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May 8, 2025

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MAY 16 2025

SITE ASSESSMENT,
REMEDICATION, &
REVITALIZATION

Re: Fall 2024 Semi-Annual Groundwater Monitoring Report
Delavan Spray Technologies Site
Bamberg, South Carolina
SCDHEC VCC Number 13-4762-RP
SCDHEC File Number 51778
AECOM Project Number 60730348

Dear Ms. Devlin:

AECOM Technical Services, Inc. (AECOM) has prepared one (1) hard copy and one (1) electronic copy of the Fall 2024 Semi-Annual Groundwater Monitoring Report for the Delavan Spray Technologies Site. This report is being submitted to the Department in accordance with the Remedial Investigation Work Plan (Hart & Hickman, August 1, 2013) and Voluntary Clean-up Contract (VCC) number 13-4762-RP, which was signed on July 3, 2013.

If you have any questions or require further information, please feel free to contact me.

Sincerely,

AECOM Technical Services, Inc.

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MAY 16 2025

SITE ASSESSMENT,
REMEDICATION, &
REVITALIZATION

Fall 2024 Semi-Annual Groundwater Monitoring Report

Delavan Spray Technologies Site

4334 Main Highway
US Highway 301 South
Bamberg, South Carolina
VCC 13-4762-RP

Prepared by:
AECOM Technical Services, Inc.
10 Patewood Drive
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Greenville, South Carolina 29615

May 2025

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FALL 2024 SEMI-ANNUAL GROUNDWATER MONITORING REPORT

DELAVAN SPRAY TECHNOLOGIES SITE BAMBERG, SOUTH CAROLINA

RESPONSIBILITY PARTY VOLUNTARY CLEANUP CONTRACT NUMBER 13-4762

The undersigned certify that they have reviewed the attached document and that the document is in material compliance with the guidelines and requirements of the State of South Carolina and the South Carolina Department of Health and Environmental Control (SCDHEC) and specifically, requirements under the SCDHEC Voluntary Cleanup Contract (VCC). The data presentations contained herein are consistent with generally accepted practices in the environmental profession.

Prepared by:

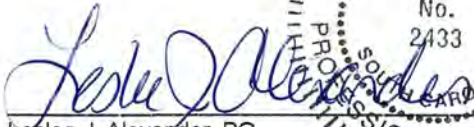


Ian J. Ros, PE
AECOM Remediation Engineer

5/8/2025

Date

Reviewed by:



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5/8/2025

Date



Conan Fitzgerald, PE
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5/8/2025

Date

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1. Introduction

AECOM Technical Services, Inc. (AECOM) has prepared this *Fall 2024 Semi-Annual Groundwater Monitoring Report* for the Delavan Spray Technologies Site (the Site). The Site is located at 4334 Main Highway (US Highway 301 South) in Bamberg, South Carolina (**Figure 1**). The Fall 2024 semi-annual groundwater sampling was completed to meet the on-going monitoring requirements of the Voluntary Cleanup Contract (VCC) (VCC 13-4762-RP) that was signed between South Carolina Department of Health and Environmental Control (SCDHEC; now South Carolina Department of Environmental Services [SCDES]) and Delavan Spray, LLC (Delavan; SCDHEC, 2013) and in accordance with the *Remedial Investigation Work Plan* (Hart & Hickman [H&H], 2013) that was approved by SCDHEC on October 22, 2013.

In accordance with the *Interim Removal Action Work Plan* (AECOM, June 2021) that was submitted and approved by SCDHEC in correspondence dated June 28, 2021, installation of the soil vapor extraction (SVE) system was completed in June 2022. Additional details of the SVE remediation system (SVE system) construction and installation were provided in the *Construction Completion Report* submitted on August 11, 2022 (AECOM, August 2022). Ongoing operations and performance of the SVE system are documented in this report.

This report is organized as follows:

- **Section 2.0** provides a brief overview of the Site;
- **Section 3.0** describes the semi-annual monitoring activities;
- **Section 4.0** presents the semi-annual monitoring results;
- **Section 5.0** provides a summary of the SVE system operation and performance since implementation;
- **Section 6.0** summarizes conclusions based on the semi-annual monitoring results and SVE system performance; and
- **Section 7.0** provides cited references.

2. Overview of the Site

The facility manufactures several types of metal spray nozzles for fuel oils. The Site is comprised of a main manufacturing building and smaller associated support buildings, which are located on approximately 20 acres. A Site layout map is provided as **Figure 2** and a map of the monitoring well network is provided as **Figure 3**.

2.1 Background

Assessment activities were initiated at the Site in 2003, after chlorinated volatile organic compounds (VOCs) were detected in groundwater beneath the Site (H&H, 2003). The primary compounds of concern were reported to be tetrachloroethene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), and vinyl chloride (VC).

In 2005, H&H injected Hydrogen Release Compound® (HRC) into shallow groundwater near monitoring wells MW-1, MW-9 and MW-10 to stimulate natural biodegradation of chlorinated compounds in groundwater (H&H, 2006). Post-injection monitoring was conducted by H&H between 2005 and 2007. The results indicated that chlorinated compound concentrations were reduced in Site groundwater (H&H, 2007). However, VOCs remained in the groundwater at these locations at concentrations exceeding the United States Environmental Protection Agency (USEPA) maximum contaminant levels (MCLs) for drinking water.

Between 2007 and 2011, H&H conducted multiple groundwater assessments at the Site and surrounding area to further delineate the horizontal and vertical extent of VOCs detected in groundwater. A semi-annual groundwater monitoring program was also instituted to evaluate any changes to groundwater conditions at the Site.

A source area investigation was completed at the Site in August 2012 to determine the nature and general extent of compounds of concern at the Site. The results of the August 2012 assessment indicated that VOC impacts to soil and groundwater are present at the former PCE underground storage tank (UST), and soil VOC impacts are present at both former degreaser areas, the former northern secondary containment area, and the northeastern wooded area. No soil VOC impacts were identified in the northwestern wooded area, and no VOC groundwater impacts were identified at the former northern secondary containment area (H&H, 2012 and 2013).

On July 5, 2013, a VCC between Delavan Spray, LLC and SCDHEC was executed (VCC 13-4762-RP). In accordance with Section 3 of the VCC, a Remedial Investigation (RI) was conducted in February/March 2014 (AECOM, 2014). The RI results provided further delineation of VOCs in soil and groundwater beneath the Site. Furthermore, the RI sampling results were used in conjunction with existing data to complete a Human Health Risk Assessment (HHRA) and an Ecological Risk Assessment.

No additional VOC source areas were identified in soil as a result of the RI. However, following SCDHEC's review of the RI report, SCDHEC requested additional soil assessment to delineate VOC impacts in the vicinity of the northern former degreaser and additional monitoring wells to delineate VOC impacts in the shallow and deeper (limestone) aquifers. The additional assessment activities were incorporated into the *Post RI Work Plan* (AECOM, 2015), which was implemented in late November 2015. The analytical results were presented in the *Post RI Report* (AECOM, May 2016) and provided further delineation of VOCs in soil and groundwater at the Site.

