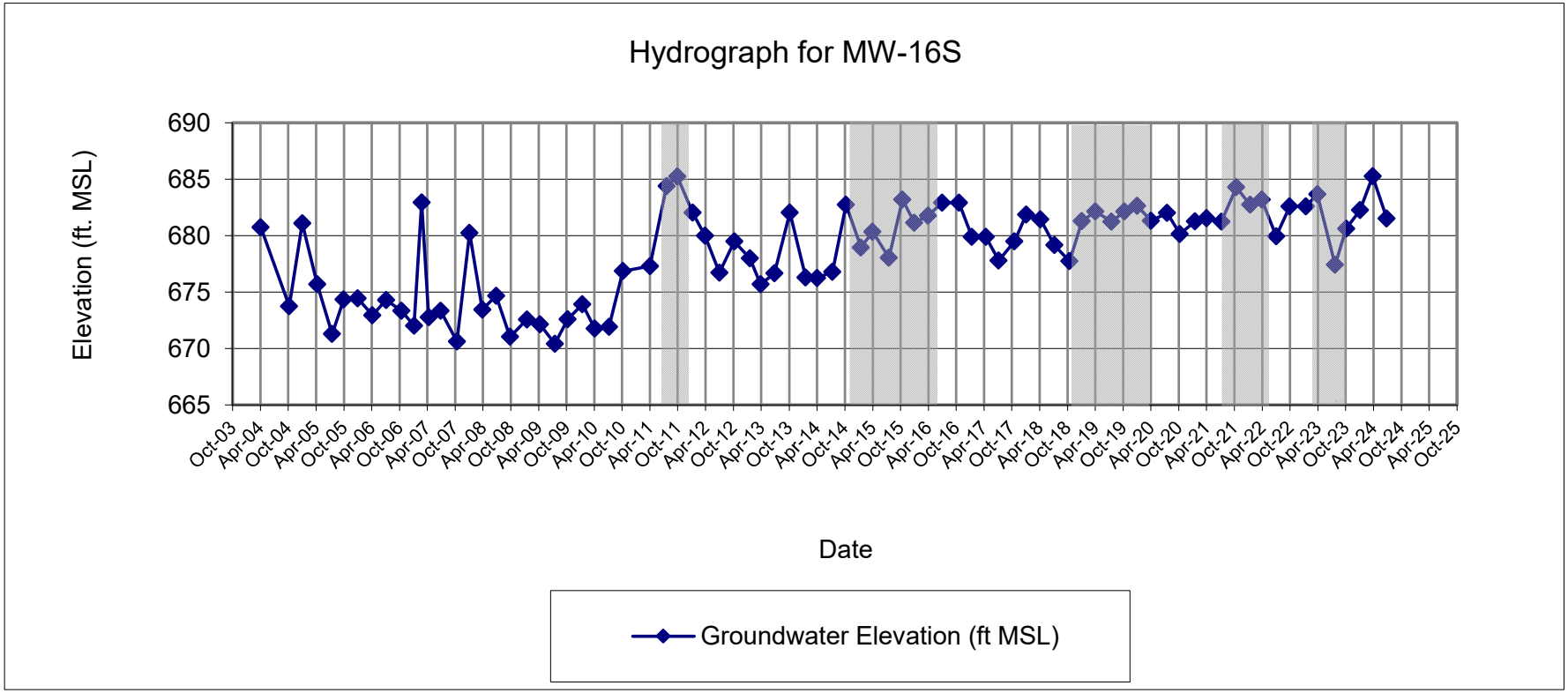


MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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

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

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



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

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

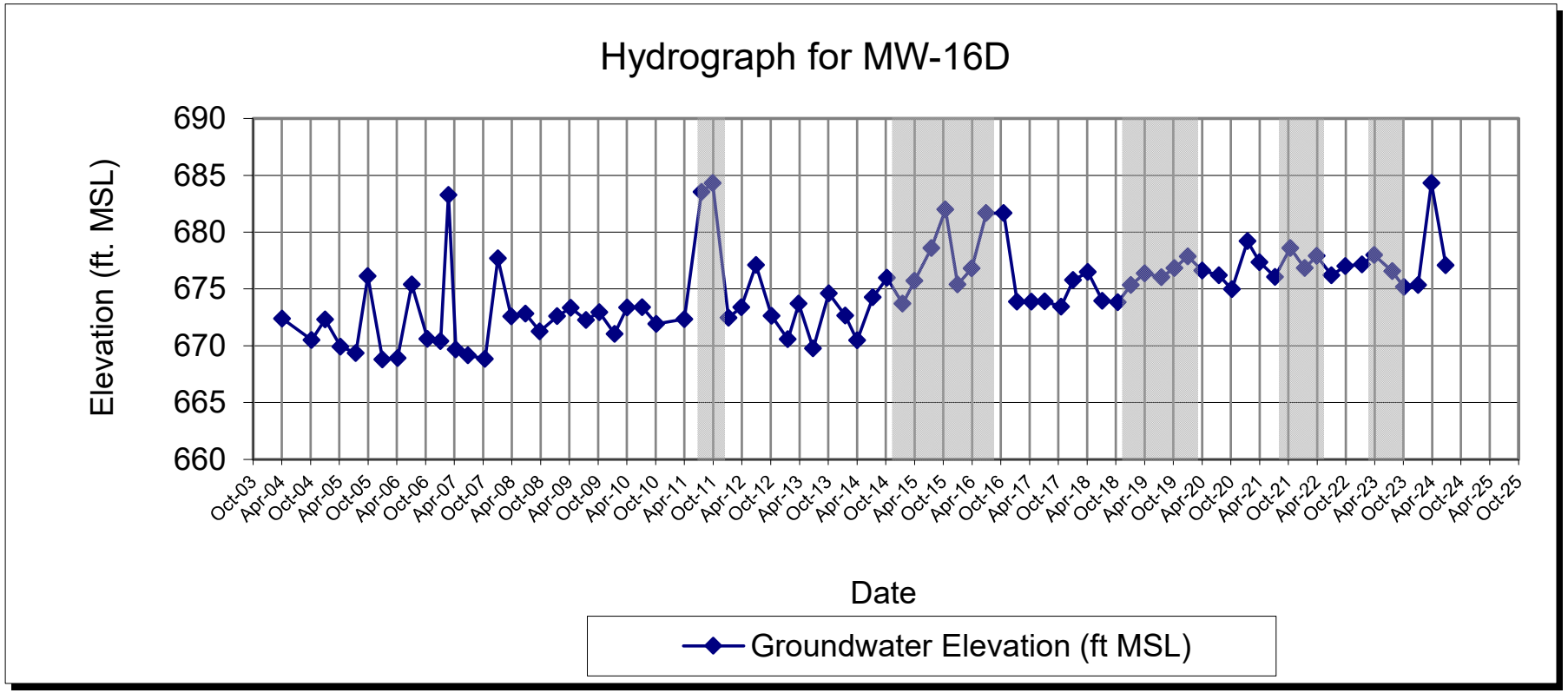
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at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

MONITORING WELL MW-16D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



Appendix C

Current and Historical Summary of VOCs in Groundwater

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

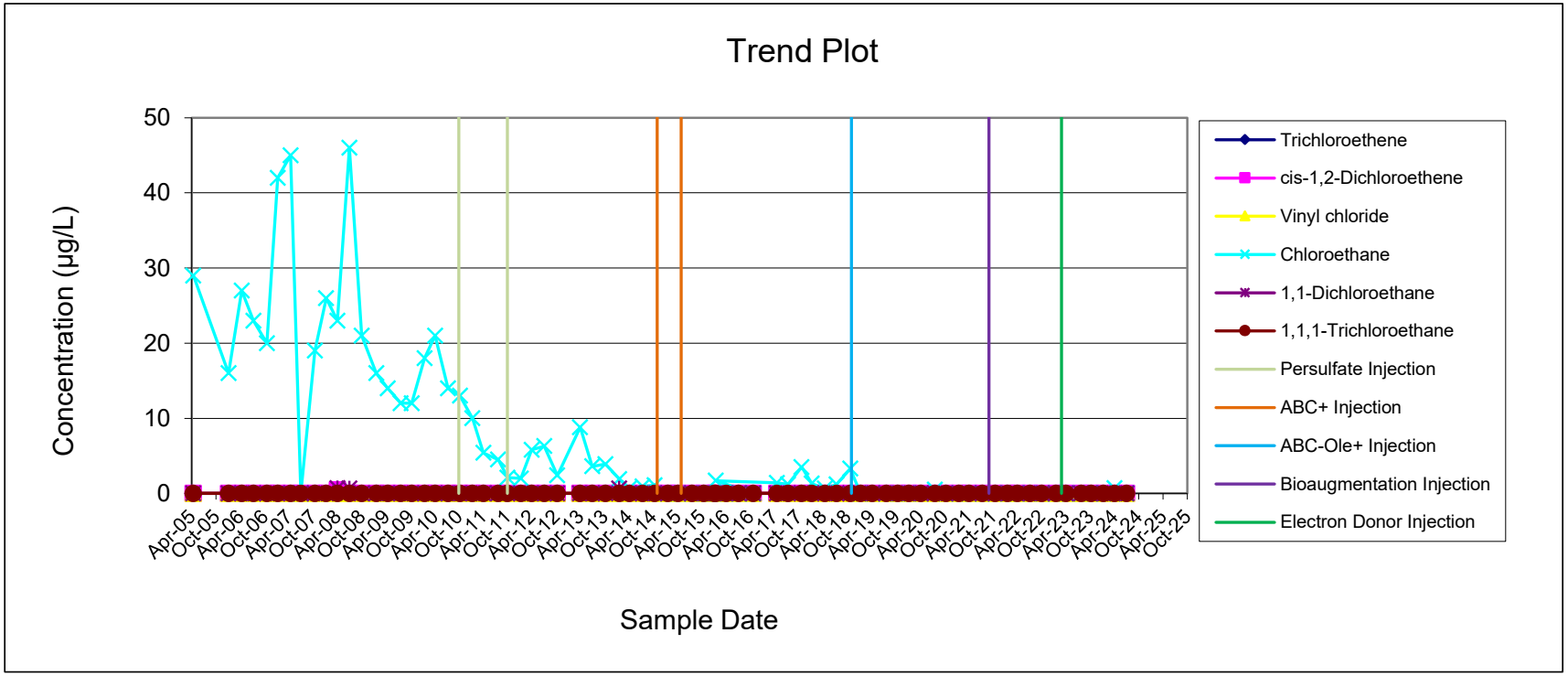
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	0.71	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	< 5	< 5	16	<5	< 5
4/15/2009	< 5	< 5	< 5	14	<5	< 5
7/22/2009	< 5	< 5	< 5	12	<5	< 5
10/12/2009	< 5	< 5	< 5	12	<5	< 5
1/18/2010	< 25	< 25	< 25	18	< 25	< 25
4/7/2010	< 25	< 25	< 25	21	< 25	< 25
7/12/2010	< 25	< 25	< 25	14	< 25	< 25
10/11/2010	< 25	< 25	< 25	13	< 25	< 25
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1
7/25/2011	<1	<1	<1	4.5	<1	<1
10/3/2011	<1	<1	<1	2.1	<1	<1
1/11/2012	<1	<1	<1	2.0	<1	<1
4/2/2012	<1	<1	<1	5.8	<1	<1
7/5/2012	<1	<1	<1	6.3	<1	<1
10/11/2012	<1	<1	<1	2.4	<1	<1
4/1/2013	<1	<1	<1	8.8	<1	<1
7/1/2013	<1	<1	<1	3.6	<1	<1
10/9/2013	<1	<1	<1	3.9	<1	<1
1/21/2014	<1	<1	<1	1.9	0.67	<1
4/7/2014	<1	<1	<1	0.68	<1	<1
7/16/2014	<1	<1	<1	0.94	<1	<1
10/14/2014	<1	<1	<1	1.1	<1	<1
1/20/2015	<5	<5	<5	<5	<5	<5
4/7/2015	<5	<5	<5	<5	<5	<5
7/22/2015	<1	<1	<1	<1	<1	<1
10/19/2015	<1	<1	<1	<1	<1	<1
1/5/2016	<1	<1	<1	<1	<1	<1
4/4/2016	<1	<1	<1	<1	<1	<1
7/5/2016	<1	<1	<1	<1	<1	<1
10/24/2016	<1	<1	<1	<1	<1	<1
1/17/2016	<1	<1	<1	1.7	<1	<1
4/20/2017	<1	<1	<1	1.4	<1	<1
7/12/2017	<1	<1	<1	1.2	<1	<1
10/23/2017	<1	<1	<1	3.5	<1	<1
1/8/2018	<1	<1	<1	1.3	<1	<1
4/17/2018	<1	<1	<1	0.65	<1	<1
7/13/2018	<1	<1	<1	1.2	<1	<1
10/24/2018	<1	<1	<1	3.3	<1	<1
1/9/2019	<1	<1	<1	<1	<1	<1
4/8/2019	<1	<1	<1	<1	<1	<1
7/23/2019	<2	<2	<2	<2	<2	<2
10/15/2019	<1	<1	<1	<1	<1	<1
1/7/2020	<1	<1	<1	<1	<1	<1
4/6/2020	<1	<1	<1	<1	<1	<1
7/21/2020	<1	<1	<1	0.52	<1	<1
10/14/2020	<2	<2	<2	<2	<2	<2
1/19/2021	<1	<1	<1	<1	<1	<1
4/6/2021	<1	<1	<1	<1	<1	<1
7/13/2021	<2	<2	<2	<2	<2	<2
10/18/2021	<2	<2	<2	<2	<2	<2
1/19/2022	<2	<2	<2	<2	<2	<2
4/4/2022	<1	<1	<1	<1	<1	<1
7/7/2022	<2	<2	<2	<2	<2	<2
10/3/2022	<2	<2	<2	<2	<2	<2
1/18/2023	<2	<2	<2	<2	<2	<2
4/3/2023	<2	<2	<2	<2	<2	<2
7/26/2023	<1	<1	<1	<1	<1	<1
10/10/2023	<1	<1	<1	<1	<1	<1
1/10/2024	<2	<2	<2	<2	<2	<2
4/3/2024	<1	<1	<1	0.7	<1	<1
7/2/2024	<4	<4	<4	<4	<4	<4

MONITORING WELL MW-2

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

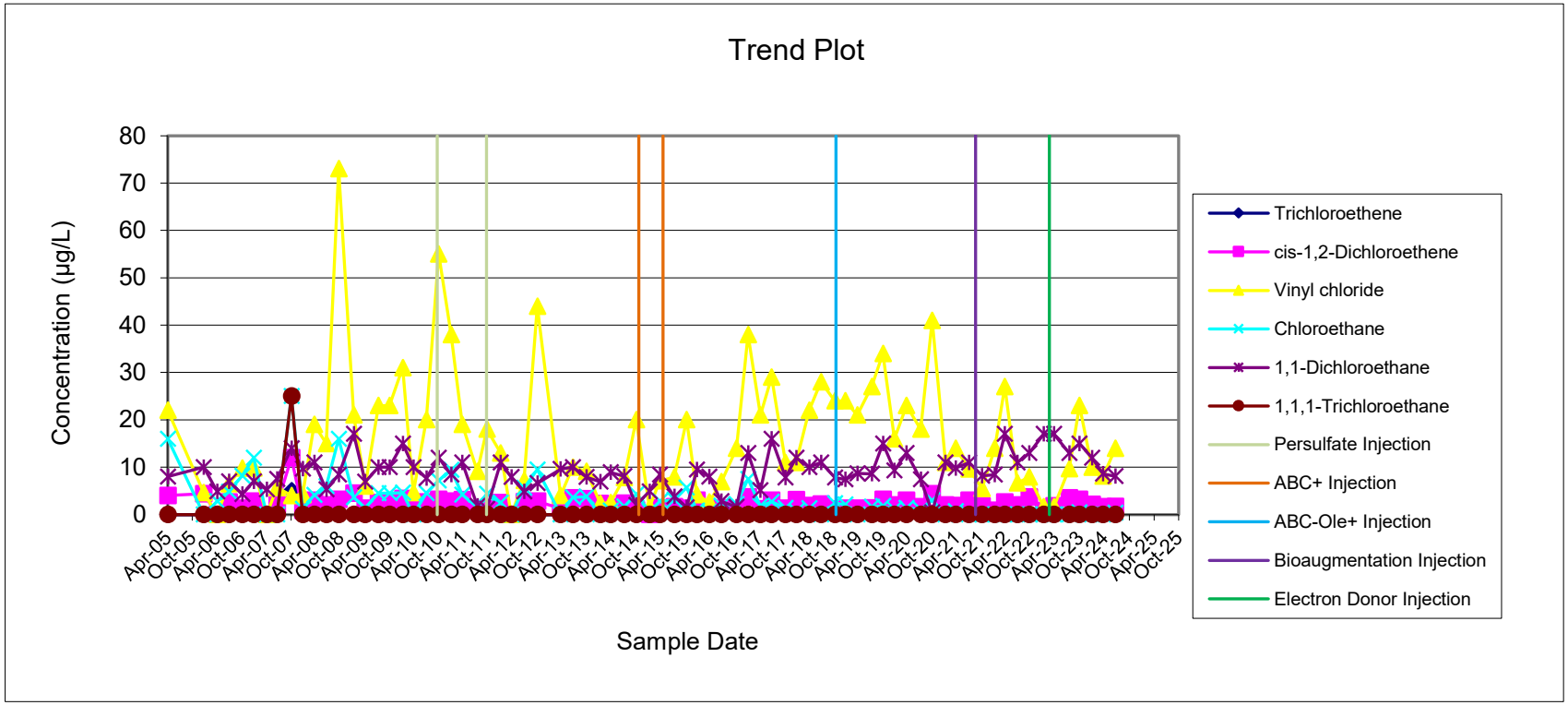
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4.0	22	16	8.0	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7.0	< 25
10/18/2006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