Following the *Post RI Report*, SCDHEC requested a "work plan for delineation of the shallow and deep groundwater plumes." The *Groundwater Delineation Work Plan* (AECOM, September 2016), which included groundwater screening with temporary wells and permanent monitoring well installation, was approved by SCDHEC in correspondence dated October 31, 2016, and was implemented between March 27, 2017 and May 10, 2017. The results of the investigation, which are documented in the *Groundwater Delineation Report* (AECOM, June 2017), confirmed the presence of PCE concentrations greater than the MCL in the limestone aquifer monitoring wells ~3,200 feet south/southwest of the Site.

SCDHEC approved the *Groundwater Delineation Report* in correspondence dated June 26, 2017 and agreed with the report's recommendation that additional delineation was needed for PCE in the limestone aquifer south/southwest of the monitoring well network. The *Limestone Aquifer Assessment Work Plan* was submitted to SCDHEC on October 13,

2017 to address these recommendations. Delavan and AECOM participated in a conference call with SCDHEC on June 27, 2018 to discuss potential next steps and revisions to the additional assessment activities proposed in the *Limestone Aquifer Assessment Work Plan* (AECOM, October 2017). The revised work plan was submitted on August 27, 2018 and approved in correspondence from SCDHEC dated September 20, 2018. The work plan was implemented in November 2019 once off-Site access agreements were established and included the installation of four additional limestone aquifer monitoring wells to delineate the PCE plume in the limestone aquifer. Concentrations of PCE and its degradation products (TCE, cis-1,2-DCE, and vinyl chloride) were below their respective MCLs and these wells completed the delineation of PCE in the limestone downgradient of the Site (AECOM, June 2020).

After their review of the *Limestone Aquifer Assessment Work Plan*, in correspondence dated December 18, 2017, SCDHEC requested that Delavan conduct sampling of residential drinking water wells downgradient of the Site. Delavan and AECOM worked with SCDHEC to sample select residential drinking water wells:

- Along Lemon Creek and Orange Grove Roads between US Highway 301 (Main Highway) and US Highway 601 (Broxton Bridge Road) south/southwest of the Site (22 wells);
- Along Broxton Bridge Road between US Highway 301 and Orange Grove Road southeast of the Site (3 wells); and
- Along US Highway 301 southwest of the Site (2 wells).

Samples were collected from 27 residential wells between January and April 2018 and submitted for analysis of PCE and select degradation products (see Figure 4 of the *Fall 2019 Semi-Annual Groundwater Monitoring Report*; AECOM, February 2020). In nine of the samples, PCE was detected at low levels below its USEPA MCL of five micrograms per liter (5 µg/L). Subsequently, PCE was detected in two additional residential wells in November 2018 and one additional well in April 2019. PCE was not detected in the remaining residential well samples (AECOM, February 2018; June 2018, January 2019, and June 2019). Although the PCE detections in the residential wells were well below the MCL, Delavan proactively offered to install granular activated carbon (GAC) treatment units on the drinking water wells where the PCE was detected at no cost to the residents (note: one impacted residential well is used for irrigation water only and, therefore, a GAC unit was not installed on this well). All 11 residents with impacted drinking water wells elected to have GAC units installed. Eight of the GAC treatment units were installed in July 2018 and treatment verification sampling was completed in August and September 2018 (AECOM, January 2019). Three additional GAC treatment units were installed in October 2019 and verification sampling was completed in November 2019 (AECOM, February 2020).

Following completion of the limestone aquifer delineation field work, personnel from Raytheon Technologies Corporation and AECOM, on behalf of Delavan, met with SCDHEC to discuss the results of the off-Site delineation and the path forward for the Site. Following this meeting, SCDHEC requested that surface water samples be collected from the unnamed tributary to Lemon Creek during the next semi-annual sampling effort (SCDHEC, March 2020). AECOM submitted the proposed plan for surface water sampling to SCDHEC on March 25, 2020 and SCDHEC approved the plan in correspondence dated April 7, 2020. Surface water sampling has been included in the semi-annual monitoring events since April 2020 and the results from the Fall 2024 event are discussed in **Section 4.3** of this report.

In addition to completing the off-Site delineation, Delavan prioritized developing plans to address elevated concentrations of chlorinated VOCs (cVOCs) in residual "source areas" beneath the Facility, specifically where there are "hot spots" in shallow groundwater in the vicinity of the former PCE degreasers and the former PCE underground storage tank. To address these "hot spots", Delavan and AECOM also prepared a work plan for high resolution site characterization (HRSC) of the "hot spots" beneath the Facility using membrane interface probe (MIP) and hydraulic profiling tool (HPT) technology. This work plan was submitted to SCDHEC on February 11, 2019 and was approved by SCDHEC in correspondence dated March 1, 2019. The HRSC investigation was completed in July 2020; the report was submitted on March 9, 2021 and approved by SCDHEC in correspondence dated April 19, 2021.

A call was held with SCDHEC on June 1, 2021 to discuss interim measures to address soil impacts at the Site. Subsequent to this call, an *Interim Removal Action Work Plan* (AECOM, June 2021) for installation of an SVE system at the Site was submitted and approved by SCDHEC in correspondence dated June 28, 2021. Installation of the

horizontal extraction wells for the SVE system was completed in late September 2021. The system was installed in 2022, with formal startup in June 2022. These activities were documented in the *Construction Completion Report – SVE System* (AECOM, August 2022).

In November of 2021, per the request of the SCDHEC during the June 1 call, AECOM submitted a site-wide Feasibility Study (FS) Report (AECOM, November 2021). Following their review, SCDHEC requested revisions to the FS Report to include remedies for the off-Site groundwater impacts. The report was revised to an *On-Site Focused FS*, submitted to SCHDEC on February 7, 2023, and a separate *FS Work Plan for Off-Site Areas* was submitted to SCDHEC on February 14, 2023. SCHDEC approved the *FS Work Plan for Off-Site Areas* on July 24, 2023, and the *On-Site Focused FS* on September 26, 2023.

As part of the *FS Work Plan for Off-Site Areas*, an off-Site remedial investigation (RI) was performed beginning in 2023 and extending through 2024. The activities performed during the off-Site RI included cVOC trends and plume stability analyses, soil and groundwater investigations, a total oxidant demand (TOD) and in situ chemical oxidation (ISCO) treatability study, additional surface water sampling and investigation, and characterization of cVOC mass flux. The *Off-Site RI Report* was submitted to the SCDES on September 20, 2024; the report was reviewed by the SCDES as indicated in correspondence dated October 23, 2024. The results and conclusions of the *Off-Site RI Report* were used to support the *Focused FS for Off-Site Areas* which was submitted to SCDES on December 13, 2024. The *Focused FS for Off-Site Areas* is currently in review by the department.

2.2 Geology

The Site lies within the western portion of the South Carolina Coastal Plain Province, which is characterized as a seaward thickening wedge of sediments from the fall line to the coast. These sediments consist of sands, silts, clays and limestones; representing a variety of non-marine and marine depositional environments.

For the purposes of Site characterization, the Delavan Spray Technologies Site geology has been subdivided into three general geologic zones by previous investigators. The upper zone consists of undifferentiated sands, clayey sands, sandy clays, and silts. In the northern portion of the Site, these sediments tend to contain a higher percentage of clay and silty layers. The middle zone consists of fossiliferous limestone; with a layer of pale yellow, poorly cemented, coarse shell fragments overlying a layer of white, poorly- to moderately-cemented limestone containing finer-grained shell fragments. The lower geologic zone has been described as a loose- to moderately-cemented, calcareous, fine- to medium-grained clayey sandstone based on borings for monitoring wells MW-3D1 and MW-15D1 (H&H, August 2013). However, this zone was not encountered during the limestone aquifer delineation downgradient (south) of the Site, where the white, cemented limestone and shell fragments were observed to become finer-grained and persist to a depth of at least 84 feet below ground surface. These relationships were illustrated on cross-sections included as Figure 3 of the *Deep Groundwater Delineation Technical Memorandum* (AECOM, June 2020).

2.3 Hydrogeology

Groundwater occurrence in the Coastal Plain is typically within the intergranular pore spaces of the sands, silts and limestones (primary porosity) and within solution cavities or fractures of indurated sediments (secondary porosity). Primary production of groundwater occurs from within the more permeable units, while lower permeability clay layers typically retard groundwater movement. Recharge for significant aquifers in the Coastal Plain occurs both as transport from up-dip areas, toward the Fall Line, where the sediments are generally exposed at the land surface and as leakage from adjacent aquifer units through lower permeability aquitards.

3. Groundwater Monitoring Procedures

Fall 2024 semi-annual monitoring activities were completed by AECOM personnel on October 28 and 29, 2024. Monitoring activities were conducted in accordance with the schedule and procedures documented in the *Revised Sampling and Analysis Plan* (SAP; AECOM, September 2022).

Semi-annual monitoring activities included:

- Groundwater level measurements were collected from 46 existing monitoring wells (locations of the monitoring wells are illustrated in **Figure 3**);
- Groundwater samples were collected from 46 existing monitoring wells using passive sampling techniques. Groundwater indicator parameters were collected from 45 of the 46 monitoring wells. Parameters could not be collected from MW-20 due to insufficient water volume. All 46 groundwater samples were submitted for analysis of VOCs;
- Surface water samples were collected from five locations:
 - o Halfmoon Branch at the intersection with Main Highway (US Highway 301);
 - o Lemon Creek at the intersection with Main Highway (US Highway 301);
 - o Lemon Creek at the intersection with Broxton Bridge Road (US Highway 601);
 - o Lemon Creek at the intersection with the power line right-of-way; and
 - o Lemon Creek at the intersection with Carlisle Street (State Rd S-5-77).

In addition, drinking water samples were collected from nine residential wells on January 16, 2025 (locations of the residential wells are illustrated in **Figure 4**). Two residential wells (698 LCR and 715 LCR) were not functional at the time of sampling and, therefore, were not sampled. Residential well sampling activities and results are presented in a separate technical memorandum, which has been included as **Appendix A**.

The depth to water in the monitoring wells was measured using an electronic water level meter on October 28, 2024, prior to the start of sampling activities. The water levels were used to create potentiometric maps of the aquifer zones discussed in **Section 4.1**.

Polyethylene passive diffusion bags (PDBs) were installed in small diameter (<2 inch) wells MW-19, MW-20, and MW-37 and HydraSleeve[®] devices were installed in the remaining monitoring wells after groundwater was sampled during the previous sampling events. Each PDB/HydraSleeve[®] was attached to a new nylon or polyethylene rope with a stainless-steel weight attached. The devices were lowered into the wells and installed within the screen interval at least 1-2 feet above the bottom of the well and allowed to equilibrate until the October 2024 sampling event. Each PDB/HydraSleeve[®] was sampled by slowly transferring the water from the device through the dedicated discharge device, or small discharge hole, directly into the laboratory-provide sample containers.

Any water remaining in the PDB/HydraSleeve[®] after sample collection was transferred to the measurement cup for the water quality meter. Groundwater quality indicator parameters of pH, specific conductance, dissolved oxygen (DO), oxidation-reduction potential (ORP), turbidity, and temperature were measured with the water quality meter and recorded on the Field Screening Results form, which is included in **Appendix B**. Surface water samples were collected with a peristaltic pump and field parameters at the time of sampling were also recorded on the Field Screening Results form (**Appendix B**).

Upon collection, all groundwater and surface water samples were labeled, preserved on ice, and kept under chain-of-custody protocol until received at the subcontract analytical laboratory. The samples were received by the laboratory in good condition with no quality assurance (QA) / quality control (QC) issues. Chain-of-custody forms are included in **Appendix B**.

All monitoring well groundwater samples and surface water samples were analyzed for VOCs by USEPA Method 8260D. Monitoring well groundwater and surface water samples were analyzed by SGS North American, Inc., located in Orlando, Florida, a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and State of South Carolina certified laboratory. Laboratory analytical data packages are provided in **Appendix C**.

4. Results

4.1 Groundwater Flow

Water level measurements collected on October 28, 2024 are summarized in **Table 1** along with their corresponding groundwater elevations. Groundwater elevations measured in monitoring wells completed in the shallow aquifer zone and deeper limestone aquifer zone were used to create potentiometric maps of the shallow water-table surface (**Figure 5**) and the deeper limestone water-table surface (**Figure 6**).

Based on the October 2024 water level elevations within the shallow aquifer zone, the potentiometric surface occurred between 131.58 and 139.07 feet in elevation. Shallow water level elevations were 0.51 feet lower on average than those collected during the Spring 2024 groundwater monitoring event (April 2024). Compared to shallow aquifer zone water levels measured during the Fall 2023 groundwater monitoring event (November 2023), October 2024 water levels, on average, were 1.40 feet higher. These differences are likely attributable to precipitation differences during these time periods. Shallow flow patterns resulting from the October 2024 water level measurements are similar to those observed previously at the Site. The potentiometric contour lines indicate groundwater flow beneath the Facility varies between southwestward and westward flow directions, with a local groundwater depression beneath the Facility building at monitoring wells MW-1, MW-3, MW-7, MW-8, and MW-21. This phenomenon was previously recognized in the *RI Work Plan* (H&H, August 2013) and characterized as a “groundwater trough”, a feature that has been observed to extend to MW-5, MW-6, and MW-10 during previous field investigation efforts. The variances in groundwater elevation and flow directions in this portion of the Site could be the result of preferential flow pathways resulting from higher permeability zones due to local facies changes or induced drainage from the sanitary sewer line or incised drainage ditch, which forms the northern boundary of the Facility. However, the primary shallow horizontal groundwater flow direction is inferred to be toward the west, toward Halfmoon Branch, which is consistent with findings from prior investigations conducted at the Site. A local groundwater high, which has intermittently been present during past monitoring events, was observed at MW-27.

Based on the October 2024 water level elevations within the deeper limestone aquifer zone, the potentiometric surface occurred between 128.48 and 134.65 feet in elevation. Groundwater elevations in the deeper limestone aquifer zone in October 2024 were on average 0.02 feet lower than those measured during the April 2024 groundwater monitoring event and 0.68 feet higher than those measured during the November 2023 groundwater monitoring event. From the equal potential lines, the inferred horizontal groundwater flow direction is to the south-southwest in the Site vicinity and then to the south/southeast in the southern portion of the monitoring well network. The groundwater flow direction observed in October 2024 was consistent with regional topography, drainage, and findings from prior investigations conducted at the Site.