MONITORING WELL MW-3

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

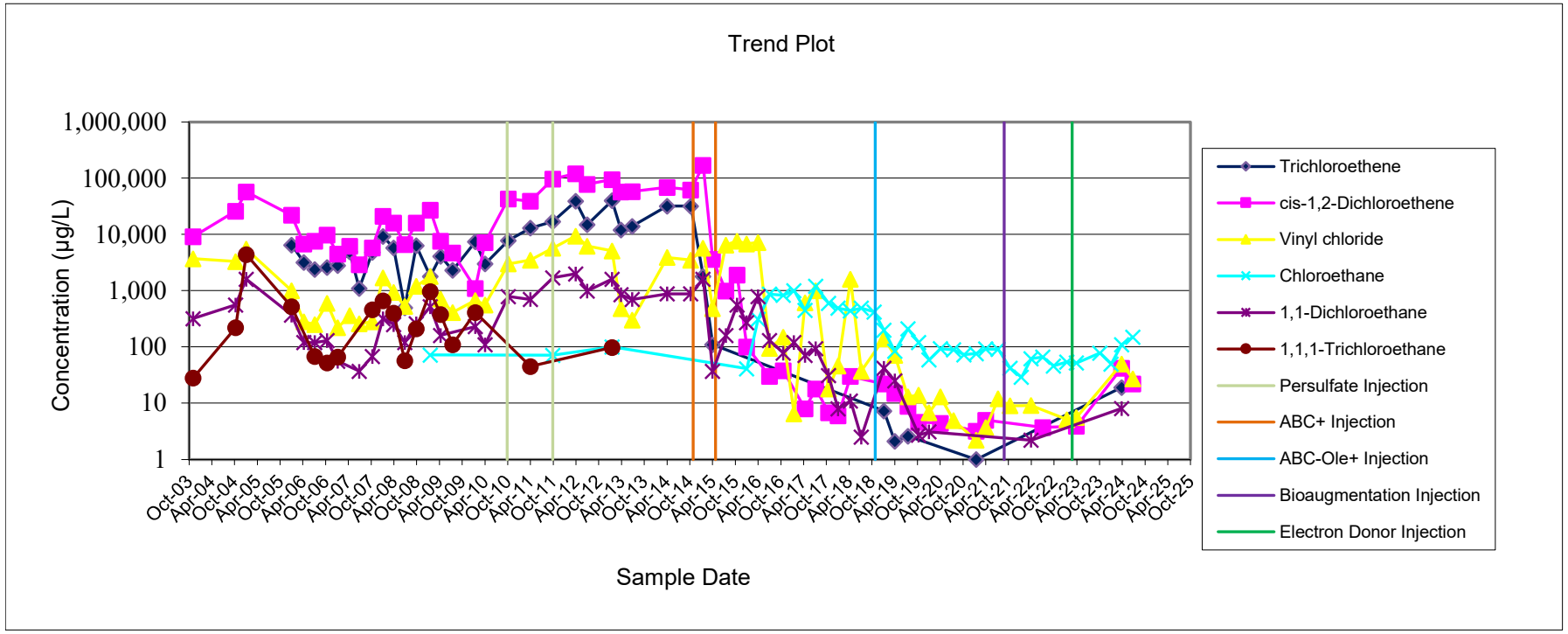
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000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

MONITORING WELL MW-4

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/13/2004	35,000	22,000	3,400	160	< 5,000	810
1/7/2005	23,000	28,000	4,000	< 2,000	1,100	1,300
4/14/2005	15,000	11,000	1,300	380	360	240
7/21/2005	9,200	6,200	600	390	200	52
10/5/2005	13,000	10,000	830	< 1,000	300	<1,000
1/6/2006	42,000	38,000	2,300	150	1100	820
4/14/2006	14,000	7,400	1,200	220	200	< 1,000
7/10/2006	16,000	13,000	2,200	300	320	< 1,000
10/18/2006	13,000	8,900	1,400	300	200	32
1/10/2007	1,600	2,500	120	24	52	26
4/17/2007	19,000	11,000	670	< 1,000	< 1,000	< 1,000
7/3/2007	29,000	12,000	890	< 1,000	290	< 1,000
10/15/2007	2,200	1,600	60	< 200	33	< 200
1/8/2008	38,000	22,000	2,000	76	620	740
4/3/2008	12,000	8,100	820	77	140	72
7/2/2008	7,400	6,000	790	100	130	72
10/2/2008	22,000	15,000	1,200	70	320	340
1/22/2009	8,400	4,600	510	56	76	<100
4/15/2009	13,000	6,800	700	49	99	27
10/13/2009	13,000	6,800	700	49	99	27
4/8/2010	2,500	1,300	84	<100	19	<100
7/12/2010	19,000	14,000	1,000	64	160	<100
1/12/2011	99,000	54,000	2,500	<2000	<2000	<2000
4/6/2011	89,000	49,000	2,500	<800	470	<800
7/26/2011	36,000	26,000	<800	80	510	1.2
10/4/2011	33,000	21,000	<400	<400	560	<400
1/13/2012	99,000	56,000	2,700	<800	520	<800
4/3/2012	99,000	54,000	2,600	<2000	<2000	<2000
10/12/2012	89,000	48,000	2,000	<800	340	<800
4/2/2013	64,000	37,000	1,900	<1000	<1000	<1000
10/10/2013	100,000	57,000	2,700	<1000	<1000	<1000
4/7/2014	100,000	56,000	1,900	<1000	<1000	<1000
7/17/2014	110,000	58,000	2,300	<1000	<1000	<1000
1/21/2015	2,100	54,000	<2000	<2000	<2000	<2000
4/6/2015	<2000	55,000	8,500	<2000	<2000	<2000
7/23/2015	<200	74,000	26,000	<200	<200	<200
10/21/2015	<25	240	2,400	39	290	<25
1/6/2016	<1,000	21,000	12,000	<1,000	<1,000	<1,000
4/6/2016	<1,000	19,000	26,000	<1,000	<1,000	<1,000
7/8/2016	24	530	820	<20	160	<20
10/25/2016	<100	710	4,700	<100	170	<100
1/17/2017	<100	24,000	18,000	<100	200	<100
4/18/2017	14	7,100	7,500	35	86	<50
7/13/2017	<400	<400	840	<400	<400	<400
10/24/2017	7.7	500	1,200	19	54	<10
4/18/2018	13	5,700	4,300	44	53	<20
7/13/2018	<10	30	190	47	9.8	<10
10/24/2018	<10	<10	<10	38	5.0	<10
1/10/2019	12	2,700	1,900	17	36	<10
4/8/2019	<40	880	1,900	<40	39	<40
7/22/2019	<8	290	270	20	12	<8
10/15/2019	<10	370	620	24	19	<10
1/8/2020	<10	110	230	22	9.9	<10
4/8/2020	<2	89	100	14	1.6	<2
7/22/2020	<2	110	370	27	5.8	<2
10/14/2020	<2	170	82	18	1.9	<2
1/20/2021	1.4	250	730	24	4.6	<1
4/7/2021	<10	300	400	20	4.1	<10
7/14/2021	<8	1,700	2,000	26	7.1	<8
10/19/2021	<25	120	1,000	<25	<25	<25
1/18/2022	<25	180	630	12	<25	<25
4/6/2022	<8	65	520	29	4.1	<8
7/8/2022	5.5	63	6,000	42	14.0	<8
10/3/2022	<40	45	2,100	59	<40	<40
1/18/2023	<40	6,900	15,000	76	45.0	<40
4/4/2023	<40	130	2,800	<40	<40	<40
7/27/2023	<40	120	2,700	<40	<40	<40
10/10/2023	<40	<40	250	<40	<40	<40
1/8/2024	<40	33	48	33	<40	<40
4/1/2024	<5	16	380	15	<5	<5
7/1/2024	<5	<5	8.0	9.1	<5	<5

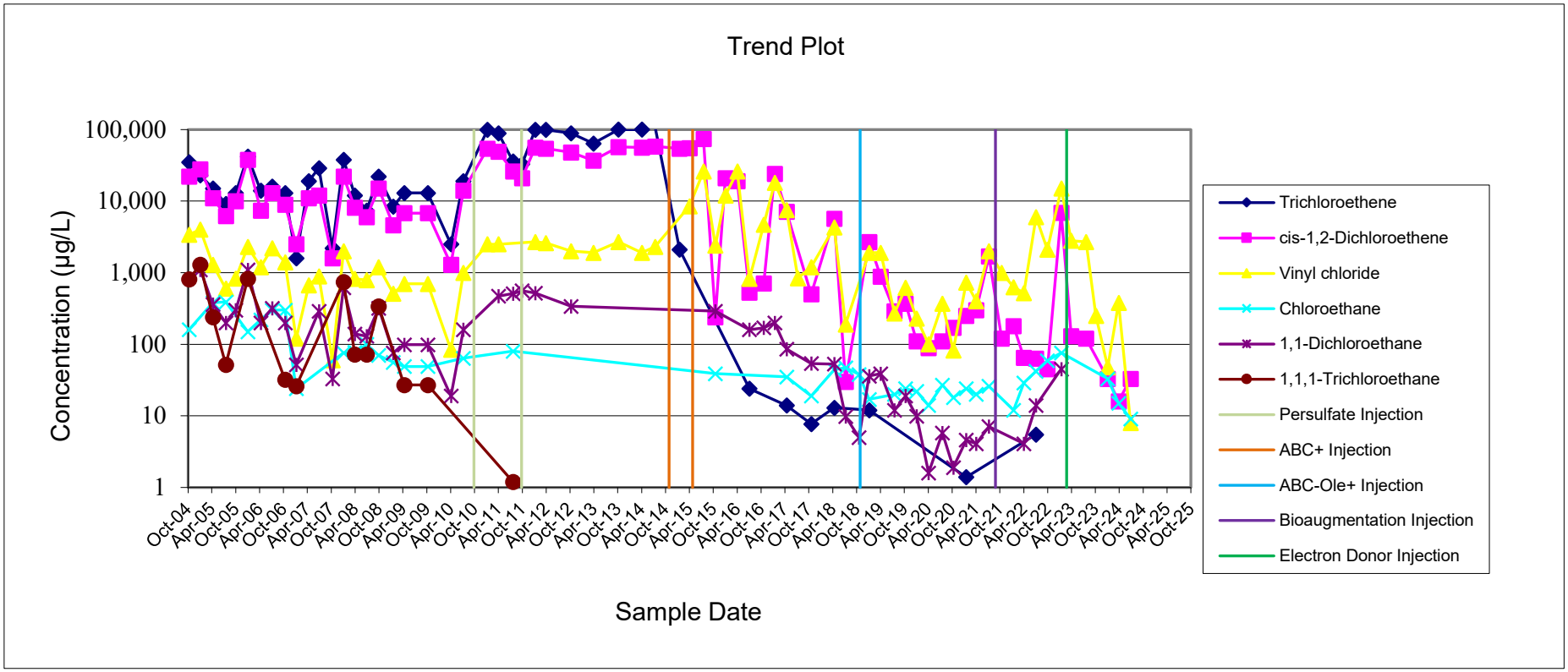
Note well was not accessable during the January 2018 sampling event.

MONITORING WELL MW-8R

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

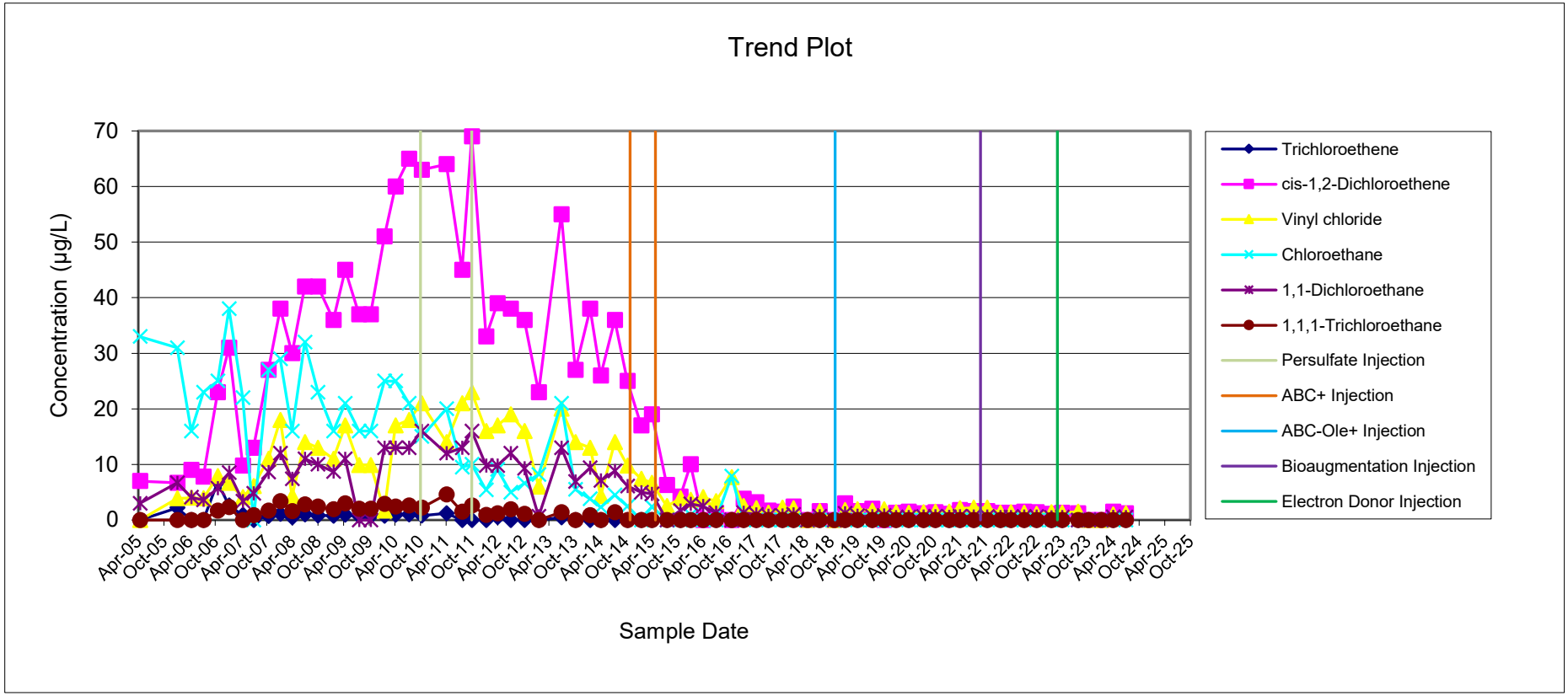
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7.0	< 10	33	3.0	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9.0	4.0	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006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

MONITORING WELL MW-11

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

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

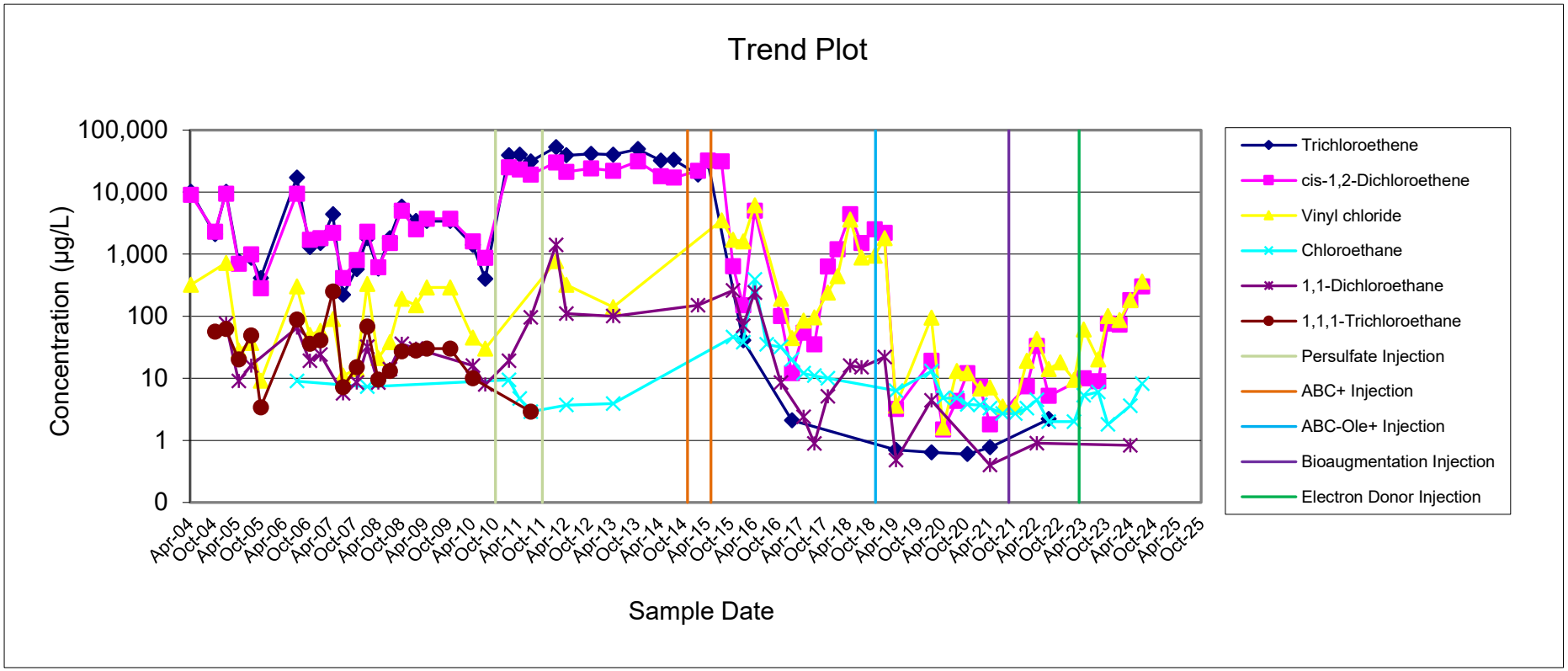
Note well was dry during the July 2019 and October 2019 sampling events.