During the October 2024 groundwater monitoring event, vertical gradients between the shallow aquifer and deeper limestone aquifer were downward (positive) for all measured well pairs (e.g., MW-3/MW-3D, MW-9/MW-9D, MW-10/MW-10D, MW-14/MW-14D, MW-16/MW-16D, and MW-21/MW-21D), with the exception of MW-15/MW-15D, which had an upward (negative) gradient. Downward gradients for the shallow to deeper limestone aquifer ranged from 9.82E-03 feet per foot (ft/ft) at MW-16/MW-16D to 7.12E-02 ft/ft at MW-9/MW-9D. The well pair MW-15/MW-15D is located nearest to Halfmoon Branch and has historically exhibited an upward gradient. MW-15/MW-15D exhibited an upward gradient with a magnitude of 6.63E-02 ft/ft in October 2024. The next nearest well pair is MW-16/MW-16D, which is located approximately 350 feet away from MW-15/MW-15D and Halfmoon Branch, exhibited a downward gradient with a magnitude of 9.82E-03 ft/ft in October 2024. Vertical gradients between the deeper limestone aquifer and deep sandstone aquifer well pairs were upward at MW-3D/MW-3D1 (2.99E-04 ft/ft) and downward at MW-15D/MW-15D1 (5.00E-04 ft/ft). Vertical gradients are summarized in **Table 2**.

4.2 Groundwater Quality

Groundwater quality indicator parameters, including temperature, conductivity, dissolved oxygen, pH, ORP, and turbidity were measured in the field during the October 2024 groundwater monitoring event. A summary of the groundwater quality indicator parameters is presented in **Table 3**. The groundwater field screening results are included in **Appendix B**. The laboratory analytical data reports are included in **Appendix C** and a summary of the analytical

results for the monitoring wells is provided in **Table 4**. Historical data trends for VOCs detected since the RI (AECOM, 2014) are presented in **Appendix D** and trend plots of VOCs and groundwater elevation versus time for select monitoring wells are included in **Appendix E**.

4.2.1 Shallow Aquifer Zone Monitoring Wells

Indicator Parameters

Groundwater quality indicator parameters were measured for all shallow monitoring wells during groundwater sampling, except for MW-20, which had insufficient water volume for measurement after sample collection (23 locations total). Water quality readings were recorded on the Field Screening Results form, which is included in **Appendix B**. Indicator parameters are also presented in **Table 3**. Select indicator parameters are summarized in the inset table below, along with their observed ranges and their optimal ranges for anaerobic biodegradation based on USEPA guidance (USEPA, 1998). Based on this information, the pH was within the optimal range for the reductive pathway in 21 of the 23 shallow monitoring wells. DO was not within the optimal range in any shallow monitoring wells and exceeded tolerable levels (>5 mg/L) in monitoring well MW-37. However, the DO measurements may be impacted by the PDB sampling methods which prohibit the use of a flow-through cell for water quality measurements. ORP was not within the range of “likely” reductive pathway for any of the shallow monitoring wells. The elevated ORP levels observed over much of the shallow aquifer zone may inhibit natural degradation of chlorinated VOCs in the shallow aquifer.

Analysis	Minimum	Maximum	Average	Optimal Range for Anaerobic Biodegradation Processes*
pH (S.U.)	4.79	7.81	5.89	5<pH<9 – Optimal range for reductive pathway 5>pH>9 – Outside optimal range for reductive pathway
DO (mg/L)	0.59	6.65	2.44	<0.5 mg/L – Tolerated, suppresses the reductive pathway at higher concentrations >5 mg/L – Not tolerated; however, vinyl chloride may be oxidized aerobically
ORP (mV)	-34.2	210.8	90.9	<50 mV – Reductive pathway possible <-100 mV – Reductive pathway likely

* - from the *Technical Protocol for Evaluation Natural Attenuation of Chlorinated Solvents in Groundwater* (USEPA, 1998).

VOCs

In the 24 groundwater samples collected from shallow aquifer zone groundwater during the Fall 2024 semi-annual monitoring, 11 VOCs including 1,1-dichloroethane (DCA), 1,1-DCE, 1,2-DCA, acetone, chlorobenzene, cis-1,2-DCE, methylene chloride, PCE, trans-1,2-DCE, TCE, and vinyl chloride were detected (**Table 4**). Six of the 11 detected compounds including 1,1-DCE, cis-1,2-DCE, methylene chloride, PCE, TCE, and vinyl chloride exceeded their respective MCLs in one or more samples of shallow groundwater.

PCE was the most frequently detected VOC in the shallow aquifer zone groundwater samples with all ten detected concentrations exceeding the MCL (5 µg/L) in shallow monitoring wells including MW-1, MW-3, MW-8, MW-9, MW-10, MW-19, MW-20, MW-21, MW-24, and MW-37. The highest concentration of PCE was detected at monitoring well MW-19 (23,700 µg/L), which is in the vicinity of the Former Northern PCE Degreaser. Monitoring well MW-37, which is also in the vicinity of the Former Northern PCE Degreaser, exhibited a PCE concentration of 1,600 µg/L. Monitoring well MW-21, which is located adjacent to the Former PCE UST, exhibited a PCE concentration of 7,870 µg/L. Elevated concentrations of PCE were also detected in shallow aquifer groundwater in MW-20 (65.8 µg/L) near the Former Southern PCE Degreaser, in MW-24 (1,660 µg/L) along the western property boundary, in MW-9 (87.2 µg/L) and MW-10 (142 µg/L) located in the wooded areas of interest, in MW-8 (421 µg/L) located in the asphalt parking lot northeast of the main Facility building, in MW-3 (67.7 µg/L) downgradient of the Former PCE Secondary Containment Area, and in MW-1 (21.9 µg/L) adjacent to the Former PCE Secondary Containment Area. Locations of the PCE detections in the shallow aquifer groundwater are illustrated in **Figure 7**.

Detected TCE concentrations that exceeded the MCL occurred across a smaller footprint when compared to the PCE impacts and have been historically present within the “hot-spots” of the PCE plume. TCE concentrations were detected

in six shallow monitoring wells and exceeded the MCL (5 µg/L) in four of the six detections including MW-8 (95.3 µg/L), MW-9 (34.9 µg/L), MW-10 (182 µg/L), and MW-21 (213 µg/L). Locations of the TCE detections in the shallow aquifer groundwater are illustrated in **Figure 8**.

Cis-1,2-DCE was detected in nine shallow monitoring wells and exceeded the MCL (70 µg/L) in three of the nine detections including MW-10 (1,970 µg/L), MW-19 (106 µg/L), and MW-21 (462 µg/L). The detections of cis-1,2-DCE in the shallow aquifer also correspond to “hot-spots” of PCE and TCE. Locations of the cis-1,2-DCE detections in the shallow aquifer groundwater are illustrated in **Figure 9**.

1,1-DCE was detected in one monitoring well (MW-10) at a concentration of 127 µg/L which exceeded the MCL (7 µg/L; **Figure 10**).

Methylene chloride was detected in five shallow monitoring wells and exceeded the MCL (5 µg/L) in all five locations including MW-8 (17.5 µg/L), MW-19 (706 µg/L), and MW-21 (356 µg/L), MW-24 (67.9 µg/L), and MW-37 (43.7 µg/L). The elevated detections of methylene chloride generally coincide with the PCE and TCE plumes in the shallow aquifer beneath the Site. Locations of the methylene chloride detections in the shallow aquifer groundwater are illustrated in **Figure 11**.

Vinyl chloride was detected in one monitoring well (MW-10) at a concentration of 3.3 µg/L which exceeded the MCL (2 µg/L).

Other detected VOCs at concentrations below the respective MCL included 1,1-DCA, 1,2-DCA, and chlorobenzene at MW-10, acetone at MW-20, and trans-1,2-DCE at MW-10 and MW-20.

There were no exceedances of constituents of concern (COCs) in groundwater samples collected in October 2024 from off-Site wells screened in the shallow aquifer zone.

Data Trends

As shown in the table of historical VOC results (**Appendix D**) and the trend plots (**Appendix E**), the PCE concentrations in many of the shallow aquifer wells have decreased with time from their highest values and have remained relatively low. For instance, the PCE concentration in MW-1, located adjacent to the Former PCE Secondary Containment Area, has decreased from a historic high of 15,000 µg/L in June 2003 to the current concentration of 21.9 µg/L. Additionally, since their installation in December 2003, the PCE concentration in MW-9 has decreased from a high of 7,500 µg/L to a current concentration of 87.2 µg/L and MW-10 has decreased from 5,800 in December 2003 to a current concentration of 142 µg/L. The VOC concentrations in groundwater from MW-21, located near the Former PCE UST, were relatively stable early in the monitoring history (i.e., detected PCE concentrations of 13,200 µg/L to 16,300 µg/L between March 2014 and April 2016), but decreased to 181 µg/L during the October 2016 event. The October 2016 PCE concentration appears to be anomalously low, as the concentrations subsequently increased to a historic high of 25,600 µg/L in May 2018. However, PCE concentrations have exhibited decreasing trends since May 2018 and have decreased to 7,870 µg/L, currently. The detected PCE concentration in downgradient well MW-24, located on the western edge of the property, was on an increasing trend from 344 µg/L in December 2015 to 2,320 µg/L in November 2018 before decreasing to the historic low of 291 µg/L in March 2024. However, the PCE concentration exhibited a sharp increase in October 2024 and is currently 1,660 µg/L.

Other shallow aquifer wells that have not exhibited similar decreasing trends include MW-3, MW-8, MW-19, and MW-37. MW-3 is located immediately downgradient of the Former PCE UST and the Former PCE Secondary Containment Area. The PCE concentration in MW-3 increased to a historic high of 391 µg/L in October 2010 before decreasing to an estimated value of 0.92 µg/L in April 2015. The PCE concentration in MW-3 then increased to 199 µg/L in April 2017 but has exhibited decreasing trends since and is currently 67.7 µg/L. MW-8 is located to the northeast of the Former PCE UST and Former PCE Degreasers. PCE Concentrations in MW-8 also exhibited mixed trends as concentrations increased to 491 µg/L in May 2012 before decreasing to 7.8 µg/L in April 2016 and then increasing, again, to a historic high (535 µg/L) in October 2022. The PCE concentration has varied since October 2022 and is currently 421 µg/L after exhibiting increases over the past two monitoring events. MW-19, located near the northernmost Former PCE Degreaser exhibited an increasing trend between October 2014 (3,470 µg/L) and October 2016

(34,600 µg/L) before decreasing to 18,700 µg/L in October 2017 and May 2018. After May 2018, the PCE concentration exhibited increasing trends until reaching the historic high (53,900 µg/L) in April 2021. The PCE concentration has varied since April 2021 and is currently 23,700 µg/L. MW-37, which is located near MW-19 and the northern-most Former PCE Degreaser, exhibited a PCE concentration of 13,700 µg/L when the well was installed in July 2020. PCE concentrations have varied since July 2020 increasing to a historic high of 35,900 µg/L in April 2023 before decreasing to 1,600 µg/L, currently.

4.2.2 Deeper Limestone Aquifer Zone Monitoring Wells

Indicator Parameters

Groundwater quality indicator parameters were monitored in all deeper limestone aquifer monitoring wells during the groundwater sampling process and recorded on the Field Screening Results form (**Appendix B**). Indicator parameters are also presented in **Table 3** and select parameters are summarized in the inset table below, along with their observed ranges and their optimal ranges for anaerobic biodegradation based on USEPA guidance (1998). Based on this information, measured pH values were optimal in all deeper limestone aquifer monitoring wells except for MW-12D, MW-13D and MW-34D. DO values were not within the optimal range for any deeper limestone aquifer monitoring well and ORP values were favorable in MW-13D, only. The lack of DO levels in the favorable range in many areas may inhibit natural degradation of chlorinated VOCs in some portions of the deeper limestone aquifer.

Analysis	Minimum	Maximum	Average	Optimal Range for Anaerobic Biodegradation Processes*
pH (S.U.)	6.79	11.21	7.98	5<pH<9 – Optimal range for reductive pathway 5>pH>9 – Outside optimal range for reductive pathway
DO (mg/L)	0.55	4.33	2.12	<0.5 mg/L – Tolerated, suppresses the reductive pathway at higher concentrations >5 mg/L – Not tolerated; however, vinyl chloride may be oxidized aerobically
ORP (mV)	-196.3	101.5	12.71	<50 mV – Reductive pathway possible <-100 mV – Reductive pathway likely

* - from the *Technical Protocol for Evaluation Natural Attenuation of Chlorinated Solvents in Groundwater* (USEPA, 1998).

VOCs

In the 20 groundwater samples collected from the deeper limestone aquifer zone during the Fall 2024 semi-annual monitoring, six VOCs including 1,1-DCE, 1,2-DCA, cis-1,2-DCE, methylene chloride, PCE, and TCE (**Table 4**) were detected. Two of the six detected compounds (PCE and TCE) exceeded their respective MCLs in one or more samples.

PCE was detected in 11 deeper limestone aquifer zone groundwater samples and concentrations exceeded the MCL in ten of the 11 detections (MW-3D, MW-12D, MW-13D, MW-14D, MW-22D, MW-25D, MW-26D, MW-30D, MW-31D, and MW-32DR). The highest detected PCE concentration in the limestone aquifer was MW-3D (308 µg/L). The remaining PCE detections that exceeded the MCL ranged from 12.3 µg/L (MW-14D) to 174 µg/L (MW-31D). Locations of the PCE detections in the deeper limestone aquifer groundwater are illustrated in **Figure 12**.

TCE was detected in five samples from the deeper limestone aquifer zone and concentrations exceeded the MCL in one of the five detections (MW-3D at 8.8 µg/L). Locations of the TCE detections in the deeper limestone aquifer groundwater are illustrated in **Figure 13**.

The groundwater contaminant plume in the deeper limestone aquifer is limited to PCE with one small area at MW-3D where the TCE concentration exceeds the MCL. The concentrations of all other constituents were either below their respective MCLs or not detected.

Data Trends

As with the shallow aquifer zone, the historical VOC results (**Appendix D**) and trend plots (**Appendix E**) for deeper groundwater show that the PCE concentrations in many wells have decreased with time from their highest recorded values. For instance, PCE concentrations in MW-12D decreased from the historic high of 451 µg/L detected in April 2010 to as low as 12 µg/L in May 2011. PCE concentrations fluctuated since that time but remained relatively low as the current concentration for MW-12D is 16.8 µg/L. The PCE concentration in MW-3D has decreased from the historic high of 764 µg/L detected in April 2010 and have remained relatively low. The current PCE concentration in MW-3D is 308 µg/L. PCE concentrations in MW-13D peaked twice at 292 µg/L in April 2010 and 298 µg/L in October 2016. However, the PCE concentration in MW-13D has exhibited decreasing trends since October 2016 and is currently 81.2 µg/L. PCE concentrations in MW-21D also peaked twice at 283 µg/L in March 2014 and 357 µg/L in November 2018. However, PCE concentrations have exhibited decreasing trends since November 2018, have consistently been below the MCL since October 2022 and, most recently in October 2024, decreased below the detection limit (<0.22 µg/L). PCE concentrations varied after the initial sampling of downgradient well MW-14D reaching the historic high (92 µg/L) in May 2011. However, the current PCE concentration is 12.3 µg/L and is the lowest concentration since the well was installed in 2009. Further downgradient, PCE concentrations in MW-25D did not reach the historic high (195 µg/L) until April 2019 but have since decreased to 88 µg/L, currently.