MONITORING WELL MW-13S

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

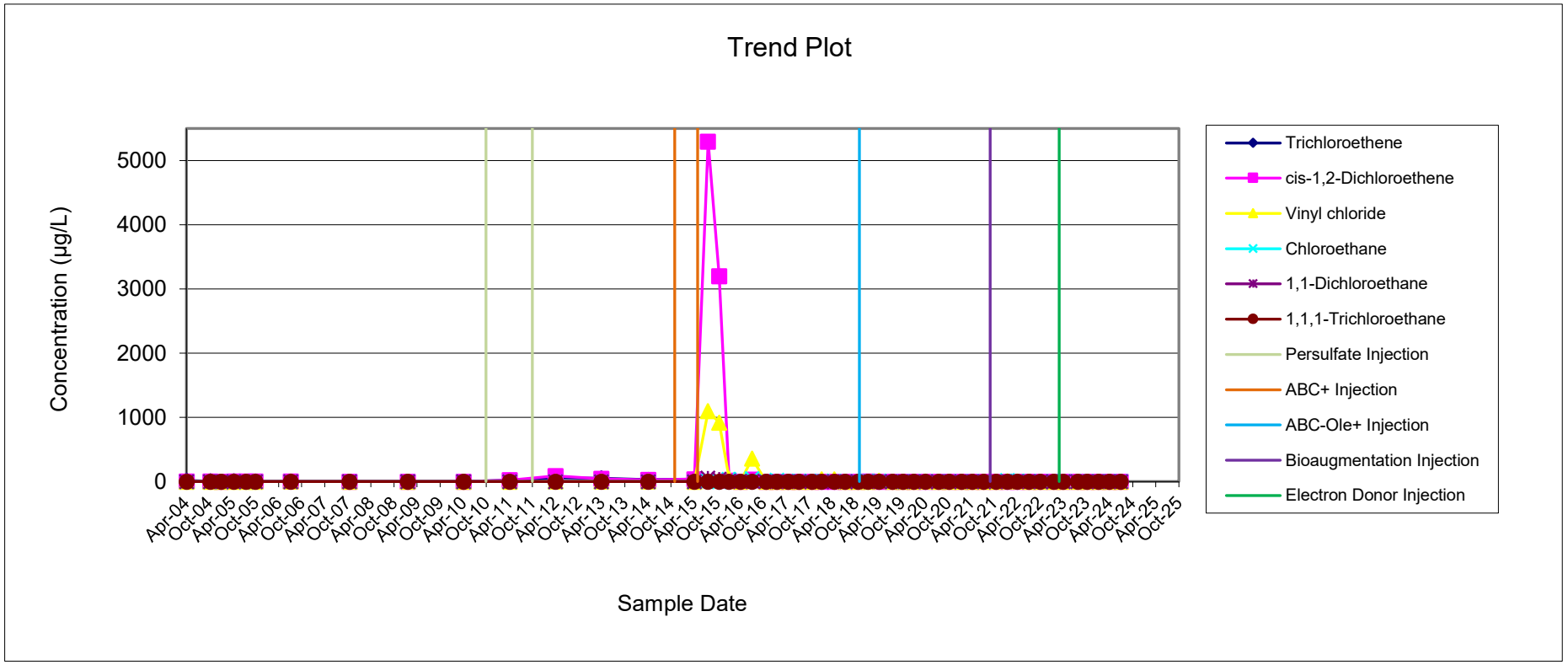
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2.0	<10	<10	<10	<10
10/12/2004	7.0	2.0	<10	<10	<10	<10
1/6/2005	<10	<10	<10	<10	<10	<10
4/15/2005	8.0	4.0	<10	<10	<10	<10
7/20/2005	1.0	2.0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

PIEZOMETER MW-13D

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

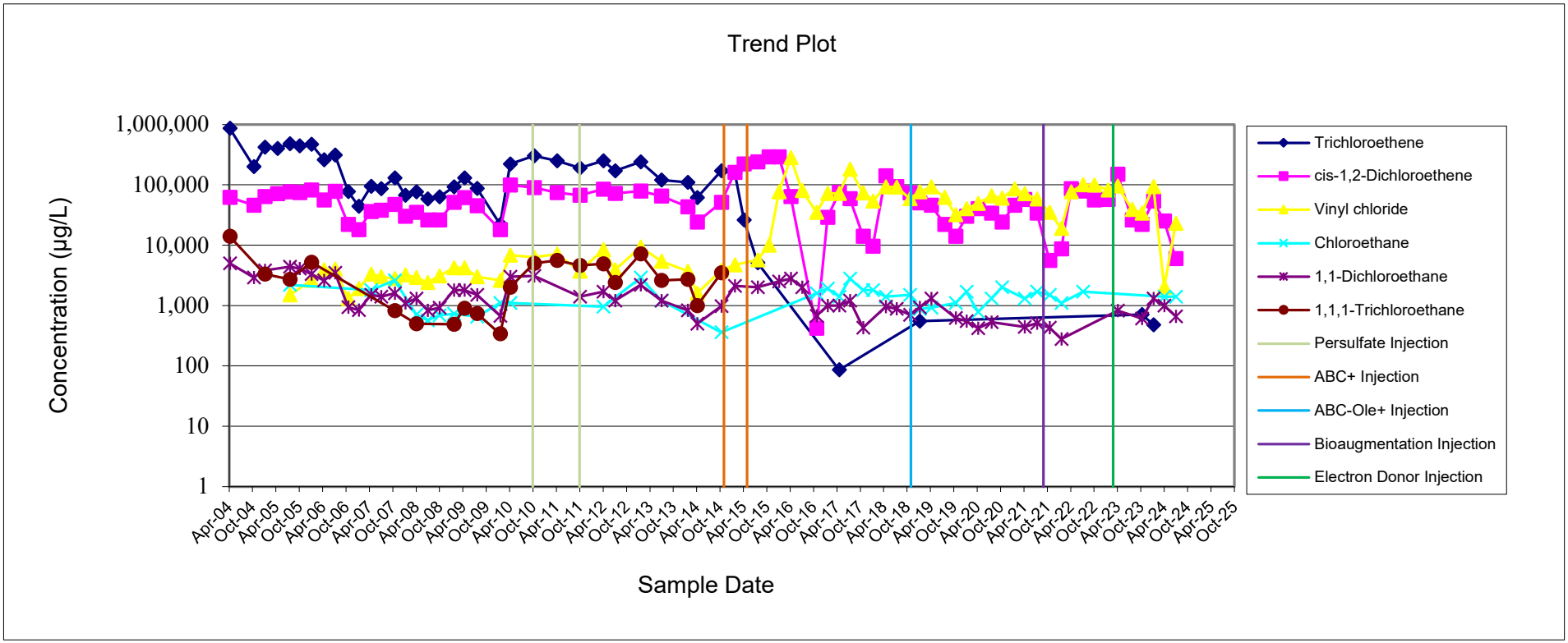
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	<20,000	<20,000	5,000	14,000
10/12/2004	200,000	46,000	<10,000	<10,000	2,900	<10,000
1/7/2005	420,000	64,000	<10,000	<10,000	3,800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

MONITORING WELL MW-16S

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

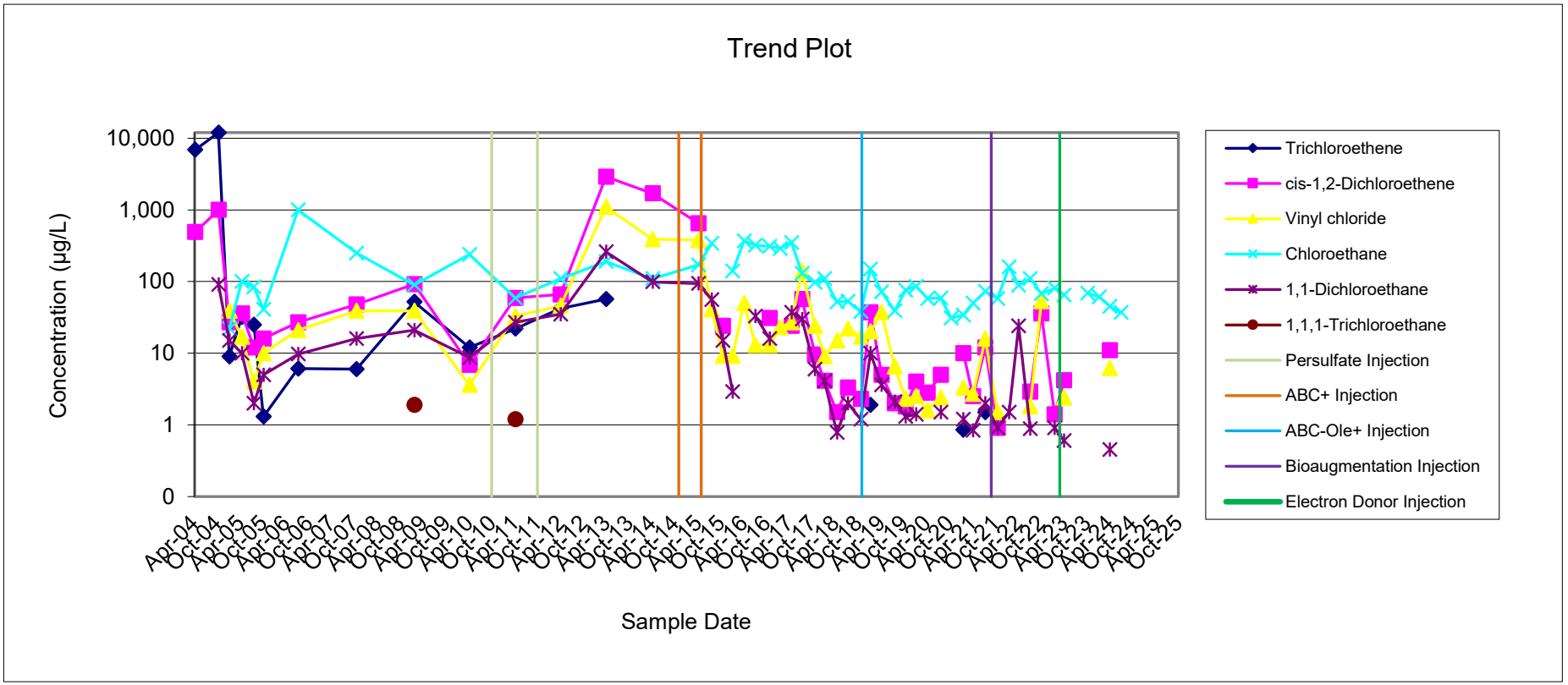
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	<500	<500	<500	<500
10/12/2004	12,000	1,000	<500	<500	91	<500
1/6/2005	9.0	27	39	22	15	<10
4/15/2005	32	36	17	100	10	<10
7/21/2005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

PIEZOMETER MW-16D

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



Appendix D

Analytical Laboratory Data Packages

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Dino Zack
AECOM
50 Lakefront Boulevard
Suite 111
Buffalo, New York 14202

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JOB DESCRIPTION

Scott Figgie West of Plant 2

JOB NUMBER

480-221314-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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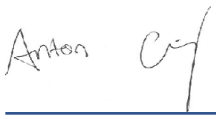
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed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

Authorization



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7/11/2024 11:06:27 AM

Authorized for release by
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Table of Contents

Definitions/Glossary

Client: AECOM
Job ID: 480-221314-1
Project/Site: Scott Figgie West of Plant 2

Qualifiers

GC/MS VOA

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

Job Narrative
480-221314-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 7/2/2024 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16S (480-221314-8) and DPE-4 (480-221314-13). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: DPE-1 (480-221314-10), DPE-4 (480-221314-13) and DPE-6 (480-221314-15).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-2 (480-221314-1), MW-8R (480-221314-3), MW-4 (480-221314-5), MW-16D (480-221314-9), DPE-1 (480-221314-10), DPE-5 (480-221314-14) and Duplicate (480-221314-21). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-13S (480-221314-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 480-717565 recovered outside control limits for the following analyte(s): Chloroethane. Chloroethane 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: MW-13S (480-221314-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-717565 recovered outside control limits for the following analytes: Chloromethane and Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: MW-13S (480-221314-6).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-717565 recovered above the upper control limit for Chloromethane, and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-13S (480-221314-6).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-717565 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 sample is impacted: MW-13S (480-221314-6).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DPE-3 (480-221314-12) and DPE-8 (480-221314-17). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: DPE-3 (480-221314-12) and DPE-8 (480-221314-17).

Job ID: 480-221314-1 (Continued) Eurofins Buffalo

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

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

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

Job ID: 480-221314-1

Client Sample ID: MW-2

Date Collected: 07/02/24 10:50
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			07/03/24 17:34	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			07/03/24 17:34	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			07/03/24 17:34	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			07/03/24 17:34	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			07/03/24 17:34	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			07/03/24 17:34	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			07/03/24 17:34	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			07/03/24 17:34	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			07/03/24 17:34	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			07/03/24 17:34	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			07/03/24 17:34	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			07/03/24 17:34	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			07/03/24 17:34	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			07/03/24 17:34	4
2-Butanone (MEK)	ND		40	5.3	ug/L			07/03/24 17:34	4
2-Hexanone	ND		20	5.0	ug/L			07/03/24 17:34	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			07/03/24 17:34	4
Acetone	ND		40	12	ug/L			07/03/24 17:34	4
Benzene	ND		4.0	1.6	ug/L			07/03/24 17:34	4
Bromodichloromethane	ND		4.0	1.6	ug/L			07/03/24 17:34	4
Bromoform	ND		4.0	1.0	ug/L			07/03/24 17:34	4
Bromomethane	ND		4.0	2.8	ug/L			07/03/24 17:34	4
Carbon disulfide	ND		4.0	0.76	ug/L			07/03/24 17:34	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			07/03/24 17:34	4
Chlorobenzene	ND		4.0	3.0	ug/L			07/03/24 17:34	4
Chloroethane	ND		4.0	1.3	ug/L			07/03/24 17:34	4
Chloroform	ND		4.0	1.4	ug/L			07/03/24 17:34	4
Chloromethane	ND		4.0	1.4	ug/L			07/03/24 17:34	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			07/03/24 17:34	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			07/03/24 17:34	4
Cyclohexane	ND		4.0	0.72	ug/L			07/03/24 17:34	4
Dibromochloromethane	ND		4.0	1.3	ug/L			07/03/24 17:34	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			07/03/24 17:34	4
Ethylbenzene	ND		4.0	3.0	ug/L			07/03/24 17:34	4
Isopropylbenzene	ND		4.0	3.2	ug/L			07/03/24 17:34	4
Methyl acetate	ND		10	5.2	ug/L			07/03/24 17:34	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			07/03/24 17:34	4
Methylcyclohexane	ND		4.0	0.64	ug/L			07/03/24 17:34	4
Methylene Chloride	ND		4.0	1.8	ug/L			07/03/24 17:34	4
Styrene	ND		4.0	2.9	ug/L			07/03/24 17:34	4
Tetrachloroethene	ND		4.0	1.4	ug/L			07/03/24 17:34	4
Toluene	ND		4.0	2.0	ug/L			07/03/24 17:34	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			07/03/24 17:34	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			07/03/24 17:34	4
Trichloroethene	ND		4.0	1.8	ug/L			07/03/24 17:34	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			07/03/24 17:34	4
Vinyl chloride	ND		4.0	3.6	ug/L			07/03/24 17:34	4
Xylenes, Total	ND		8.0	2.6	ug/L			07/03/24 17:34	4

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

Job ID: 480-221314-1

Client Sample ID: MW-2

Date Collected: 07/02/24 10:50
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-1

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/03/24 17:34*	*4*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/03/24 17:34*	*4*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/03/24 17:34*	*4*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/03/24 17:34*	*4*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**21.9**		1.0	0.43	mg/L			07/03/24 18:17	1

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

Job ID: 480-221314-1

Client Sample ID: MW-11

Date Collected: 07/01/24 09:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/24 17:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/24 17:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/24 17:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/24 17:57	1
1,1-Dichloroethane	**0.51**	**J**	1.0	0.38	ug/L			07/03/24 17:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/24 17:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/24 17:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/24 17:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/24 17:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/24 17:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/24 17:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/24 17:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/24 17:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/24 17:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/24 17:57	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/24 17:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/24 17:57	1
Acetone	ND		10	3.0	ug/L			07/03/24 17:57	1
Benzene	ND		1.0	0.41	ug/L			07/03/24 17:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/24 17:57	1
Bromoform	ND		1.0	0.26	ug/L			07/03/24 17:57	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/24 17:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/24 17:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/24 17:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/24 17:57	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/24 17:57	1
Chloroform	ND		1.0	0.34	ug/L			07/03/24 17:57	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/24 17:57	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.81	ug/L			07/03/24 17:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/24 17:57	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/24 17:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/24 17:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/24 17:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/24 17:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/24 17:57	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/24 17:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/24 17:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/24 17:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/24 17:57	1
Styrene	ND		1.0	0.73	ug/L			07/03/24 17:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/24 17:57	1
Toluene	ND		1.0	0.51	ug/L			07/03/24 17:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/24 17:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/24 17:57	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/24 17:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/24 17:57	1
Vinyl chloride	**1.2**		1.0	0.90	ug/L			07/03/24 17:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/24 17:57	1

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

Job ID: 480-221314-1

Client Sample ID: MW-11
Date Collected: 07/01/24 09:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-2
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/03/24 17:57*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/03/24 17:57*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/03/24 17:57*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/03/24 17:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.3		1.0	0.43	mg/L			07/03/24 19:13	1

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

Job ID: 480-221314-1

Client Sample ID: MW-8R
Date Collected: 07/01/24 10:35
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			07/03/24 18:19	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			07/03/24 18:19	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			07/03/24 18:19	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			07/03/24 18:19	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			07/03/24 18:19	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			07/03/24 18:19	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			07/03/24 18:19	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			07/03/24 18:19	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			07/03/24 18:19	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			07/03/24 18:19	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			07/03/24 18:19	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			07/03/24 18:19	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			07/03/24 18:19	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			07/03/24 18:19	5
2-Butanone (MEK)	ND		50	6.6	ug/L			07/03/24 18:19	5
2-Hexanone	ND		25	6.2	ug/L			07/03/24 18:19	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			07/03/24 18:19	5
Acetone	ND		50	15	ug/L			07/03/24 18:19	5
Benzene	ND		5.0	2.1	ug/L			07/03/24 18:19	5
Bromodichloromethane	ND		5.0	2.0	ug/L			07/03/24 18:19	5
Bromoform	ND		5.0	1.3	ug/L			07/03/24 18:19	5
Bromomethane	ND		5.0	3.5	ug/L			07/03/24 18:19	5
Carbon disulfide	ND		5.0	0.95	ug/L			07/03/24 18:19	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			07/03/24 18:19	5
Chlorobenzene	ND		5.0	3.8	ug/L			07/03/24 18:19	5
Chloroethane	**9.1**		5.0	1.6	ug/L			07/03/24 18:19	5
Chloroform	ND		5.0	1.7	ug/L			07/03/24 18:19	5
Chloromethane	ND		5.0	1.8	ug/L			07/03/24 18:19	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			07/03/24 18:19	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			07/03/24 18:19	5
Cyclohexane	ND		5.0	0.90	ug/L			07/03/24 18:19	5
Dibromochloromethane	ND		5.0	1.6	ug/L			07/03/24 18:19	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			07/03/24 18:19	5
Ethylbenzene	ND		5.0	3.7	ug/L			07/03/24 18:19	5
Isopropylbenzene	ND		5.0	4.0	ug/L			07/03/24 18:19	5
Methyl acetate	ND		13	6.5	ug/L			07/03/24 18:19	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			07/03/24 18:19	5
Methylcyclohexane	ND		5.0	0.80	ug/L			07/03/24 18:19	5
Methylene Chloride	ND		5.0	2.2	ug/L			07/03/24 18:19	5
Styrene	ND		5.0	3.7	ug/L			07/03/24 18:19	5
Tetrachloroethene	ND		5.0	1.8	ug/L			07/03/24 18:19	5
Toluene	**3.2**	**J**	5.0	2.6	ug/L			07/03/24 18:19	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			07/03/24 18:19	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			07/03/24 18:19	5
Trichloroethene	ND		5.0	2.3	ug/L			07/03/24 18:19	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			07/03/24 18:19	5
Vinyl chloride	**8.0**		5.0	4.5	ug/L			07/03/24 18:19	5
Xylenes, Total	ND		10	3.3	ug/L			07/03/24 18:19	5