Other deeper groundwater wells that have exhibited similar decreasing trends in PCE concentrations, but recently experienced significant increases, include MW-30D, MW-31D, and MW-32DR. MW-30D exhibited an increase in PCE concentration over the past two monitoring events. The PCE concentration increased from the historic low of 53.2 µg/L in November 2023 to 65.2 µg/L in April 2024 and, most recently, to 93.5 µg/L. However, the current PCE concentration remains below the historic high of 149 µg/L which occurred in April 2019. The PCE concentration in MW-31D increased from 115 µg/L in April 2024 to, most recently, 174 µg/L but remains below the historic high of 232 µg/L which also occurred in April 2019. Similarly, the PCE concentration in MW-32DR increased from 19.2 µg/L in April 2024 to, most recently, 26.5 µg/L but also remains below the historic high of 39 µg/L which occurred in October 2018.

VOC concentrations in deeper aquifer wells have yet to exhibit consistent trends that correspond to water level fluctuations. Therefore, it is unclear if the reduction in flow during periods of lower water levels simply leads to less dilution (i.e., higher concentrations in water) or if VOC trends, specifically PCE, are the result of lag-time in transport from the source area to the wells further downgradient.

A non-parametric trend analysis was performed for limestone aquifer wells to better understand concentration trends. Specifically, a Mann-Kendall analysis was applied to the groundwater data using the publicly available GSI Environmental Inc. software (www.gsi-net.com). The Mann-Kendall test does not require any assumptions as to the statistical distribution of the data (e.g., normal, lognormal, etc.) and can be used with data sets that include irregular sampling intervals and missing data. PCE was utilized as the primary COC. The Mann-Kendall analysis measures the trend in the data where positive values indicate an increase in constituent concentrations over time and negative values indicate a decrease in constituent concentrations over time. The strength of the trend is proportional to the magnitude of the Mann-Kendall Statistic (e.g., large magnitudes generally indicate a strong trend). The software also determines the "Confidence in Trend," which is the statistical probability that the constituent concentration is actually increasing or decreasing. Trends identified with confidence values of 95-100 percent (%) are defined as "Increasing" or "Decreasing". Trends with confidence values of 90-95% are defined as "Probably Increasing" or "Probably Decreasing." Trends with confidence values below 90% are defined as either "No Trend" or "Stable" depending on the determined coefficient of variation, which may be biased subject to the constituent concentration levels and the Site hydrogeological conditions.

A total of ten limestone aquifer wells were selected for the Mann-Kendall analysis which included three on-Site wells (MW-3D, MW-13D, and MW-21D) and seven off-Site wells (MW-14D, MW-22D, MW-25D, MW-26D, MW-30D, MW-31D, and MW-32DR). The Mann-Kendall analyses are also provided in **Appendix E** and a summary of the results is provided in the table below. Concentration changes with time will continue to be plotted in future monitoring reports to validate the Mann-Kendall trend results.

Well ID	Concentration Trend
On-Site	
MW-3D	Decreasing
MW-13D	Stable
MW-21D	Decreasing
Off-Site	
MW-14D	Decreasing
MW-22D	Decreasing
MW-25D	Decreasing
MW-26D	Decreasing
MW-30D	Probably Decreasing
MW-31D	Stable
MW-32DR	Probably Decreasing

4.3 Surface Water Quality

During the Fall 2024 semi-annual monitoring event, surface water samples were collected from the five locations as described **Section 3.0** and analyzed for VOCs. PCE was detected in two of the five surface water samples and neither detection exceeded the MCL for PCE (5 µg/L) nor the SCDES Water Classification and Standards (WCS) value of 3.3 µg/L. A summary of the surface water samples and the analytical results for PCE is provided as **Table 5**. Locations of the PCE detections in surface water are illustrated in **Figure 14**.

4.4 Investigation-Derived Waste

Groundwater and decontamination water generated as investigation-derived waste (IDW) during the semi-annual sampling activities was added to the aqueous IDW (condensate storage tank) for the SVE system. The combined aqueous IDW was previously sampled and screened against the maximum concentration for the Toxicity Characteristic listed in Code of Federal Regulations (40CFR§261.24). The results were then used to generate a waste profile and identify appropriate disposal options for the IDW with a Delavan-approved disposal facility. The combined aqueous IDW is transported off-Site for disposal via vac-trunk on an as-needed basis.

4.5 Quality Assurance / Quality Control

The analytical data (**Appendix C**) associated with the semi-annual sampling were validated in accordance with the procedures outlined in the *Revised SAP* (AECOM, September 2022). QA/QC sample results are presented in **Table 6**. Data assessment reports (DARs; **Appendix C**) explain data qualifiers added to the sample results as a result of the validation process and the data qualifiers are defined in **Table 7**.

Per the work plan, QA/QC samples collected include field duplicate samples, trip blank samples, and matrix spike/matrix spike duplicate (MS/MSD) samples. The results of these samples are discussed in the following sections. All duplicate, MS/MSD, and trip blank samples were analyzed by SGS North America, Inc., located in Orlando, Florida.

The validation of the analytical data from this event did not result in the rejection of any data. Therefore, the data associated with this laboratory batch is considered compliant and adequate for its intended use.

Field Duplicates

Duplicate samples, designated with an “-A” suffix, were collected at the frequency of one per ten primary groundwater samples. The results of the primary and field duplicate groundwater samples are provided in **Table 6**. Results for PCE in samples MW-32DR and MW-32DR-A were qualified “/J/A” due to the relative percent difference (RPD) between the primary and field duplicate samples (68.4%) exceeding the established criteria of 35%. These qualifiers indicate the imprecision with field sampling techniques, laboratory methodology, or instrumentation, and the results should be considered estimated.

Trip Blanks

One trip blank sample was submitted for the cooler containing the aqueous samples for the analysis of VOCs. The results of the trip blank sample is provided in **Table 6**. Note that the only analyte detected in the trip blank sample was toluene (0.78 J µg/L). Detections of toluene in any sample other than the trip blank sample were qualified “/B/T” due to the presence of the analyte in the associated trip blank sample. No other qualifiers were added as a result of the trip blank sample results for this event.

MS/MSD

MS/MSD samples were collected at a frequency of one per 20 primary samples and are included in the analytical data packages provided in **Appendix C**; however, these results were not tabulated as the information only pertains to the primary sample with which the MS/MSD is associated. No other qualifiers were added as a result of the evaluation of MS/MSD samples from this event.

5. SVE System Operation and Performance

As described in **Section 2.1**, the SVE system was initiated as an interim measure at the Site in June 2022. The primary objectives of the SVE system were to remove COC mass from unsaturated soils and mitigate COCs in soil vapor at the Site, specifically underneath the main manufacturing building footprint.