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

Job ID: 480-221314-1

Client Sample ID: MW-8R
Date Collected: 07/01/24 10:35
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-3
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/03/24 18:19*	*5*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/03/24 18:19*	*5*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/03/24 18:19*	*5*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/03/24 18:19*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	29.6		10.0	4.3	mg/L			07/03/24 21:08	10

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

Job ID: 480-221314-1

Client Sample ID: MW-3

Date Collected: 07/02/24 09:45
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/24 18:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/24 18:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/24 18:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/24 18:41	1
1,1-Dichloroethane	**8.1**		1.0	0.38	ug/L			07/03/24 18:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/24 18:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/24 18:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/24 18:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/24 18:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/24 18:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/24 18:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/24 18:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/24 18:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/24 18:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/24 18:41	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/24 18:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/24 18:41	1
Acetone	ND		10	3.0	ug/L			07/03/24 18:41	1
Benzene	ND		1.0	0.41	ug/L			07/03/24 18:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/24 18:41	1
Bromoform	ND		1.0	0.26	ug/L			07/03/24 18:41	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/24 18:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/24 18:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/24 18:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/24 18:41	1
Chloroethane	**0.39**	**J**	1.0	0.32	ug/L			07/03/24 18:41	1
Chloroform	ND		1.0	0.34	ug/L			07/03/24 18:41	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/24 18:41	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.81	ug/L			07/03/24 18:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/24 18:41	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/24 18:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/24 18:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/24 18:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/24 18:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/24 18:41	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/24 18:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/24 18:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/24 18:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/24 18:41	1
Styrene	ND		1.0	0.73	ug/L			07/03/24 18:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/24 18:41	1
Toluene	ND		1.0	0.51	ug/L			07/03/24 18:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/24 18:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/24 18:41	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/24 18:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/24 18:41	1
Vinyl chloride	**14**		1.0	0.90	ug/L			07/03/24 18:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/24 18:41	1

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

Job ID: 480-221314-1

Client Sample ID: MW-3
Date Collected: 07/02/24 09:45
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-4
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/03/24 18:41*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/03/24 18:41*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/03/24 18:41*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*07/03/24 18:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**2.1**		1.0	0.43	mg/L			07/03/24 20:11	1

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

Job ID: 480-221314-1

Client Sample ID: MW-4

Date Collected: 07/01/24 11:15
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/03/24 19:04	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/03/24 19:04	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/03/24 19:04	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/03/24 19:04	20
1,1-Dichloroethane	ND		20	7.6	ug/L			07/03/24 19:04	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/03/24 19:04	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/03/24 19:04	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/03/24 19:04	20
1,2-Dibromoethane	ND		20	15	ug/L			07/03/24 19:04	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/03/24 19:04	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/03/24 19:04	20
1,2-Dichloropropane	ND		20	14	ug/L			07/03/24 19:04	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/03/24 19:04	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/03/24 19:04	20
2-Butanone (MEK)	**300**		200	26	ug/L			07/03/24 19:04	20
2-Hexanone	ND		100	25	ug/L			07/03/24 19:04	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/03/24 19:04	20
Acetone	ND		200	60	ug/L			07/03/24 19:04	20
Benzene	ND		20	8.2	ug/L			07/03/24 19:04	20
Bromodichloromethane	ND		20	7.8	ug/L			07/03/24 19:04	20
Bromoform	ND		20	5.2	ug/L			07/03/24 19:04	20
Bromomethane	ND		20	14	ug/L			07/03/24 19:04	20
Carbon disulfide	ND		20	3.8	ug/L			07/03/24 19:04	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/03/24 19:04	20
Chlorobenzene	ND		20	15	ug/L			07/03/24 19:04	20
Chloroethane	**150**		20	6.4	ug/L			07/03/24 19:04	20
Chloroform	ND		20	6.8	ug/L			07/03/24 19:04	20
Chloromethane	ND		20	7.0	ug/L			07/03/24 19:04	20
cis-1,2-Dichloroethene	**22**		20	16	ug/L			07/03/24 19:04	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/03/24 19:04	20
Cyclohexane	ND		20	3.6	ug/L			07/03/24 19:04	20
Dibromochloromethane	ND		20	6.4	ug/L			07/03/24 19:04	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/03/24 19:04	20
Ethylbenzene	ND		20	15	ug/L			07/03/24 19:04	20
Isopropylbenzene	ND		20	16	ug/L			07/03/24 19:04	20
Methyl acetate	ND		50	26	ug/L			07/03/24 19:04	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/03/24 19:04	20
Methylcyclohexane	ND		20	3.2	ug/L			07/03/24 19:04	20
Methylene Chloride	ND		20	8.8	ug/L			07/03/24 19:04	20
Styrene	ND		20	15	ug/L			07/03/24 19:04	20
Tetrachloroethene	ND		20	7.2	ug/L			07/03/24 19:04	20
Toluene	ND		20	10	ug/L			07/03/24 19:04	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/03/24 19:04	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/03/24 19:04	20
Trichloroethene	ND		20	9.2	ug/L			07/03/24 19:04	20
Trichlorofluoromethane	ND		20	18	ug/L			07/03/24 19:04	20
Vinyl chloride	**27**		20	18	ug/L			07/03/24 19:04	20
Xylenes, Total	ND		40	13	ug/L			07/03/24 19:04	20

Client: AECOM
Job ID: 480-221314-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-4
Lab Sample ID: 480-221314-5
Date Collected: 07/01/24 11:15
Matrix: Water
Date Received: 07/02/24 15:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/03/24 19:04*	*20*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/03/24 19:04*	*20*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/03/24 19:04*	*20*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/03/24 19:04*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**273**		100	43.4	mg/L			07/03/24 21:37	100

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

Job ID: 480-221314-1

Client Sample ID: MW-13S

Date Collected: 07/01/24 12:55
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			07/04/24 16:48	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			07/04/24 16:48	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			07/04/24 16:48	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			07/04/24 16:48	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			07/04/24 16:48	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			07/04/24 16:48	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			07/04/24 16:48	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			07/04/24 16:48	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			07/04/24 16:48	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			07/04/24 16:48	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			07/04/24 16:48	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			07/04/24 16:48	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			07/04/24 16:48	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			07/04/24 16:48	5
2-Butanone (MEK)	ND		50	6.6	ug/L			07/04/24 16:48	5
2-Hexanone	ND		25	6.2	ug/L			07/04/24 16:48	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			07/04/24 16:48	5
Acetone	ND		50	15	ug/L			07/04/24 16:48	5
Benzene	ND		5.0	2.1	ug/L			07/04/24 16:48	5
Bromodichloromethane	ND		5.0	2.0	ug/L			07/04/24 16:48	5
Bromoform	ND		5.0	1.3	ug/L			07/04/24 16:48	5
Bromomethane	ND		5.0	3.5	ug/L			07/04/24 16:48	5
Carbon disulfide	ND		5.0	0.95	ug/L			07/04/24 16:48	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			07/04/24 16:48	5
Chlorobenzene	ND		5.0	3.8	ug/L			07/04/24 16:48	5
Chloroethane	**8.2**	*+	5.0	1.6	ug/L			07/04/24 16:48	5
Chloroform	ND		5.0	1.7	ug/L			07/04/24 16:48	5
Chloromethane	ND	*+	5.0	1.8	ug/L			07/04/24 16:48	5
cis-1,2-Dichloroethene	**300**		5.0	4.1	ug/L			07/04/24 16:48	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			07/04/24 16:48	5
Cyclohexane	ND		5.0	0.90	ug/L			07/04/24 16:48	5
Dibromochloromethane	ND		5.0	1.6	ug/L			07/04/24 16:48	5
Dichlorodifluoromethane	ND	*+	5.0	3.4	ug/L			07/04/24 16:48	5
Ethylbenzene	ND		5.0	3.7	ug/L			07/04/24 16:48	5
Isopropylbenzene	ND		5.0	4.0	ug/L			07/04/24 16:48	5
Methyl acetate	ND		13	6.5	ug/L			07/04/24 16:48	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			07/04/24 16:48	5
Methylcyclohexane	ND		5.0	0.80	ug/L			07/04/24 16:48	5
Methylene Chloride	ND		5.0	2.2	ug/L			07/04/24 16:48	5
Styrene	ND		5.0	3.7	ug/L			07/04/24 16:48	5
Tetrachloroethene	ND		5.0	1.8	ug/L			07/04/24 16:48	5
Toluene	ND		5.0	2.6	ug/L			07/04/24 16:48	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			07/04/24 16:48	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			07/04/24 16:48	5
Trichloroethene	ND		5.0	2.3	ug/L			07/04/24 16:48	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			07/04/24 16:48	5
Vinyl chloride	**360**		5.0	4.5	ug/L			07/04/24 16:48	5
Xylenes, Total	ND		10	3.3	ug/L			07/04/24 16:48	5

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

Job ID: 480-221314-1

Client Sample ID: MW-13S
Date Collected: 07/01/24 12:55
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-6
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*07/04/24 16:48*	*5*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*07/04/24 16:48*	*5*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/04/24 16:48*	*5*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*07/04/24 16:48*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.4		1.0	0.43	mg/L			07/03/24 23:04	1

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

Job ID: 480-221314-1

Client Sample ID: MW-13D

Date Collected: 07/01/24 13:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/24 19:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/24 19:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/24 19:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/24 19:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/24 19:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/24 19:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/24 19:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/24 19:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/24 19:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/24 19:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/24 19:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/24 19:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/24 19:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/24 19:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/24 19:48	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/24 19:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/24 19:48	1
Acetone	**18**		10	3.0	ug/L			07/03/24 19:48	1
Benzene	ND		1.0	0.41	ug/L			07/03/24 19:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/24 19:48	1
Bromoform	ND		1.0	0.26	ug/L			07/03/24 19:48	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/24 19:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/24 19:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/24 19:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/24 19:48	1
Chloroethane	**2.2**		1.0	0.32	ug/L			07/03/24 19:48	1
Chloroform	ND		1.0	0.34	ug/L			07/03/24 19:48	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/24 19:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/24 19:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/24 19:48	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/24 19:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/24 19:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/24 19:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/24 19:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/24 19:48	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/24 19:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/24 19:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/24 19:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/24 19:48	1
Styrene	ND		1.0	0.73	ug/L			07/03/24 19:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/24 19:48	1
Toluene	ND		1.0	0.51	ug/L			07/03/24 19:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/24 19:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/24 19:48	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/24 19:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/24 19:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/24 19:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/24 19:48	1

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

Job ID: 480-221314-1

Client Sample ID: MW-13D
Date Collected: 07/01/24 13:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-7
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*07/03/24 19:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/03/24 19:48*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/03/24 19:48*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/03/24 19:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**2.0**		1.0	0.43	mg/L			07/04/24 00:01	1

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

Job ID: 480-221314-1

Client Sample ID: MW-16S

Date Collected: 07/01/24 11:50
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	820	ug/L			07/03/24 20:10	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			07/03/24 20:10	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310	ug/L			07/03/24 20:10	1000
1,1,2-Trichloroethane	ND		1000	230	ug/L			07/03/24 20:10	1000
1,1-Dichloroethane	**660**	**J**	1000	380	ug/L			07/03/24 20:10	1000
1,1-Dichloroethene	ND		1000	290	ug/L			07/03/24 20:10	1000
1,2,4-Trichlorobenzene	ND		1000	410	ug/L			07/03/24 20:10	1000
1,2-Dibromo-3-Chloropropane	ND		1000	390	ug/L			07/03/24 20:10	1000
1,2-Dibromoethane	ND		1000	730	ug/L			07/03/24 20:10	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			07/03/24 20:10	1000
1,2-Dichloroethane	ND		1000	210	ug/L			07/03/24 20:10	1000
1,2-Dichloropropane	ND		1000	720	ug/L			07/03/24 20:10	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			07/03/24 20:10	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			07/03/24 20:10	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			07/03/24 20:10	1000
2-Hexanone	ND		5000	1200	ug/L			07/03/24 20:10	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	2100	ug/L			07/03/24 20:10	1000
Acetone	ND		10000	3000	ug/L			07/03/24 20:10	1000
Benzene	ND		1000	410	ug/L			07/03/24 20:10	1000
Bromodichloromethane	ND		1000	390	ug/L			07/03/24 20:10	1000
Bromoform	ND		1000	260	ug/L			07/03/24 20:10	1000
Bromomethane	ND		1000	690	ug/L			07/03/24 20:10	1000
Carbon disulfide	ND		1000	190	ug/L			07/03/24 20:10	1000
Carbon tetrachloride	ND		1000	270	ug/L			07/03/24 20:10	1000
Chlorobenzene	ND		1000	750	ug/L			07/03/24 20:10	1000
Chloroethane	**1400**		1000	320	ug/L			07/03/24 20:10	1000
Chloroform	ND		1000	340	ug/L			07/03/24 20:10	1000
Chloromethane	ND		1000	350	ug/L			07/03/24 20:10	1000
cis-1,2-Dichloroethene	**6000**		1000	810	ug/L			07/03/24 20:10	1000
cis-1,3-Dichloropropene	ND		1000	360	ug/L			07/03/24 20:10	1000
Cyclohexane	ND		1000	180	ug/L			07/03/24 20:10	1000
Dibromochloromethane	ND		1000	320	ug/L			07/03/24 20:10	1000
Dichlorodifluoromethane	ND		1000	680	ug/L			07/03/24 20:10	1000
Ethylbenzene	ND		1000	740	ug/L			07/03/24 20:10	1000
Isopropylbenzene	ND		1000	790	ug/L			07/03/24 20:10	1000
Methyl acetate	ND		2500	1300	ug/L			07/03/24 20:10	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			07/03/24 20:10	1000
Methylcyclohexane	ND		1000	160	ug/L			07/03/24 20:10	1000
Methylene Chloride	ND		1000	440	ug/L			07/03/24 20:10	1000
Styrene	ND		1000	730	ug/L			07/03/24 20:10	1000
Tetrachloroethene	ND		1000	360	ug/L			07/03/24 20:10	1000
Toluene	ND		1000	510	ug/L			07/03/24 20:10	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			07/03/24 20:10	1000
trans-1,3-Dichloropropene	ND		1000	370	ug/L			07/03/24 20:10	1000
Trichloroethene	ND		1000	460	ug/L			07/03/24 20:10	1000
Trichlorofluoromethane	ND		1000	880	ug/L			07/03/24 20:10	1000
Vinyl chloride	**23000**		1000	900	ug/L			07/03/24 20:10	1000
Xylenes, Total	ND		2000	660	ug/L			07/03/24 20:10	1000

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

Job ID: 480-221314-1

Client Sample ID: MW-16S
Date Collected: 07/01/24 11:50
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-8
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/03/24 20:10*	*1000*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/03/24 20:10*	*1000*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/03/24 20:10*	*1000*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/03/24 20:10*	*1000*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**371**		40.0	17.4	mg/L			07/04/24 00:59	40

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

Job ID: 480-221314-1

Client Sample ID: MW-16D

Date Collected: 07/02/24 12:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/03/24 20:33	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/03/24 20:33	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/03/24 20:33	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/03/24 20:33	20
1,1-Dichloroethane	ND		20	7.6	ug/L			07/03/24 20:33	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/03/24 20:33	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/03/24 20:33	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/03/24 20:33	20
1,2-Dibromoethane	ND		20	15	ug/L			07/03/24 20:33	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/03/24 20:33	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/03/24 20:33	20
1,2-Dichloropropane	ND		20	14	ug/L			07/03/24 20:33	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/03/24 20:33	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/03/24 20:33	20
2-Butanone (MEK)	**140**	**J**	200	26	ug/L			07/03/24 20:33	20
2-Hexanone	ND		100	25	ug/L			07/03/24 20:33	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/03/24 20:33	20
Acetone	**67**	**J**	200	60	ug/L			07/03/24 20:33	20
Benzene	ND		20	8.2	ug/L			07/03/24 20:33	20
Bromodichloromethane	ND		20	7.8	ug/L			07/03/24 20:33	20
Bromoform	ND		20	5.2	ug/L			07/03/24 20:33	20
Bromomethane	ND		20	14	ug/L			07/03/24 20:33	20
Carbon disulfide	ND		20	3.8	ug/L			07/03/24 20:33	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/03/24 20:33	20
Chlorobenzene	ND		20	15	ug/L			07/03/24 20:33	20
Chloroethane	**37**		20	6.4	ug/L			07/03/24 20:33	20
Chloroform	ND		20	6.8	ug/L			07/03/24 20:33	20
Chloromethane	ND		20	7.0	ug/L			07/03/24 20:33	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			07/03/24 20:33	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/03/24 20:33	20
Cyclohexane	ND		20	3.6	ug/L			07/03/24 20:33	20
Dibromochloromethane	ND		20	6.4	ug/L			07/03/24 20:33	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/03/24 20:33	20
Ethylbenzene	ND		20	15	ug/L			07/03/24 20:33	20
Isopropylbenzene	ND		20	16	ug/L			07/03/24 20:33	20
Methyl acetate	ND		50	26	ug/L			07/03/24 20:33	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/03/24 20:33	20
Methylcyclohexane	ND		20	3.2	ug/L			07/03/24 20:33	20
Methylene Chloride	ND		20	8.8	ug/L			07/03/24 20:33	20
Styrene	ND		20	15	ug/L			07/03/24 20:33	20
Tetrachloroethene	ND		20	7.2	ug/L			07/03/24 20:33	20
Toluene	ND		20	10	ug/L			07/03/24 20:33	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/03/24 20:33	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/03/24 20:33	20
Trichloroethene	ND		20	9.2	ug/L			07/03/24 20:33	20
Trichlorofluoromethane	ND		20	18	ug/L			07/03/24 20:33	20
Vinyl chloride	ND		20	18	ug/L			07/03/24 20:33	20
Xylenes, Total	ND		40	13	ug/L			07/03/24 20:33	20

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

Job ID: 480-221314-1

Client Sample ID: MW-16D
Date Collected: 07/02/24 12:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-9
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*07/03/24 20:33*	*20*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/03/24 20:33*	*20*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/03/24 20:33*	*20*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/03/24 20:33*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	40.7		1.0	0.43	mg/L			07/08/24 19:06	1

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

Job ID: 480-221314-1

Client Sample ID: DPE-1

Date Collected: 07/02/24 13:20
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/03/24 20:55	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/03/24 20:55	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/03/24 20:55	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/03/24 20:55	20
1,1-Dichloroethane	**68**		20	7.6	ug/L			07/03/24 20:55	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/03/24 20:55	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/03/24 20:55	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/03/24 20:55	20
1,2-Dibromoethane	ND		20	15	ug/L			07/03/24 20:55	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/03/24 20:55	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/03/24 20:55	20
1,2-Dichloropropane	ND		20	14	ug/L			07/03/24 20:55	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/03/24 20:55	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/03/24 20:55	20
2-Butanone (MEK)	**200**		200	26	ug/L			07/03/24 20:55	20
2-Hexanone	ND		100	25	ug/L			07/03/24 20:55	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/03/24 20:55	20
Acetone	**890**		200	60	ug/L			07/03/24 20:55	20
Benzene	ND		20	8.2	ug/L			07/03/24 20:55	20
Bromodichloromethane	ND		20	7.8	ug/L			07/03/24 20:55	20
Bromoform	ND		20	5.2	ug/L			07/03/24 20:55	20
Bromomethane	ND		20	14	ug/L			07/03/24 20:55	20
Carbon disulfide	ND		20	3.8	ug/L			07/03/24 20:55	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/03/24 20:55	20
Chlorobenzene	ND		20	15	ug/L			07/03/24 20:55	20
Chloroethane	ND		20	6.4	ug/L			07/03/24 20:55	20
Chloroform	ND		20	6.8	ug/L			07/03/24 20:55	20
Chloromethane	ND		20	7.0	ug/L			07/03/24 20:55	20
cis-1,2-Dichloroethene	**99**		20	16	ug/L			07/03/24 20:55	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/03/24 20:55	20
Cyclohexane	ND		20	3.6	ug/L			07/03/24 20:55	20
Dibromochloromethane	ND		20	6.4	ug/L			07/03/24 20:55	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/03/24 20:55	20
Ethylbenzene	ND		20	15	ug/L			07/03/24 20:55	20
Isopropylbenzene	ND		20	16	ug/L			07/03/24 20:55	20
Methyl acetate	ND		50	26	ug/L			07/03/24 20:55	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/03/24 20:55	20
Methylcyclohexane	ND		20	3.2	ug/L			07/03/24 20:55	20
Methylene Chloride	ND		20	8.8	ug/L			07/03/24 20:55	20
Styrene	ND		20	15	ug/L			07/03/24 20:55	20
Tetrachloroethene	ND		20	7.2	ug/L			07/03/24 20:55	20
Toluene	**11**	**J**	20	10	ug/L			07/03/24 20:55	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/03/24 20:55	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/03/24 20:55	20
Trichloroethene	**9.9**	**J**	20	9.2	ug/L			07/03/24 20:55	20
Trichlorofluoromethane	ND		20	18	ug/L			07/03/24 20:55	20
Vinyl chloride	ND		20	18	ug/L			07/03/24 20:55	20
Xylenes, Total	ND		40	13	ug/L			07/03/24 20:55	20

Client Sample ID: DPE-1
Lab Sample ID: 480-221314-10
Date Collected: 07/02/24 13:20
Matrix: Water
Date Received: 07/02/24 15:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/03/24 20:55*	*20*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/03/24 20:55*	*20*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/03/24 20:55*	*20*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/03/24 20:55*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	229		5.0	2.2	mg/L			07/04/24 01:58	5

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

Job ID: 480-221314-1

Client Sample ID: DPE-2
Date Collected: 07/02/24 12:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/24 21:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/24 21:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/24 21:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/24 21:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/03/24 21:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/24 21:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/24 21:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/24 21:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/24 21:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/24 21:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/24 21:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/24 21:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/24 21:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/24 21:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/24 21:17	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/24 21:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/24 21:17	1
Acetone	ND		10	3.0	ug/L			07/03/24 21:17	1
Benzene	ND		1.0	0.41	ug/L			07/03/24 21:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/24 21:17	1
Bromoform	ND		1.0	0.26	ug/L			07/03/24 21:17	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/24 21:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/24 21:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/24 21:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/24 21:17	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/24 21:17	1
Chloroform	ND		1.0	0.34	ug/L			07/03/24 21:17	1
Chloromethane	**0.35**	**J**	1.0	0.35	ug/L			07/03/24 21:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/03/24 21:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/24 21:17	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/24 21:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/24 21:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/24 21:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/24 21:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/24 21:17	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/24 21:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/24 21:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/24 21:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/24 21:17	1
Styrene	ND		1.0	0.73	ug/L			07/03/24 21:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/24 21:17	1
Toluene	ND		1.0	0.51	ug/L			07/03/24 21:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/24 21:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/24 21:17	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/24 21:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/24 21:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/24 21:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/24 21:17	1

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

Job ID: 480-221314-1

Client Sample ID: DPE-2

Date Collected: 07/02/24 12:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-11

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*07/03/24 21:17*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*07/03/24 21:17*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/03/24 21:17*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/03/24 21:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**6.3**		1.0	0.43	mg/L			07/04/24 02:28	1

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

Job ID: 480-221314-1

Client Sample ID: DPE-3

Date Collected: 07/02/24 12:25
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			07/05/24 20:55	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			07/05/24 20:55	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			07/05/24 20:55	200
1,1,2-Trichloroethane	ND		200	46	ug/L			07/05/24 20:55	200
1,1-Dichloroethane	ND		200	76	ug/L			07/05/24 20:55	200
1,1-Dichloroethene	ND		200	58	ug/L			07/05/24 20:55	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			07/05/24 20:55	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			07/05/24 20:55	200
1,2-Dibromoethane	ND		200	150	ug/L			07/05/24 20:55	200
1,2-Dichlorobenzene	ND		200	160	ug/L			07/05/24 20:55	200
1,2-Dichloroethane	ND		200	42	ug/L			07/05/24 20:55	200
1,2-Dichloropropane	ND		200	140	ug/L			07/05/24 20:55	200
1,3-Dichlorobenzene	ND		200	160	ug/L			07/05/24 20:55	200
1,4-Dichlorobenzene	ND		200	170	ug/L			07/05/24 20:55	200
2-Butanone (MEK)	ND		2000	260	ug/L			07/05/24 20:55	200
2-Hexanone	ND		1000	250	ug/L			07/05/24 20:55	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			07/05/24 20:55	200
Acetone	ND		2000	600	ug/L			07/05/24 20:55	200
Benzene	ND		200	82	ug/L			07/05/24 20:55	200
Bromodichloromethane	ND		200	78	ug/L			07/05/24 20:55	200
Bromoform	ND		200	52	ug/L			07/05/24 20:55	200
Bromomethane	ND		200	140	ug/L			07/05/24 20:55	200
Carbon disulfide	ND		200	38	ug/L			07/05/24 20:55	200
Carbon tetrachloride	ND		200	54	ug/L			07/05/24 20:55	200
Chlorobenzene	ND		200	150	ug/L			07/05/24 20:55	200
Chloroethane	ND		200	64	ug/L			07/05/24 20:55	200
Chloroform	ND		200	68	ug/L			07/05/24 20:55	200
Chloromethane	ND		200	70	ug/L			07/05/24 20:55	200
cis-1,2-Dichloroethene	**7700**		200	160	ug/L			07/05/24 20:55	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			07/05/24 20:55	200
Cyclohexane	ND		200	36	ug/L			07/05/24 20:55	200
Dibromochloromethane	ND		200	64	ug/L			07/05/24 20:55	200
Dichlorodifluoromethane	ND		200	140	ug/L			07/05/24 20:55	200
Ethylbenzene	ND		200	150	ug/L			07/05/24 20:55	200
Isopropylbenzene	ND		200	160	ug/L			07/05/24 20:55	200
Methyl acetate	ND		500	260	ug/L			07/05/24 20:55	200
Methyl tert-butyl ether	ND		200	32	ug/L			07/05/24 20:55	200
Methylcyclohexane	ND		200	32	ug/L			07/05/24 20:55	200
Methylene Chloride	ND		200	88	ug/L			07/05/24 20:55	200
Styrene	ND		200	150	ug/L			07/05/24 20:55	200
Tetrachloroethene	ND		200	72	ug/L			07/05/24 20:55	200
Toluene	ND		200	100	ug/L			07/05/24 20:55	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			07/05/24 20:55	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			07/05/24 20:55	200
Trichloroethene	ND		200	92	ug/L			07/05/24 20:55	200
Trichlorofluoromethane	ND		200	180	ug/L			07/05/24 20:55	200
Vinyl chloride	**5000**		200	180	ug/L			07/05/24 20:55	200
Xylenes, Total	ND		400	130	ug/L			07/05/24 20:55	200

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

Job ID: 480-221314-1

Client Sample ID: DPE-3
Date Collected: 07/02/24 12:25
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-12
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/05/24 20:55*	*200*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/05/24 20:55*	*200*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/05/24 20:55*	*200*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*07/05/24 20:55*	*200*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	384		40.0	17.4	mg/L			07/04/24 02:57	40

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

Job ID: 480-221314-1

Client Sample ID: DPE-4

Date Collected: 07/02/24 12:30
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/03/24 22:02	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/03/24 22:02	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/03/24 22:02	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/03/24 22:02	20
1,1-Dichloroethane	ND		20	7.6	ug/L			07/03/24 22:02	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/03/24 22:02	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/03/24 22:02	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/03/24 22:02	20
1,2-Dibromoethane	ND		20	15	ug/L			07/03/24 22:02	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/03/24 22:02	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/03/24 22:02	20
1,2-Dichloropropane	ND		20	14	ug/L			07/03/24 22:02	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/03/24 22:02	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/03/24 22:02	20
2-Butanone (MEK)	ND		200	26	ug/L			07/03/24 22:02	20
2-Hexanone	ND		100	25	ug/L			07/03/24 22:02	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/03/24 22:02	20
Acetone	ND		200	60	ug/L			07/03/24 22:02	20
Benzene	ND		20	8.2	ug/L			07/03/24 22:02	20
Bromodichloromethane	ND		20	7.8	ug/L			07/03/24 22:02	20
Bromoform	ND		20	5.2	ug/L			07/03/24 22:02	20
Bromomethane	ND		20	14	ug/L			07/03/24 22:02	20
Carbon disulfide	ND		20	3.8	ug/L			07/03/24 22:02	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/03/24 22:02	20
Chlorobenzene	ND		20	15	ug/L			07/03/24 22:02	20
Chloroethane	ND		20	6.4	ug/L			07/03/24 22:02	20
Chloroform	ND		20	6.8	ug/L			07/03/24 22:02	20
Chloromethane	ND		20	7.0	ug/L			07/03/24 22:02	20
cis-1,2-Dichloroethene	**770**		20	16	ug/L			07/03/24 22:02	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/03/24 22:02	20
Cyclohexane	ND		20	3.6	ug/L			07/03/24 22:02	20
Dibromochloromethane	ND		20	6.4	ug/L			07/03/24 22:02	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/03/24 22:02	20
Ethylbenzene	ND		20	15	ug/L			07/03/24 22:02	20
Isopropylbenzene	ND		20	16	ug/L			07/03/24 22:02	20
Methyl acetate	ND		50	26	ug/L			07/03/24 22:02	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/03/24 22:02	20
Methylcyclohexane	ND		20	3.2	ug/L			07/03/24 22:02	20
Methylene Chloride	ND		20	8.8	ug/L			07/03/24 22:02	20
Styrene	ND		20	15	ug/L			07/03/24 22:02	20
Tetrachloroethene	ND		20	7.2	ug/L			07/03/24 22:02	20
Toluene	ND		20	10	ug/L			07/03/24 22:02	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/03/24 22:02	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/03/24 22:02	20
Trichloroethene	ND		20	9.2	ug/L			07/03/24 22:02	20
Trichlorofluoromethane	ND		20	18	ug/L			07/03/24 22:02	20
Vinyl chloride	**650**		20	18	ug/L			07/03/24 22:02	20
Xylenes, Total	ND		40	13	ug/L			07/03/24 22:02	20

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

Job ID: 480-221314-1

Client Sample ID: DPE-4

Date Collected: 07/02/24 12:30
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-13

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/03/24 22:02*	*20*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/03/24 22:02*	*20*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/03/24 22:02*	*20*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/03/24 22:02*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**54.0**		1.0	0.43	mg/L			07/04/24 03:26	1

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

Job ID: 480-221314-1

Client Sample ID: DPE-5
Date Collected: 07/02/24 13:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/03/24 22:24	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/03/24 22:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/03/24 22:24	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/03/24 22:24	10
1,1-Dichloroethane	ND		10	3.8	ug/L			07/03/24 22:24	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/03/24 22:24	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/03/24 22:24	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/03/24 22:24	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/03/24 22:24	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/03/24 22:24	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/03/24 22:24	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/03/24 22:24	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/03/24 22:24	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/03/24 22:24	10
2-Butanone (MEK)	ND		100	13	ug/L			07/03/24 22:24	10
2-Hexanone	ND		50	12	ug/L			07/03/24 22:24	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/03/24 22:24	10
Acetone	**31**	**J**	100	30	ug/L			07/03/24 22:24	10
Benzene	ND		10	4.1	ug/L			07/03/24 22:24	10
Bromodichloromethane	ND		10	3.9	ug/L			07/03/24 22:24	10
Bromoform	ND		10	2.6	ug/L			07/03/24 22:24	10
Bromomethane	ND		10	6.9	ug/L			07/03/24 22:24	10
Carbon disulfide	ND		10	1.9	ug/L			07/03/24 22:24	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/03/24 22:24	10
Chlorobenzene	ND		10	7.5	ug/L			07/03/24 22:24	10
Chloroethane	**5.0**	**J**	10	3.2	ug/L			07/03/24 22:24	10
Chloroform	ND		10	3.4	ug/L			07/03/24 22:24	10
Chloromethane	ND		10	3.5	ug/L			07/03/24 22:24	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			07/03/24 22:24	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/03/24 22:24	10
Cyclohexane	ND		10	1.8	ug/L			07/03/24 22:24	10
Dibromochloromethane	ND		10	3.2	ug/L			07/03/24 22:24	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/03/24 22:24	10
Ethylbenzene	ND		10	7.4	ug/L			07/03/24 22:24	10
Isopropylbenzene	ND		10	7.9	ug/L			07/03/24 22:24	10
Methyl acetate	ND		25	13	ug/L			07/03/24 22:24	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/03/24 22:24	10
Methylcyclohexane	ND		10	1.6	ug/L			07/03/24 22:24	10
Methylene Chloride	ND		10	4.4	ug/L			07/03/24 22:24	10
Styrene	ND		10	7.3	ug/L			07/03/24 22:24	10
Tetrachloroethene	ND		10	3.6	ug/L			07/03/24 22:24	10
Toluene	ND		10	5.1	ug/L			07/03/24 22:24	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/03/24 22:24	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/03/24 22:24	10
Trichloroethene	ND		10	4.6	ug/L			07/03/24 22:24	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/03/24 22:24	10
Vinyl chloride	ND		10	9.0	ug/L			07/03/24 22:24	10
Xylenes, Total	ND		20	6.6	ug/L			07/03/24 22:24	10

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

Job ID: 480-221314-1

Client Sample ID: DPE-5

Date Collected: 07/02/24 13:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-14

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*07/03/24 22:24*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/03/24 22:24*	*10*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/03/24 22:24*	*10*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/03/24 22:24*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**54.6**		20.0	8.7	mg/L			07/04/24 05:51	20

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

Job ID: 480-221314-1

Client Sample ID: DPE-6

Date Collected: 07/02/24 13:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/24 22:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/24 22:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/24 22:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/24 22:47	1
1,1-Dichloroethane	**5.9**		1.0	0.38	ug/L			07/03/24 22:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/24 22:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/24 22:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/24 22:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/24 22:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/24 22:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/24 22:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/24 22:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/24 22:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/24 22:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/24 22:47	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/24 22:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/24 22:47	1
Acetone	ND		10	3.0	ug/L			07/03/24 22:47	1
Benzene	ND		1.0	0.41	ug/L			07/03/24 22:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/24 22:47	1
Bromoform	ND		1.0	0.26	ug/L			07/03/24 22:47	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/24 22:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/24 22:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/24 22:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/24 22:47	1
Chloroethane	ND		1.0	0.32	ug/L			07/03/24 22:47	1
Chloroform	ND		1.0	0.34	ug/L			07/03/24 22:47	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/24 22:47	1
cis-1,2-Dichloroethene	**4.7**		1.0	0.81	ug/L			07/03/24 22:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/24 22:47	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/24 22:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/24 22:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/24 22:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/24 22:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/24 22:47	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/24 22:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/24 22:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/24 22:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/24 22:47	1
Styrene	ND		1.0	0.73	ug/L			07/03/24 22:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/24 22:47	1
Toluene	ND		1.0	0.51	ug/L			07/03/24 22:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/24 22:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/24 22:47	1
Trichloroethene	**1.1**		1.0	0.46	ug/L			07/03/24 22:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/24 22:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/03/24 22:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/24 22:47	1

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

Job ID: 480-221314-1

Client Sample ID: DPE-6

Date Collected: 07/02/24 13:40
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-15

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/03/24 22:47*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*07/03/24 22:47*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/03/24 22:47*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/03/24 22:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**1.8**		1.0	0.43	mg/L			07/04/24 06:49	1

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

Job ID: 480-221314-1

Client Sample ID: DPE-7
Date Collected: 07/02/24 12:15
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/24 23:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/24 23:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/24 23:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/24 23:09	1
1,1-Dichloroethane	**0.76**	**J**	1.0	0.38	ug/L			07/03/24 23:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/24 23:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/24 23:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/24 23:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/24 23:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/24 23:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/24 23:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/24 23:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/24 23:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/24 23:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/24 23:09	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/24 23:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/24 23:09	1
Acetone	**5.7**	**J**	10	3.0	ug/L			07/03/24 23:09	1
Benzene	ND		1.0	0.41	ug/L			07/03/24 23:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/24 23:09	1
Bromoform	ND		1.0	0.26	ug/L			07/03/24 23:09	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/24 23:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/24 23:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/24 23:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/24 23:09	1
Chloroethane	**56**		1.0	0.32	ug/L			07/03/24 23:09	1
Chloroform	ND		1.0	0.34	ug/L			07/03/24 23:09	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/24 23:09	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.81	ug/L			07/03/24 23:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/24 23:09	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/24 23:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/24 23:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/24 23:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/24 23:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/24 23:09	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/24 23:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/24 23:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/24 23:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/24 23:09	1
Styrene	ND		1.0	0.73	ug/L			07/03/24 23:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/24 23:09	1
Toluene	ND		1.0	0.51	ug/L			07/03/24 23:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/24 23:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/24 23:09	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/24 23:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/24 23:09	1
Vinyl chloride	**5.9**		1.0	0.90	ug/L			07/03/24 23:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/24 23:09	1

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

Job ID: 480-221314-1

Client Sample ID: DPE-7
Date Collected: 07/02/24 12:15
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-16
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*07/03/24 23:09*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/03/24 23:09*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/03/24 23:09*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/03/24 23:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**7.5**		1.0	0.43	mg/L			07/04/24 07:48	1