A total of seven SVE wells (SVE-1 through SVE-7) were installed below the main manufacturing building via horizontal directional drilling (HDD) techniques. The horizontal well screens were installed to a target depth of approximately six feet below the building slab within the unsaturated soils. Conveyance piping was installed within trenches to connect the SVE wells to the SVE equipment compound located near the southwest corner of the Site. An as-built drawing illustrating the layout of the SVE system is provided in **Figure 15**. Additional details of the SVE system construction and installation were provided in the *Construction Completion Report – SVE System* (AECOM, August 2022).

Since the beginning of operation in June 2022, AECOM has been monitoring and evaluating the operation and performance of the SVE system on a monthly basis. To monitor operations of the SVE system, readings including vacuum, discharge flowrate, blower speed, and cumulative runtimes were collected during routine inspections. As of November 21, 2024, the SVE system has operated with an average vacuum of approximately 47 inches of water column (in-WC) which produced an average vacuum of approximately 38 in-WC at the SVE wells. The SVE blower operated at an average speed of approximately 30 Hertz (Hz) which produced an average discharge flowrate of approximately 404 cubic feet per minute (CFM). The SVE system operated with a runtime efficiency of 84 percent to date. The monitoring data tables for the SVE system are provided in **Appendix F**.

To monitor performance of the SVE system, vacuum readings were collected from sub-slab vapor pins (installed within sub-slab void space) and vapor monitoring points (installed within soil two feet below concrete slab floor surface) located throughout the main manufacturing building (**Figure 15**). To evaluate performance of the SVE system, a vacuum of 0.10 in-WC was retained as the benchmark for vacuum influence. As of November 21, 2024, average vacuum measurements collected from the sub-slab vapor pins and vapor monitoring points ranged from 0.233 (SSV-1) to 4.886 in-WC (SSV-5) and 1.095 (VMP-6) to 6.504 in-WC (VMP-1), respectively. This data suggests sufficient vacuum throughout the unsaturated soils to mitigate COC impacted vapors underneath the main manufacturing building. A summary of the performance monitoring data is also provided in **Appendix F**.

Analytical data was also collected from the SVE system vapor stream on a periodic basis to evaluate COC mass removal. The vapor sampling frequency was reduced to quarterly monitoring beginning March 2024. Since the vapor stream does not undergo any active treatment (e.g., discharged directly to atmosphere), the effluent concentrations are assumed to be reflective of influent concentrations. Based on the analytical results and mass calculations to date, influent concentrations peaked during the first day of operation and reached near asymptotic levels after two months of operation. For example, the influent PCE concentration during the first day of operation (July 15, 2022) was 34,300 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and the average influent concentration from August 29, 2022, to November 21, 2024, was 1,004 $\mu\text{g}/\text{m}^3$. Additionally, the SVE system exhibited a peak COC mass removal rate of approximately 1.361 pounds per day (lbs/day) and has averaged 0.143 lbs/day to date. The cumulative COC mass removal as of November 21, 2024, was approximately 47.422 lbs. This data indicates mass removal and reduction of COCs in unsaturated soils underneath the main manufacturing building. A summary of the SVE system analytical results as well as a graph of the influent PCE concentration over time is included in **Appendix F**. Analytical lab reports for the SVE vapor samples collected since the last semi-annual sampling report submission are provided in **Appendix G**.

6. Conclusions

The following conclusions are submitted based on the evaluation of the Fall 2024 semi-annual monitoring results and a limited comparison to previous sampling results.

- Shallow groundwater elevations in October 2024 were, on average, 0.51 feet lower than those collected during the Spring 2024 groundwater monitoring event (April 2024). In the deeper limestone aquifer, groundwater elevations in October 2024 were, on average, 0.02 feet lower than those measured during the April 2024 groundwater monitoring event (**Table 1**). The shape of the potentiometric surfaces and groundwater flow patterns in both the shallow and deeper aquifer zones are similar to those observed in previous investigations (**Figure 5** and **Figure 6**).
- Concentrations of VOCs in the shallow aquifer remain delineated on-Site and are bounded by non-detect values of VOCs in downgradient off-Site wells (**Figure 7, 8, 9, 10, and 11**). There were no detections in off-Site monitoring wells screened in the shallow aquifer unit during the October 2024 groundwater monitoring event (**Table 4**).
- Concentrations of VOCs are delineated in the deeper limestone aquifer groundwater. PCE was the only VOC detected above the respective MCL off-Site in deeper aquifer groundwater (**Figure 12** and **13**) during the October 2024 groundwater monitoring event. As illustrated on **Figure 12**, PCE occurs in deeper groundwater at concentrations above the MCL on-Site at monitoring well locations MW-3D, MW-12D, MW-13D, and off-Site to the south/southwest at monitoring well locations MW-14D, MW-22D, MW-25D, MW-26D, MW-30D, MW-31D and MW-32DR. The occurrence of PCE at these well locations is consistent with the inferred groundwater flow direction. PCE concentrations remain delineated to below the MCL, as VOCs were not detected in the sentinel monitoring wells (e.g., MW-33D, MW-34D, MW-35D, and MW-36D; **Figure 12**) during the October 2024 groundwater monitoring event (**Table 4**).
- PCE was detected at concentrations below the MCL in surface water samples, SW-01-LC and SW-05-LC, collected from Lemon Creek (**Table 5** and **Figure 14**). These results are consistent with historical data for the surface water sampling locations.
- Based on the Mann-Kendall analysis results, PCE concentrations in on-Site limestone aquifer wells exhibited “Decreasing” trends in MW-3D and MW-21D and “Stable” in MW-13D. Additionally, PCE concentrations in off-Site limestone aquifer wells exhibited either “Decreasing” or “Probably Decreasing” trends with the exception of MW-31D which exhibited a “Stable” trend.
- As of November 21, 2024, the SVE system has removed a cumulative mass of approximately 47.422 lbs of COCs. The influent PCE concentrations have been reduced from a peak of 34,300 $\mu\text{g}/\text{m}^3$ to an average of 1,004 $\mu\text{g}/\text{m}^3$ (since August 29, 2022). Continued operation of the system will contribute to improved vapor mitigation in the sub-slab as well as reduced potential for PCE impacts to groundwater within the footprint of the building.

In accordance with the monitoring requirement of the VCC, the next semi-annual sampling event is scheduled to occur in April 2025. Groundwater and surface water monitoring will be conducted in accordance with the schedule included in the *Revised SAP* (AECOM, September 2022). Furthermore, the next residential well sampling event is scheduled to occur in October 2025. Residential well sampling will also be conducted in accordance with the *Revised SAP* (AECOM, September 2022).