Client Sample ID: DPE-8
Date Collected: 07/02/24 12:10
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		400	330	ug/L			07/05/24 21:18	400
1,1,2,2-Tetrachloroethane	ND		400	84	ug/L			07/05/24 21:18	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	120	ug/L			07/05/24 21:18	400
1,1,2-Trichloroethane	ND		400	92	ug/L			07/05/24 21:18	400
1,1-Dichloroethane	**460**		400	150	ug/L			07/05/24 21:18	400
1,1-Dichloroethene	ND		400	120	ug/L			07/05/24 21:18	400
1,2,4-Trichlorobenzene	ND		400	160	ug/L			07/05/24 21:18	400
1,2-Dibromo-3-Chloropropane	ND		400	160	ug/L			07/05/24 21:18	400
1,2-Dibromoethane	ND		400	290	ug/L			07/05/24 21:18	400
1,2-Dichlorobenzene	ND		400	320	ug/L			07/05/24 21:18	400
1,2-Dichloroethane	ND		400	84	ug/L			07/05/24 21:18	400
1,2-Dichloropropane	ND		400	290	ug/L			07/05/24 21:18	400
1,3-Dichlorobenzene	ND		400	310	ug/L			07/05/24 21:18	400
1,4-Dichlorobenzene	ND		400	340	ug/L			07/05/24 21:18	400
2-Butanone (MEK)	**700**	**J**	4000	530	ug/L			07/05/24 21:18	400
2-Hexanone	ND		2000	500	ug/L			07/05/24 21:18	400
4-Methyl-2-pentanone (MIBK)	ND		2000	840	ug/L			07/05/24 21:18	400
Acetone	ND		4000	1200	ug/L			07/05/24 21:18	400
Benzene	ND		400	160	ug/L			07/05/24 21:18	400
Bromodichloromethane	ND		400	160	ug/L			07/05/24 21:18	400
Bromoform	ND		400	100	ug/L			07/05/24 21:18	400
Bromomethane	ND		400	280	ug/L			07/05/24 21:18	400
Carbon disulfide	ND		400	76	ug/L			07/05/24 21:18	400
Carbon tetrachloride	ND		400	110	ug/L			07/05/24 21:18	400
Chlorobenzene	ND		400	300	ug/L			07/05/24 21:18	400
Chloroethane	ND		400	130	ug/L			07/05/24 21:18	400
Chloroform	ND		400	140	ug/L			07/05/24 21:18	400
Chloromethane	ND		400	140	ug/L			07/05/24 21:18	400
cis-1,2-Dichloroethene	**31000**		400	320	ug/L			07/05/24 21:18	400
cis-1,3-Dichloropropene	ND		400	140	ug/L			07/05/24 21:18	400
Cyclohexane	ND		400	72	ug/L			07/05/24 21:18	400
Dibromochloromethane	ND		400	130	ug/L			07/05/24 21:18	400
Dichlorodifluoromethane	ND		400	270	ug/L			07/05/24 21:18	400
Ethylbenzene	ND		400	300	ug/L			07/05/24 21:18	400
Isopropylbenzene	ND		400	320	ug/L			07/05/24 21:18	400
Methyl acetate	ND		1000	520	ug/L			07/05/24 21:18	400
Methyl tert-butyl ether	ND		400	64	ug/L			07/05/24 21:18	400
Methylcyclohexane	ND		400	64	ug/L			07/05/24 21:18	400
Methylene Chloride	ND		400	180	ug/L			07/05/24 21:18	400
Styrene	ND		400	290	ug/L			07/05/24 21:18	400
Tetrachloroethene	ND		400	140	ug/L			07/05/24 21:18	400
Toluene	ND		400	200	ug/L			07/05/24 21:18	400
trans-1,2-Dichloroethene	ND		400	360	ug/L			07/05/24 21:18	400
trans-1,3-Dichloropropene	ND		400	150	ug/L			07/05/24 21:18	400
Trichloroethene	ND		400	180	ug/L			07/05/24 21:18	400
Trichlorofluoromethane	ND		400	350	ug/L			07/05/24 21:18	400
Vinyl chloride	**7700**		400	360	ug/L			07/05/24 21:18	400
Xylenes, Total	ND		800	260	ug/L			07/05/24 21:18	400

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

Job ID: 480-221314-1

Client Sample ID: DPE-8

Date Collected: 07/02/24 12:10
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-17

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*07/05/24 21:18*	*400*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*07/05/24 21:18*	*400*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/05/24 21:18*	*400*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*07/05/24 21:18*	*400*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**966**		100	43.4	mg/L			07/04/24 08:16	100

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

Job ID: 480-221314-1

Client Sample ID: GWCT
Date Collected: 07/02/24 12:45
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/03/24 23:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/03/24 23:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/03/24 23:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/03/24 23:53	1
1,1-Dichloroethane	**0.51**	**J**	1.0	0.38	ug/L			07/03/24 23:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/03/24 23:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/03/24 23:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/03/24 23:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/03/24 23:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/03/24 23:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/03/24 23:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/03/24 23:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/03/24 23:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/03/24 23:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/03/24 23:53	1
2-Hexanone	ND		5.0	1.2	ug/L			07/03/24 23:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/03/24 23:53	1
Acetone	ND		10	3.0	ug/L			07/03/24 23:53	1
Benzene	ND		1.0	0.41	ug/L			07/03/24 23:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/03/24 23:53	1
Bromoform	ND		1.0	0.26	ug/L			07/03/24 23:53	1
Bromomethane	ND		1.0	0.69	ug/L			07/03/24 23:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/03/24 23:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/03/24 23:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/03/24 23:53	1
Chloroethane	**28**		1.0	0.32	ug/L			07/03/24 23:53	1
Chloroform	ND		1.0	0.34	ug/L			07/03/24 23:53	1
Chloromethane	ND		1.0	0.35	ug/L			07/03/24 23:53	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.81	ug/L			07/03/24 23:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/03/24 23:53	1
Cyclohexane	ND		1.0	0.18	ug/L			07/03/24 23:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/03/24 23:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/03/24 23:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/03/24 23:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/03/24 23:53	1
Methyl acetate	ND		2.5	1.3	ug/L			07/03/24 23:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/03/24 23:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/03/24 23:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/03/24 23:53	1
Styrene	ND		1.0	0.73	ug/L			07/03/24 23:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/03/24 23:53	1
Toluene	ND		1.0	0.51	ug/L			07/03/24 23:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/03/24 23:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/03/24 23:53	1
Trichloroethene	ND		1.0	0.46	ug/L			07/03/24 23:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/03/24 23:53	1
Vinyl chloride	**2.5**		1.0	0.90	ug/L			07/03/24 23:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/03/24 23:53	1

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

Job ID: 480-221314-1

Client Sample ID: GWCT
Date Collected: 07/02/24 12:45
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-18
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		07/03/24 23:53	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/03/24 23:53	1
Toluene-d8 (Surr)	98		80 - 120		07/03/24 23:53	1
Dibromofluoromethane (Surr)	110		75 - 123		07/03/24 23:53	1

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

Job ID: 480-221314-1

Client Sample ID: Trip Blank

Date Collected: 07/02/24 00:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/04/24 00:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/04/24 00:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/04/24 00:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/04/24 00:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/04/24 00:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/04/24 00:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/04/24 00:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/04/24 00:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/04/24 00:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/04/24 00:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/04/24 00:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/04/24 00:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/04/24 00:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/04/24 00:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/04/24 00:16	1
2-Hexanone	ND		5.0	1.2	ug/L			07/04/24 00:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/04/24 00:16	1
Acetone	ND		10	3.0	ug/L			07/04/24 00:16	1
Benzene	ND		1.0	0.41	ug/L			07/04/24 00:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/04/24 00:16	1
Bromoform	ND		1.0	0.26	ug/L			07/04/24 00:16	1
Bromomethane	ND		1.0	0.69	ug/L			07/04/24 00:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/04/24 00:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/04/24 00:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/04/24 00:16	1
Chloroethane	ND		1.0	0.32	ug/L			07/04/24 00:16	1
Chloroform	ND		1.0	0.34	ug/L			07/04/24 00:16	1
Chloromethane	ND		1.0	0.35	ug/L			07/04/24 00:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/04/24 00:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/04/24 00:16	1
Cyclohexane	ND		1.0	0.18	ug/L			07/04/24 00:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/04/24 00:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/04/24 00:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/04/24 00:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/04/24 00:16	1
Methyl acetate	ND		2.5	1.3	ug/L			07/04/24 00:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/04/24 00:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/04/24 00:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/04/24 00:16	1
Styrene	ND		1.0	0.73	ug/L			07/04/24 00:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/04/24 00:16	1
Toluene	ND		1.0	0.51	ug/L			07/04/24 00:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/04/24 00:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/04/24 00:16	1
Trichloroethene	ND		1.0	0.46	ug/L			07/04/24 00:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/04/24 00:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/04/24 00:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/04/24 00:16	1

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

Job ID: 480-221314-1

Client Sample ID: Trip Blank
Date Collected: 07/02/24 00:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-19
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		07/04/24 00:16	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/04/24 00:16	1
Toluene-d8 (Surr)	96		80 - 120		07/04/24 00:16	1
Dibromofluoromethane (Surr)	111		75 - 123		07/04/24 00:16	1

Client Sample ID: Rinse Blank

Date Collected: 07/01/24 14:30
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/04/24 00:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/04/24 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/04/24 00:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/04/24 00:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/04/24 00:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/04/24 00:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/04/24 00:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/04/24 00:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/04/24 00:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/04/24 00:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/04/24 00:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/04/24 00:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/04/24 00:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/04/24 00:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/04/24 00:38	1
2-Hexanone	ND		5.0	1.2	ug/L			07/04/24 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/04/24 00:38	1
Acetone	ND		10	3.0	ug/L			07/04/24 00:38	1
Benzene	ND		1.0	0.41	ug/L			07/04/24 00:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/04/24 00:38	1
Bromoform	ND		1.0	0.26	ug/L			07/04/24 00:38	1
Bromomethane	ND		1.0	0.69	ug/L			07/04/24 00:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/04/24 00:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/04/24 00:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/04/24 00:38	1
Chloroethane	ND		1.0	0.32	ug/L			07/04/24 00:38	1
Chloroform	**0.86**	**J**	1.0	0.34	ug/L			07/04/24 00:38	1
Chloromethane	ND		1.0	0.35	ug/L			07/04/24 00:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/04/24 00:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/04/24 00:38	1
Cyclohexane	ND		1.0	0.18	ug/L			07/04/24 00:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/04/24 00:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/04/24 00:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/04/24 00:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/04/24 00:38	1
Methyl acetate	ND		2.5	1.3	ug/L			07/04/24 00:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/04/24 00:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/04/24 00:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/04/24 00:38	1
Styrene	ND		1.0	0.73	ug/L			07/04/24 00:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/04/24 00:38	1
Toluene	ND		1.0	0.51	ug/L			07/04/24 00:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/04/24 00:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/04/24 00:38	1
Trichloroethene	ND		1.0	0.46	ug/L			07/04/24 00:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/04/24 00:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/04/24 00:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/04/24 00:38	1

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

Job ID: 480-221314-1

Client Sample ID: Rinse Blank
Date Collected: 07/01/24 14:30
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-20
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		07/04/24 00:38	1
4-Bromofluorobenzene (Surr)	103		73 - 120		07/04/24 00:38	1
Toluene-d8 (Surr)	97		80 - 120		07/04/24 00:38	1
Dibromofluoromethane (Surr)	111		75 - 123		07/04/24 00:38	1

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

Job ID: 480-221314-1

Client Sample ID: Duplicate

Date Collected: 07/01/24 00:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/04/24 01:00	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/04/24 01:00	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/04/24 01:00	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/04/24 01:00	20
1,1-Dichloroethane	ND		20	7.6	ug/L			07/04/24 01:00	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/04/24 01:00	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/04/24 01:00	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/04/24 01:00	20
1,2-Dibromoethane	ND		20	15	ug/L			07/04/24 01:00	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/04/24 01:00	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/04/24 01:00	20
1,2-Dichloropropane	ND		20	14	ug/L			07/04/24 01:00	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/04/24 01:00	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/04/24 01:00	20
2-Butanone (MEK)	ND		200	26	ug/L			07/04/24 01:00	20
2-Hexanone	ND		100	25	ug/L			07/04/24 01:00	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/04/24 01:00	20
Acetone	ND		200	60	ug/L			07/04/24 01:00	20
Benzene	ND		20	8.2	ug/L			07/04/24 01:00	20
Bromodichloromethane	ND		20	7.8	ug/L			07/04/24 01:00	20
Bromoform	ND		20	5.2	ug/L			07/04/24 01:00	20
Bromomethane	ND		20	14	ug/L			07/04/24 01:00	20
Carbon disulfide	ND		20	3.8	ug/L			07/04/24 01:00	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/04/24 01:00	20
Chlorobenzene	ND		20	15	ug/L			07/04/24 01:00	20
Chloroethane	ND		20	6.4	ug/L			07/04/24 01:00	20
Chloroform	ND		20	6.8	ug/L			07/04/24 01:00	20
Chloromethane	ND		20	7.0	ug/L			07/04/24 01:00	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			07/04/24 01:00	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/04/24 01:00	20
Cyclohexane	ND		20	3.6	ug/L			07/04/24 01:00	20
Dibromochloromethane	ND		20	6.4	ug/L			07/04/24 01:00	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/04/24 01:00	20
Ethylbenzene	ND		20	15	ug/L			07/04/24 01:00	20
Isopropylbenzene	ND		20	16	ug/L			07/04/24 01:00	20
Methyl acetate	ND		50	26	ug/L			07/04/24 01:00	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/04/24 01:00	20
Methylcyclohexane	ND		20	3.2	ug/L			07/04/24 01:00	20
Methylene Chloride	ND		20	8.8	ug/L			07/04/24 01:00	20
Styrene	ND		20	15	ug/L			07/04/24 01:00	20
Tetrachloroethene	ND		20	7.2	ug/L			07/04/24 01:00	20
Toluene	ND		20	10	ug/L			07/04/24 01:00	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/04/24 01:00	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/04/24 01:00	20
Trichloroethene	ND		20	9.2	ug/L			07/04/24 01:00	20
Trichlorofluoromethane	ND		20	18	ug/L			07/04/24 01:00	20
Vinyl chloride	ND		20	18	ug/L			07/04/24 01:00	20
Xylenes, Total	ND		40	13	ug/L			07/04/24 01:00	20

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

Job ID: 480-221314-1

Client Sample ID: Duplicate
Date Collected: 07/01/24 00:00
Date Received: 07/02/24 15:20

Lab Sample ID: 480-221314-21
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/04/24 01:00	20
4-Bromofluorobenzene (Surr)	100		73 - 120		07/04/24 01:00	20
Toluene-d8 (Surr)	96		80 - 120		07/04/24 01:00	20
Dibromofluoromethane (Surr)	107		75 - 123		07/04/24 01:00	20

Lab Chronicle

Client: AECOM
Job ID: 480-221314-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-2
Lab Sample ID: 480-221314-1
Date Collected: 07/02/24 10:50
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	717526	ERS	EET BUF	07/03/24 17:34
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/03/24 18:17

Client Sample ID: MW-11
Lab Sample ID: 480-221314-2
Date Collected: 07/01/24 09:40
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/03/24 17:57
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/03/24 19:13

Client Sample ID: MW-8R
Lab Sample ID: 480-221314-3
Date Collected: 07/01/24 10:35
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	717526	ERS	EET BUF	07/03/24 18:19
Total/NA	Analysis	9060A		10	717738	AF	EET BUF	07/03/24 21:08

Client Sample ID: MW-3
Lab Sample ID: 480-221314-4
Date Collected: 07/02/24 09:45
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/03/24 18:41
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/03/24 20:11

Client Sample ID: MW-4
Lab Sample ID: 480-221314-5
Date Collected: 07/01/24 11:15
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	717526	ERS	EET BUF	07/03/24 19:04
Total/NA	Analysis	9060A		100	717738	AF	EET BUF	07/03/24 21:37

Client Sample ID: MW-13S
Lab Sample ID: 480-221314-6
Date Collected: 07/01/24 12:55
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	717565	ERS	EET BUF	07/04/24 16:48
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/03/24 23:04

Lab Chronicle

Client: AECOM
Job ID: 480-221314-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-13D
Lab Sample ID: 480-221314-7
Date Collected: 07/01/24 13:40
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/03/24 19:48
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/04/24 00:01

Client Sample ID: MW-16S
Lab Sample ID: 480-221314-8
Date Collected: 07/01/24 11:50
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1000	717526	ERS	EET BUF	07/03/24 20:10
Total/NA	Analysis	9060A		40	717738	AF	EET BUF	07/04/24 00:59

Client Sample ID: MW-16D
Lab Sample ID: 480-221314-9
Date Collected: 07/02/24 12:00
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	717526	ERS	EET BUF	07/03/24 20:33
Total/NA	Analysis	9060A		1	717992	AF	EET BUF	07/08/24 19:06

Client Sample ID: DPE-1
Lab Sample ID: 480-221314-10
Date Collected: 07/02/24 13:20
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	717526	ERS	EET BUF	07/03/24 20:55
Total/NA	Analysis	9060A		5	717738	AF	EET BUF	07/04/24 01:58

Client Sample ID: DPE-2
Lab Sample ID: 480-221314-11
Date Collected: 07/02/24 12:40
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/03/24 21:17
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/04/24 02:28

Client Sample ID: DPE-3
Lab Sample ID: 480-221314-12
Date Collected: 07/02/24 12:25
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		200	717584	ZN	EET BUF	07/05/24 20:55
Total/NA	Analysis	9060A		40	717738	AF	EET BUF	07/04/24 02:57

Lab Chronicle

Client: AECOM
Job ID: 480-221314-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-4
Lab Sample ID: 480-221314-13
Date Collected: 07/02/24 12:30
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	717526	ERS	EET BUF	07/03/24 22:02
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/04/24 03:26

Client Sample ID: DPE-5
Lab Sample ID: 480-221314-14
Date Collected: 07/02/24 13:00
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	717526	ERS	EET BUF	07/03/24 22:24
Total/NA	Analysis	9060A		20	717738	AF	EET BUF	07/04/24 05:51

Client Sample ID: DPE-6
Lab Sample ID: 480-221314-15
Date Collected: 07/02/24 13:40
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/03/24 22:47
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/04/24 06:49

Client Sample ID: DPE-7
Lab Sample ID: 480-221314-16
Date Collected: 07/02/24 12:15
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/03/24 23:09
Total/NA	Analysis	9060A		1	717738	AF	EET BUF	07/04/24 07:48

Client Sample ID: DPE-8
Lab Sample ID: 480-221314-17
Date Collected: 07/02/24 12:10
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		400	717584	ZN	EET BUF	07/05/24 21:18
Total/NA	Analysis	9060A		100	717738	AF	EET BUF	07/04/24 08:16

Client Sample ID: GWCT
Lab Sample ID: 480-221314-18
Date Collected: 07/02/24 12:45
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/03/24 23:53

Lab Chronicle

Client: AECOM
Job ID: 480-221314-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Trip Blank
Lab Sample ID: 480-221314-19
Date Collected: 07/02/24 00:00
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/04/24 00:16

Client Sample ID: Rinse Blank
Lab Sample ID: 480-221314-20
Date Collected: 07/01/24 14:30
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	717526	ERS	EET BUF	07/04/24 00:38

Client Sample ID: Duplicate
Lab Sample ID: 480-221314-21
Date Collected: 07/01/24 00:00
Matrix: Water
Date Received: 07/02/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	717526	ERS	EET BUF	07/04/24 01:00

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM
Job ID: 480-221314-1
Project/Site: Scott Figgie West of Plant 2

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

Method Summary

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

Job ID: 480-221314-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
9060A	Organic Carbon, Total (TOC)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

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

Sample Summary

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

Job ID: 480-221314-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-221314-1	MW-2	Water	07/02/24 10:50	07/02/24 15:20
480-221314-2	MW-11	Water	07/01/24 09:40	07/02/24 15:20
480-221314-3	MW-8R	Water	07/01/24 10:35	07/02/24 15:20
480-221314-4	MW-3	Water	07/02/24 09:45	07/02/24 15:20
480-221314-5	MW-4	Water	07/01/24 11:15	07/02/24 15:20
480-221314-6	MW-13S	Water	07/01/24 12:55	07/02/24 15:20
480-221314-7	MW-13D	Water	07/01/24 13:40	07/02/24 15:20
480-221314-8	MW-16S	Water	07/01/24 11:50	07/02/24 15:20
480-221314-9	MW-16D	Water	07/02/24 12:00	07/02/24 15:20
480-221314-10	DPE-1	Water	07/02/24 13:20	07/02/24 15:20
480-221314-11	DPE-2	Water	07/02/24 12:40	07/02/24 15:20
480-221314-12	DPE-3	Water	07/02/24 12:25	07/02/24 15:20
480-221314-13	DPE-4	Water	07/02/24 12:30	07/02/24 15:20
480-221314-14	DPE-5	Water	07/02/24 13:00	07/02/24 15:20
480-221314-15	DPE-6	Water	07/02/24 13:40	07/02/24 15:20
480-221314-16	DPE-7	Water	07/02/24 12:15	07/02/24 15:20
480-221314-17	DPE-8	Water	07/02/24 12:10	07/02/24 15:20
480-221314-18	GWCT	Water	07/02/24 12:45	07/02/24 15:20
480-221314-19	Trip Blank	Water	07/02/24 00:00	07/02/24 15:20
480-221314-20	Rinse Blank	Water	07/01/24 14:30	07/02/24 15:20
480-221314-21	Duplicate	Water	07/01/24 00:00	07/02/24 15:20

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-221314-1

Login Number: 221314
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.0 #1 ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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

Chain of Custody Record

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Client Information	Sampler: C. Hancock	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-197220-3450.1
Client Contact: Mr. Dino Zack	Phone: 585-317-6137	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: AECOM	PWSID:			Job #:
Address: 50 Lakefront Boulevard Suite 111	Due Date Requested: STD	Analysis Requested		Preservation Codes: A - HCL, S - H2SO4
City: Buffalo	TAT Requested (days): Per PO			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not requir			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Figgie - GW	Project #: 48002539			
Site: New York	SSOW#:			

480-221314 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - 8260 A	9060A - TOC S	Total Nu	Special Instructions/Note:
			Preservation Code:							
MW-2	7/2/24	1058	G	Water			X	X	6	
MW-11	7/1/24	0940		Water			X	X	6	
MW-8R	7/1/24	1035		Water			X	X	6	
MW-3	7/2/24	0945		Water			X	X	6	
MW-4	7/1/24	1115		Water			X	X	6	
MW-13S	7/1/24	1255		Water			X	X	6	
MW-13D	7/1/24	1340		Water			X	X	6	
MW-16S	7/2/24	1150		Water			X	X	6	
MW-16D		1200		Water			X	X	6	
DPE-1		1320		Water			X	X	6	
DPE-2		1240		Water			X	X	6	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 7/2/24 1800	Company: AECOM	Received by:	Date/Time: 7/2/24 1520	Company: TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: SIO # 1116

Ver: 04/02/2024

7/11/2024

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

Chain of Custody Record

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Client Information	Sampler: C Hamrick's	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-197220-3450.2
Client Contact: Mr. Dino Zack	Phone: 585-317-6137	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: AECOM	PWSID:			Job #:

Address: 50 Lakefront Boulevard Suite 111	Due Date Requested: STD	Analysis Requested
City: Buffalo	TAT Requested (days): REGPO	
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No	
Phone:	PO #: Purchase Order not requir	
Email: dino.zack@aecom.com	WO #:	
Project Name: Scott Figgie - GW	Project #: 48002539	
Site: New York	SSOW#:	

Preservation Codes:
A - HCL
S - H2SO4

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - 8260 A	9060A - TOC S	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
DPE-3	7/12/24	1225	G	Water			X	X	6	
DPE-4		1230		Water			X	X	6	
DPE-5		1300		Water			X	X	6	
DPE-6		1340		Water			X	X	6	
DPE-7		1215		Water			X	X	6	
DPE-8		1210		Water			X	X	6	
GWCT		1245		Water			X		3	
Trip Blank	7/12/24	—		Water			X		2	
Rinse Blank	7/11/24	1430		Water			X	X	3	
Duplicate	7/11/24	—		Water			X	X	3	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 7/12/24 1520	Company: AECOM	Received by:	Date/Time: 7/12/24 1520	Company: TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Dino Zack
AECOM
50 Lakefront Boulevard
Suite 111
Buffalo, New York 14202

Generated 7/11/2024 12:22:44 PM

JOB DESCRIPTION

Scott Figgie West of Plant 2

JOB NUMBER

480-221371-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

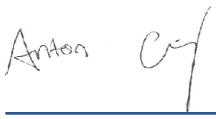
See page two for job notes and contact information.

Job Notes

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

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

Authorization



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

Table of Contents

Definitions/Glossary

Client: AECOM
Job ID: 480-221371-1
Project/Site: Scott Figgie West of Plant 2

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.

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

Job ID: 480-221371-1 Eurofins Buffalo

Job Narrative
480-221371-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 7/3/2024 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

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

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

Job ID: 480-221371-1

Client Sample ID: 3Q24 AS Effluent 7/1/24
Date Collected: 07/01/24 07:00
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-221371-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,1,2-Trichloroethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,1-Dichloroethane	**0.23**		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,1-Dichloroethene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
1,2,4-Trimethylbenzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,2-Dibromoethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,2-Dichlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,2-Dichloroethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,2-Dichloroethene, Total	**33**		0.40	0.40	ppb v/v			07/09/24 17:49	1
1,2-Dichloropropane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,3,5-Trimethylbenzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,3-Butadiene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,3-Dichlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,4-Dichlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
1,4-Dioxane	ND		5.0	5.0	ppb v/v			07/09/24 17:49	1
2,2,4-Trimethylpentane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
2-Chlorotoluene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
3-Chloropropene	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
4-Ethyltoluene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Acetone	**6.1**		5.0	5.0	ppb v/v			07/09/24 17:49	1
Benzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Bromodichloromethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Bromoform	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Bromomethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Carbon disulfide	**0.50**		0.50	0.50	ppb v/v			07/09/24 17:49	1
Carbon tetrachloride	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Chlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Chloroethane	**4.2**		0.50	0.50	ppb v/v			07/09/24 17:49	1
Chloroform	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Chloromethane	**0.61**		0.50	0.50	ppb v/v			07/09/24 17:49	1
cis-1,2-Dichloroethene	**32**		0.20	0.20	ppb v/v			07/09/24 17:49	1
cis-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Cyclohexane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Dibromochloromethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Dichlorodifluoromethane	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
Ethylbenzene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Freon TF	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Hexachlorobutadiene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Isopropyl alcohol	ND		5.0	5.0	ppb v/v			07/09/24 17:49	1
m,p-Xylene	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
Methyl Ethyl Ketone	**2.8**		0.50	0.50	ppb v/v			07/09/24 17:49	1
methyl isobutyl ketone	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
Methyl tert-butyl ether	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1

Client Sample ID: 3Q24 AS Effluent 7/1/24
Date Collected: 07/01/24 07:00
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-221371-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
n-Heptane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
n-Hexane	ND		0.50	0.50	ppb v/v			07/09/24 17:49	1
Styrene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
tert-Butyl alcohol	ND		5.0	5.0	ppb v/v			07/09/24 17:49	1
Tetrachloroethene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Tetrahydrofuran	ND		5.0	5.0	ppb v/v			07/09/24 17:49	1
Toluene	**0.25**		0.20	0.20	ppb v/v			07/09/24 17:49	1
trans-1,2-Dichloroethene	**1.3**		0.20	0.20	ppb v/v			07/09/24 17:49	1
trans-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Trichloroethene	**0.20**		0.20	0.20	ppb v/v			07/09/24 17:49	1
Trichlorofluoromethane	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1
Vinyl chloride	**13**		0.20	0.20	ppb v/v			07/09/24 17:49	1
Xylene (total)	ND		0.70	0.70	ppb v/v			07/09/24 17:49	1
Xylene, o-	ND		0.20	0.20	ppb v/v			07/09/24 17:49	1

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	1.1	ug/m3			07/09/24 17:49	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4	ug/m3			07/09/24 17:49	1
1,1,2-Trichloroethane	ND		1.1	1.1	ug/m3			07/09/24 17:49	1
1,1-Dichloroethane	**0.95**		0.81	0.81	ug/m3			07/09/24 17:49	1
1,1-Dichloroethene	ND		0.79	0.79	ug/m3			07/09/24 17:49	1
1,2,4-Trichlorobenzene	ND		3.7	3.7	ug/m3			07/09/24 17:49	1
1,2,4-Trimethylbenzene	ND		0.98	0.98	ug/m3			07/09/24 17:49	1
1,2-Dibromoethane	ND		1.5	1.5	ug/m3			07/09/24 17:49	1
1,2-Dichlorobenzene	ND		1.2	1.2	ug/m3			07/09/24 17:49	1
1,2-Dichloroethane	ND		0.81	0.81	ug/m3			07/09/24 17:49	1
1,2-Dichloroethene, Total	**130**		1.6	1.6	ug/m3			07/09/24 17:49	1
1,2-Dichloropropane	ND		0.92	0.92	ug/m3			07/09/24 17:49	1
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4	ug/m3			07/09/24 17:49	1
1,3,5-Trimethylbenzene	ND		0.98	0.98	ug/m3			07/09/24 17:49	1
1,3-Butadiene	ND		0.44	0.44	ug/m3			07/09/24 17:49	1
1,3-Dichlorobenzene	ND		1.2	1.2	ug/m3			07/09/24 17:49	1
1,4-Dichlorobenzene	ND		1.2	1.2	ug/m3			07/09/24 17:49	1
1,4-Dioxane	ND		18	18	ug/m3			07/09/24 17:49	1
2,2,4-Trimethylpentane	ND		0.93	0.93	ug/m3			07/09/24 17:49	1
2-Chlorotoluene	ND		1.0	1.0	ug/m3			07/09/24 17:49	1
3-Chloropropene	ND		1.6	1.6	ug/m3			07/09/24 17:49	1
4-Ethyltoluene	ND		0.98	0.98	ug/m3			07/09/24 17:49	1
Acetone	**15**		12	12	ug/m3			07/09/24 17:49	1
Benzene	ND		0.64	0.64	ug/m3			07/09/24 17:49	1
Bromodichloromethane	ND		1.3	1.3	ug/m3			07/09/24 17:49	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.87	ug/m3			07/09/24 17:49	1
Bromoform	ND		2.1	2.1	ug/m3			07/09/24 17:49	1
Bromomethane	ND		0.78	0.78	ug/m3			07/09/24 17:49	1
Carbon disulfide	**1.6**		1.6	1.6	ug/m3			07/09/24 17:49	1
Carbon tetrachloride	ND		1.3	1.3	ug/m3			07/09/24 17:49	1
Chlorobenzene	ND		0.92	0.92	ug/m3			07/09/24 17:49	1

Client Sample ID: 3Q24 AS Effluent 7/1/24
Lab Sample ID: 480-221371-1
Date Collected: 07/01/24 07:00
Matrix: Air
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	**11**		1.3	1.3	ug/m3			07/09/24 17:49	1
Chloroform	ND		0.98	0.98	ug/m3			07/09/24 17:49	1
Chloromethane	**1.3**		1.0	1.0	ug/m3			07/09/24 17:49	1
cis-1,2-Dichloroethene	**130**		0.79	0.79	ug/m3			07/09/24 17:49	1
cis-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			07/09/24 17:49	1
Cyclohexane	ND		0.69	0.69	ug/m3			07/09/24 17:49	1
Dibromochloromethane	ND		1.7	1.7	ug/m3			07/09/24 17:49	1
Dichlorodifluoromethane	ND		2.5	2.5	ug/m3			07/09/24 17:49	1
Ethylbenzene	ND		0.87	0.87	ug/m3			07/09/24 17:49	1
Freon TF	ND		1.5	1.5	ug/m3			07/09/24 17:49	1
Hexachlorobutadiene	ND		2.1	2.1	ug/m3			07/09/24 17:49	1
Isopropyl alcohol	ND		12	12	ug/m3			07/09/24 17:49	1
m,p-Xylene	ND		2.2	2.2	ug/m3			07/09/24 17:49	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0	ug/m3			07/09/24 17:49	1
Methyl Ethyl Ketone	**8.1**		1.5	1.5	ug/m3			07/09/24 17:49	1
methyl isobutyl ketone	ND		2.0	2.0	ug/m3			07/09/24 17:49	1
Methyl tert-butyl ether	ND		0.72	0.72	ug/m3			07/09/24 17:49	1
Methylene Chloride	ND		1.7	1.7	ug/m3			07/09/24 17:49	1
n-Heptane	ND		0.82	0.82	ug/m3			07/09/24 17:49	1
n-Hexane	ND		1.8	1.8	ug/m3			07/09/24 17:49	1
Styrene	ND		0.85	0.85	ug/m3			07/09/24 17:49	1
tert-Butyl alcohol	ND		15	15	ug/m3			07/09/24 17:49	1
Tetrachloroethene	ND		1.4	1.4	ug/m3			07/09/24 17:49	1
Tetrahydrofuran	ND		15	15	ug/m3			07/09/24 17:49	1
Toluene	**0.92**		0.75	0.75	ug/m3			07/09/24 17:49	1
trans-1,2-Dichloroethene	**5.3**		0.79	0.79	ug/m3			07/09/24 17:49	1
trans-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			07/09/24 17:49	1
Trichloroethene	**1.1**		1.1	1.1	ug/m3			07/09/24 17:49	1
Trichlorofluoromethane	ND		1.1	1.1	ug/m3			07/09/24 17:49	1
Vinyl chloride	**32**		0.51	0.51	ug/m3			07/09/24 17:49	1
Xylene (total)	ND		3.0	3.0	ug/m3			07/09/24 17:49	1
Xylene, o-	ND		0.87	0.87	ug/m3			07/09/24 17:49	1

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

Job ID: 480-221371-1

Client Sample ID: 3Q24 LRP Effluent 7/1/24
Date Collected: 07/01/24 07:10
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-221371-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,1,2-Trichloroethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,1-Dichloroethane	**1.0**		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,1-Dichloroethene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
1,2,4-Trimethylbenzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,2-Dibromoethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,2-Dichlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,2-Dichloroethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,2-Dichloroethene, Total	**56**	**E**	0.40	0.40	ppb v/v			07/09/24 18:46	1
1,2-Dichloropropane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,3,5-Trimethylbenzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,3-Butadiene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,3-Dichlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,4-Dichlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
1,4-Dioxane	ND		5.0	5.0	ppb v/v			07/09/24 18:46	1
2,2,4-Trimethylpentane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
2-Chlorotoluene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
3-Chloropropene	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
4-Ethyltoluene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Acetone	**6.2**		5.0	5.0	ppb v/v			07/09/24 18:46	1
Benzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Bromodichloromethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Bromoform	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Bromomethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Carbon disulfide	**0.55**		0.50	0.50	ppb v/v			07/09/24 18:46	1
Carbon tetrachloride	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Chlorobenzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Chloroethane	**2.4**		0.50	0.50	ppb v/v			07/09/24 18:46	1
Chloroform	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Chloromethane	**0.72**		0.50	0.50	ppb v/v			07/09/24 18:46	1
cis-1,2-Dichloroethene	**56**	**E**	0.20	0.20	ppb v/v			07/09/24 18:46	1
cis-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Cyclohexane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Dibromochloromethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Dichlorodifluoromethane	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
Ethylbenzene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Freon TF	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Hexachlorobutadiene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Isopropyl alcohol	ND		5.0	5.0	ppb v/v			07/09/24 18:46	1
m,p-Xylene	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
Methyl Ethyl Ketone	**2.3**		0.50	0.50	ppb v/v			07/09/24 18:46	1
methyl isobutyl ketone	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
Methyl tert-butyl ether	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1

Client Sample ID: 3Q24 LRP Effluent 7/1/24
Lab Sample ID: 480-221371-2

Date Collected: 07/01/24 07:10
Matrix: Air
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
n-Heptane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
n-Hexane	ND		0.50	0.50	ppb v/v			07/09/24 18:46	1
Styrene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
tert-Butyl alcohol	ND		5.0	5.0	ppb v/v			07/09/24 18:46	1
Tetrachloroethene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Tetrahydrofuran	ND		5.0	5.0	ppb v/v			07/09/24 18:46	1
Toluene	**0.67**		0.20	0.20	ppb v/v			07/09/24 18:46	1
trans-1,2-Dichloroethene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
trans-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Trichloroethene	**0.23**		0.20	0.20	ppb v/v			07/09/24 18:46	1
Trichlorofluoromethane	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1
Vinyl chloride	**47**	**E**	0.20	0.20	ppb v/v			07/09/24 18:46	1
Xylene (total)	ND		0.70	0.70	ppb v/v			07/09/24 18:46	1
Xylene, o-	ND		0.20	0.20	ppb v/v			07/09/24 18:46	1