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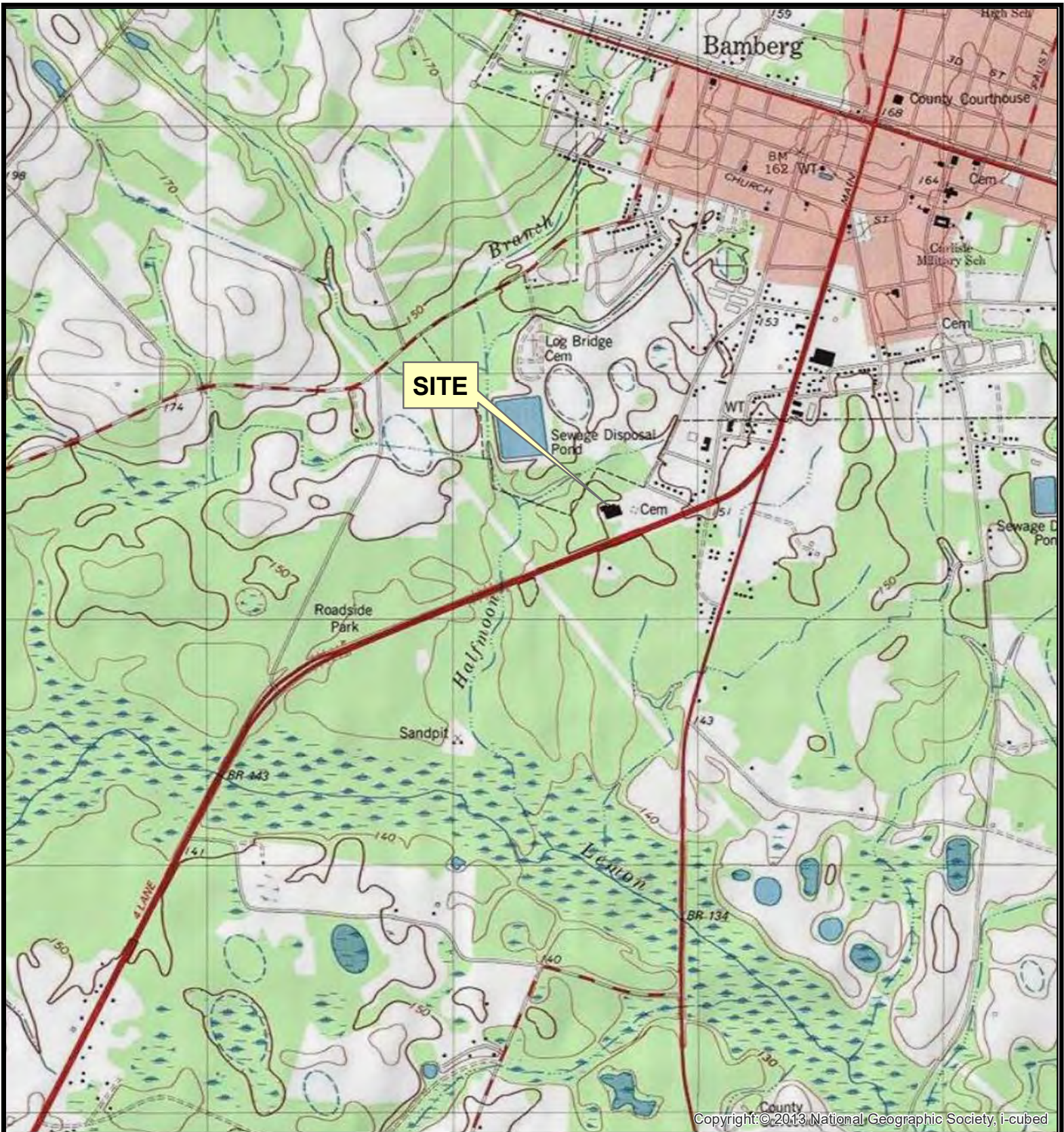
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Figures



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Feet

U.S.G.S. QUADRANGLE MAP
BAMBERG, SC 1979 (PHOTO REVISED 1987)

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

AECOM

10 Patewood Drive, Building 6, Suite 500
Greenville, SC 29615
T: (864) 234-3000 F: (864) 234-3069

Delavan Spray Technologies Site
Bamberg, South Carolina

Site Location Map

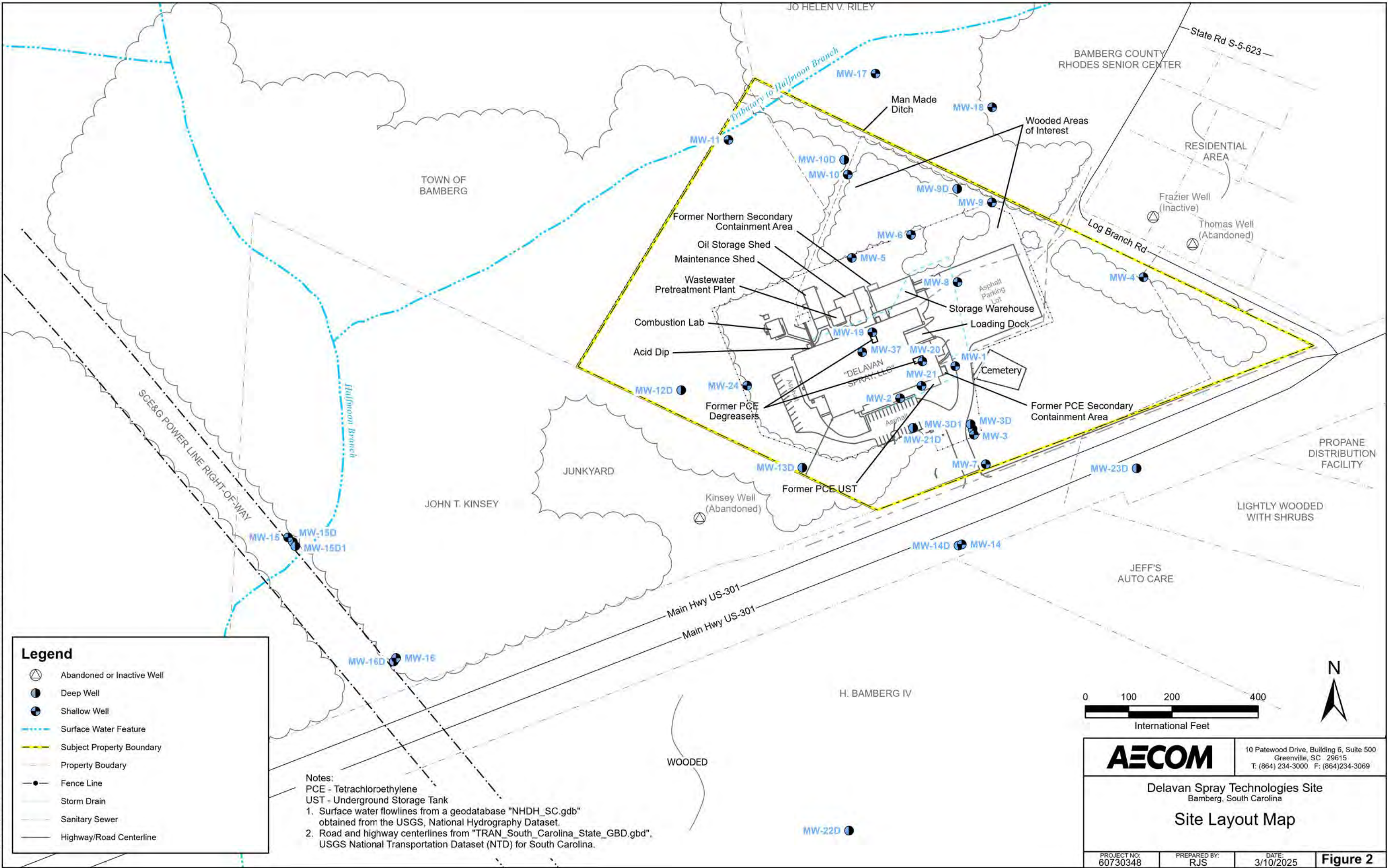
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60730348