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	1.1	ug/m3			07/09/24 18:46	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4	ug/m3			07/09/24 18:46	1
1,1,2-Trichloroethane	ND		1.1	1.1	ug/m3			07/09/24 18:46	1
1,1-Dichloroethane	**4.1**		0.81	0.81	ug/m3			07/09/24 18:46	1
1,1-Dichloroethene	ND		0.79	0.79	ug/m3			07/09/24 18:46	1
1,2,4-Trichlorobenzene	ND		3.7	3.7	ug/m3			07/09/24 18:46	1
1,2,4-Trimethylbenzene	ND		0.98	0.98	ug/m3			07/09/24 18:46	1
1,2-Dibromoethane	ND		1.5	1.5	ug/m3			07/09/24 18:46	1
1,2-Dichlorobenzene	ND		1.2	1.2	ug/m3			07/09/24 18:46	1
1,2-Dichloroethane	ND		0.81	0.81	ug/m3			07/09/24 18:46	1
1,2-Dichloroethene, Total	**220**	**E**	1.6	1.6	ug/m3			07/09/24 18:46	1
1,2-Dichloropropane	ND		0.92	0.92	ug/m3			07/09/24 18:46	1
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4	ug/m3			07/09/24 18:46	1
1,3,5-Trimethylbenzene	ND		0.98	0.98	ug/m3			07/09/24 18:46	1
1,3-Butadiene	ND		0.44	0.44	ug/m3			07/09/24 18:46	1
1,3-Dichlorobenzene	ND		1.2	1.2	ug/m3			07/09/24 18:46	1
1,4-Dichlorobenzene	ND		1.2	1.2	ug/m3			07/09/24 18:46	1
1,4-Dioxane	ND		18	18	ug/m3			07/09/24 18:46	1
2,2,4-Trimethylpentane	ND		0.93	0.93	ug/m3			07/09/24 18:46	1
2-Chlorotoluene	ND		1.0	1.0	ug/m3			07/09/24 18:46	1
3-Chloropropene	ND		1.6	1.6	ug/m3			07/09/24 18:46	1
4-Ethyltoluene	ND		0.98	0.98	ug/m3			07/09/24 18:46	1
Acetone	**15**		12	12	ug/m3			07/09/24 18:46	1
Benzene	ND		0.64	0.64	ug/m3			07/09/24 18:46	1
Bromodichloromethane	ND		1.3	1.3	ug/m3			07/09/24 18:46	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.87	ug/m3			07/09/24 18:46	1
Bromoform	ND		2.1	2.1	ug/m3			07/09/24 18:46	1
Bromomethane	ND		0.78	0.78	ug/m3			07/09/24 18:46	1
Carbon disulfide	**1.7**		1.6	1.6	ug/m3			07/09/24 18:46	1
Carbon tetrachloride	ND		1.3	1.3	ug/m3			07/09/24 18:46	1
Chlorobenzene	ND		0.92	0.92	ug/m3			07/09/24 18:46	1

Client Sample ID: 3Q24 LRP Effluent 7/1/24
Date Collected: 07/01/24 07:10
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-221371-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	**6.3**		1.3	1.3	ug/m3			07/09/24 18:46	1
Chloroform	ND		0.98	0.98	ug/m3			07/09/24 18:46	1
Chloromethane	**1.5**		1.0	1.0	ug/m3			07/09/24 18:46	1
cis-1,2-Dichloroethene	**220**	**E**	0.79	0.79	ug/m3			07/09/24 18:46	1
cis-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			07/09/24 18:46	1
Cyclohexane	ND		0.69	0.69	ug/m3			07/09/24 18:46	1
Dibromochloromethane	ND		1.7	1.7	ug/m3			07/09/24 18:46	1
Dichlorodifluoromethane	ND		2.5	2.5	ug/m3			07/09/24 18:46	1
Ethylbenzene	ND		0.87	0.87	ug/m3			07/09/24 18:46	1
Freon TF	ND		1.5	1.5	ug/m3			07/09/24 18:46	1
Hexachlorobutadiene	ND		2.1	2.1	ug/m3			07/09/24 18:46	1
Isopropyl alcohol	ND		12	12	ug/m3			07/09/24 18:46	1
m,p-Xylene	ND		2.2	2.2	ug/m3			07/09/24 18:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0	ug/m3			07/09/24 18:46	1
Methyl Ethyl Ketone	**6.9**		1.5	1.5	ug/m3			07/09/24 18:46	1
methyl isobutyl ketone	ND		2.0	2.0	ug/m3			07/09/24 18:46	1
Methyl tert-butyl ether	ND		0.72	0.72	ug/m3			07/09/24 18:46	1
Methylene Chloride	ND		1.7	1.7	ug/m3			07/09/24 18:46	1
n-Heptane	ND		0.82	0.82	ug/m3			07/09/24 18:46	1
n-Hexane	ND		1.8	1.8	ug/m3			07/09/24 18:46	1
Styrene	ND		0.85	0.85	ug/m3			07/09/24 18:46	1
tert-Butyl alcohol	ND		15	15	ug/m3			07/09/24 18:46	1
Tetrachloroethene	ND		1.4	1.4	ug/m3			07/09/24 18:46	1
Tetrahydrofuran	ND		15	15	ug/m3			07/09/24 18:46	1
Toluene	**2.5**		0.75	0.75	ug/m3			07/09/24 18:46	1
trans-1,2-Dichloroethene	ND		0.79	0.79	ug/m3			07/09/24 18:46	1
trans-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			07/09/24 18:46	1
Trichloroethene	**1.3**		1.1	1.1	ug/m3			07/09/24 18:46	1
Trichlorofluoromethane	ND		1.1	1.1	ug/m3			07/09/24 18:46	1
Vinyl chloride	**120**	**E**	0.51	0.51	ug/m3			07/09/24 18:46	1
Xylene (total)	ND		3.0	3.0	ug/m3			07/09/24 18:46	1
Xylene, o-	ND		0.87	0.87	ug/m3			07/09/24 18:46	1

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,1,2,2-Tetrachloroethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,1,2-Trichloroethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,1-Dichloroethane	**1.0**		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,1-Dichloroethene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,2,4-Trichlorobenzene	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
1,2,4-Trimethylbenzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,2-Dibromoethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,2-Dichlorobenzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,2-Dichloroethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,2-Dichloroethene, Total	**55**		0.80	0.80	ppb v/v			07/09/24 19:41	2
1,2-Dichloropropane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,2-Dichlorotetrafluoroethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,3,5-Trimethylbenzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2

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

Job ID: 480-221371-1

Client Sample ID: 3Q24 LRP Effluent 7/1/24
Date Collected: 07/01/24 07:10
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-221371-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,3-Dichlorobenzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,4-Dichlorobenzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
1,4-Dioxane	ND		10	10	ppb v/v			07/09/24 19:41	2
2,2,4-Trimethylpentane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
2-Chlorotoluene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
3-Chloropropene	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
4-Ethyltoluene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Acetone	ND		10	10	ppb v/v			07/09/24 19:41	2
Benzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Bromodichloromethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Bromoethene(Vinyl Bromide)	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Bromoform	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Bromomethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Carbon disulfide	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
Carbon tetrachloride	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Chlorobenzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Chloroethane	**2.4**		1.0	1.0	ppb v/v			07/09/24 19:41	2
Chloroform	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Chloromethane	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
cis-1,2-Dichloroethene	**55**		0.40	0.40	ppb v/v			07/09/24 19:41	2
cis-1,3-Dichloropropene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Cyclohexane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Dibromochloromethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Dichlorodifluoromethane	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
Ethylbenzene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Freon TF	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Hexachlorobutadiene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Isopropyl alcohol	ND		10	10	ppb v/v			07/09/24 19:41	2
m,p-Xylene	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
Methyl Ethyl Ketone	**2.2**		1.0	1.0	ppb v/v			07/09/24 19:41	2
methyl isobutyl ketone	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
Methyl tert-butyl ether	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Methylene Chloride	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
n-Heptane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
n-Hexane	ND		1.0	1.0	ppb v/v			07/09/24 19:41	2
Styrene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
tert-Butyl alcohol	ND		10	10	ppb v/v			07/09/24 19:41	2
Tetrachloroethene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Tetrahydrofuran	ND		10	10	ppb v/v			07/09/24 19:41	2
Toluene	**0.63**		0.40	0.40	ppb v/v			07/09/24 19:41	2
trans-1,2-Dichloroethene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
trans-1,3-Dichloropropene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Trichloroethene	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Trichlorofluoromethane	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2
Vinyl chloride	**46**		0.40	0.40	ppb v/v			07/09/24 19:41	2
Xylene (total)	ND		1.4	1.4	ppb v/v			07/09/24 19:41	2

Client Sample ID: 3Q24 LRP Effluent 7/1/24
Date Collected: 07/01/24 07:10
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-221371-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylene, o-	ND		0.40	0.40	ppb v/v			07/09/24 19:41	2

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.2	2.2	ug/m3			07/09/24 19:41	2
1,1,2,2-Tetrachloroethane	ND		2.7	2.7	ug/m3			07/09/24 19:41	2
1,1,2-Trichloroethane	ND		2.2	2.2	ug/m3			07/09/24 19:41	2
1,1-Dichloroethane	**4.0**		1.6	1.6	ug/m3			07/09/24 19:41	2
1,1-Dichloroethene	ND		1.6	1.6	ug/m3			07/09/24 19:41	2
1,2,4-Trichlorobenzene	ND		7.4	7.4	ug/m3			07/09/24 19:41	2
1,2,4-Trimethylbenzene	ND		2.0	2.0	ug/m3			07/09/24 19:41	2
1,2-Dibromoethane	ND		3.1	3.1	ug/m3			07/09/24 19:41	2
1,2-Dichlorobenzene	ND		2.4	2.4	ug/m3			07/09/24 19:41	2
1,2-Dichloroethane	ND		1.6	1.6	ug/m3			07/09/24 19:41	2
1,2-Dichloroethene, Total	**220**		3.2	3.2	ug/m3			07/09/24 19:41	2
1,2-Dichloropropane	ND		1.8	1.8	ug/m3			07/09/24 19:41	2
1,2-Dichlorotetrafluoroethane	ND		2.8	2.8	ug/m3			07/09/24 19:41	2
1,3,5-Trimethylbenzene	ND		2.0	2.0	ug/m3			07/09/24 19:41	2
1,3-Butadiene	ND		0.88	0.88	ug/m3			07/09/24 19:41	2
1,3-Dichlorobenzene	ND		2.4	2.4	ug/m3			07/09/24 19:41	2
1,4-Dichlorobenzene	ND		2.4	2.4	ug/m3			07/09/24 19:41	2
1,4-Dioxane	ND		36	36	ug/m3			07/09/24 19:41	2
2,2,4-Trimethylpentane	ND		1.9	1.9	ug/m3			07/09/24 19:41	2
2-Chlorotoluene	ND		2.1	2.1	ug/m3			07/09/24 19:41	2
3-Chloropropene	ND		3.1	3.1	ug/m3			07/09/24 19:41	2
4-Ethyltoluene	ND		2.0	2.0	ug/m3			07/09/24 19:41	2
Acetone	ND		24	24	ug/m3			07/09/24 19:41	2
Benzene	ND		1.3	1.3	ug/m3			07/09/24 19:41	2
Bromodichloromethane	ND		2.7	2.7	ug/m3			07/09/24 19:41	2
Bromoethene(Vinyl Bromide)	ND		1.7	1.7	ug/m3			07/09/24 19:41	2
Bromoform	ND		4.1	4.1	ug/m3			07/09/24 19:41	2
Bromomethane	ND		1.6	1.6	ug/m3			07/09/24 19:41	2
Carbon disulfide	ND		3.1	3.1	ug/m3			07/09/24 19:41	2
Carbon tetrachloride	ND		2.5	2.5	ug/m3			07/09/24 19:41	2
Chlorobenzene	ND		1.8	1.8	ug/m3			07/09/24 19:41	2
Chloroethane	**6.4**		2.6	2.6	ug/m3			07/09/24 19:41	2
Chloroform	ND		2.0	2.0	ug/m3			07/09/24 19:41	2
Chloromethane	ND		2.1	2.1	ug/m3			07/09/24 19:41	2
cis-1,2-Dichloroethene	**220**		1.6	1.6	ug/m3			07/09/24 19:41	2
cis-1,3-Dichloropropene	ND		1.8	1.8	ug/m3			07/09/24 19:41	2
Cyclohexane	ND		1.4	1.4	ug/m3			07/09/24 19:41	2
Dibromochloromethane	ND		3.4	3.4	ug/m3			07/09/24 19:41	2
Dichlorodifluoromethane	ND		4.9	4.9	ug/m3			07/09/24 19:41	2
Ethylbenzene	ND		1.7	1.7	ug/m3			07/09/24 19:41	2
Freon TF	ND		3.1	3.1	ug/m3			07/09/24 19:41	2
Hexachlorobutadiene	ND		4.3	4.3	ug/m3			07/09/24 19:41	2
Isopropyl alcohol	ND		25	25	ug/m3			07/09/24 19:41	2
m,p-Xylene	ND		4.3	4.3	ug/m3			07/09/24 19:41	2
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	4.1	ug/m3			07/09/24 19:41	2

Client: AECOM
Job ID: 480-221371-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: 3Q24 LRP Effluent 7/1/24
Lab Sample ID: 480-221371-2
Date Collected: 07/01/24 07:10
Matrix: Air
Date Received: 07/03/24 10:40
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**6.5**		2.9	2.9	ug/m3			07/09/24 19:41	2
methyl isobutyl ketone	ND		4.1	4.1	ug/m3			07/09/24 19:41	2
Methyl tert-butyl ether	ND		1.4	1.4	ug/m3			07/09/24 19:41	2
Methylene Chloride	ND		3.5	3.5	ug/m3			07/09/24 19:41	2
n-Heptane	ND		1.6	1.6	ug/m3			07/09/24 19:41	2
n-Hexane	ND		3.5	3.5	ug/m3			07/09/24 19:41	2
Styrene	ND		1.7	1.7	ug/m3			07/09/24 19:41	2
tert-Butyl alcohol	ND		30	30	ug/m3			07/09/24 19:41	2
Tetrachloroethene	ND		2.7	2.7	ug/m3			07/09/24 19:41	2
Tetrahydrofuran	ND		29	29	ug/m3			07/09/24 19:41	2
Toluene	**2.4**		1.5	1.5	ug/m3			07/09/24 19:41	2
trans-1,2-Dichloroethene	ND		1.6	1.6	ug/m3			07/09/24 19:41	2
trans-1,3-Dichloropropene	ND		1.8	1.8	ug/m3			07/09/24 19:41	2
Trichloroethene	ND		2.1	2.1	ug/m3			07/09/24 19:41	2
Trichlorofluoromethane	ND		2.2	2.2	ug/m3			07/09/24 19:41	2
Vinyl chloride	**120**		1.0	1.0	ug/m3			07/09/24 19:41	2
Xylene (total)	ND		6.1	6.1	ug/m3			07/09/24 19:41	2
Xylene, o-	ND		1.7	1.7	ug/m3			07/09/24 19:41	2

Lab Chronicle

Client: AECOM
Job ID: 480-221371-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: 3Q24 AS Effluent 7/1/24
Lab Sample ID: 480-221371-1

Date Collected: 07/01/24 07:00
Matrix: Air
Date Received: 07/03/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	206107	A1B	EET BUR	07/09/24 17:49

Client Sample ID: 3Q24 LRP Effluent 7/1/24
Lab Sample ID: 480-221371-2

Date Collected: 07/01/24 07:10
Matrix: Air
Date Received: 07/03/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	206107	A1B	EET BUR	07/09/24 18:46
Total/NA	Analysis	TO-15	DL	2	206107	A1B	EET BUR	07/09/24 19:41

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM
Job ID: 480-221371-1
Project/Site: Scott Figgie West of Plant 2

Laboratory: Eurofins Burlington

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

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-19-25
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-24
New Hampshire	NELAP	2006	12-18-24
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-25
Pennsylvania	NELAP	68-00489	04-30-25
Rhode Island	State	LAO00298	12-31-24
US Fish & Wildlife	US Federal Programs	058448	07-31-24
USDA	US Federal Programs	P330-17-00272	12-19-26
Vermont	State	VT4000	02-10-25
Virginia	NELAP	460209	12-14-24
Wisconsin	State	399140830	08-31-24

Method Summary

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

Job ID: 480-221371-1

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: AECOM
Job ID: 480-221371-1
Project/Site: Scott Figgie West of Plant 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-221371-1	3Q24 AS Effluent 7/1/24	Air	07/01/24 07:00	07/03/24 10:40	Air Canister (6-Liter) #3303
480-221371-2	3Q24 LRP Effluent 7/1/24	Air	07/01/24 07:10	07/03/24 10:40	Air Canister (6-Liter) #5420

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
480-221371	07/05/24	11:05	29.8	25	G33	JR

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
480-221371-A-1	3303	0.0	N	N/A	N/A	N/A	3283-60671	GRAB
480-221371-A-2	5420	-1.2	N	N/A	N/A	N/A	3283-60671	GRAB

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-221371-1

Login Number: 221371
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Buffalo

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

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802 660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

480-221371 Chain of Custody

Client Contact Information	**Client Project Manager:** Brian Fisher	**Samples Collected By:** Dina Zack	COC No.
Company Name: AECOM	**Phone:** 716 866 8222		1 of 1 COCs
Address: 50 Lakefront Blvd Suite 111	**Email:** Dina.Zack@aecom.com		TALS Project #:
City/State/Zip: Buffalo, NY 14202			**For Lab Use Only:**
Phone: 716 866 8222	**Site Contact:** Dina Zack		Walk-in Client:
FAX.	**Tel/Fax** 716 866 8222		Lab Sampling
Project Name: West Plant 2	**Analysis Turnaround Time**		
Site/Location: Lancaster, NY	Standard (Specific).		Job / SDG No.
P O #	Rush (Specifiy):		(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM All SIMs	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
3Q24 AS Effluent	7/1/24	0700	7/1/24	0700	-30.2	NA	NA	3303		X													per PO
3Q24 LRP Effluent	7/1/24	0710	7/1/24	0710	-30.2	NA	NA	5420		X													per PO

	Temperature (Fahrenheit)		
	Interior	Ambient	
Start			
Stop			

	Pressure (inches of Hg)		
	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Dina Zack	**Date / Time:** 7/1/24 1000hrs	**Samples Received by:** Lisa Sabo 7/3/24 1040
Samples Relinquished by:	**Date / Time:**	**Received by:**
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

7/11/2024


EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 14.00 LB
CAD: 0759273/CAFE3808

BILL RECIPIENT

Part # 159469-434 MTW EXP 03/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON AIR

FedEx Express

TRK# 0201 7117 9321 5034

WED - 03 JUL 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV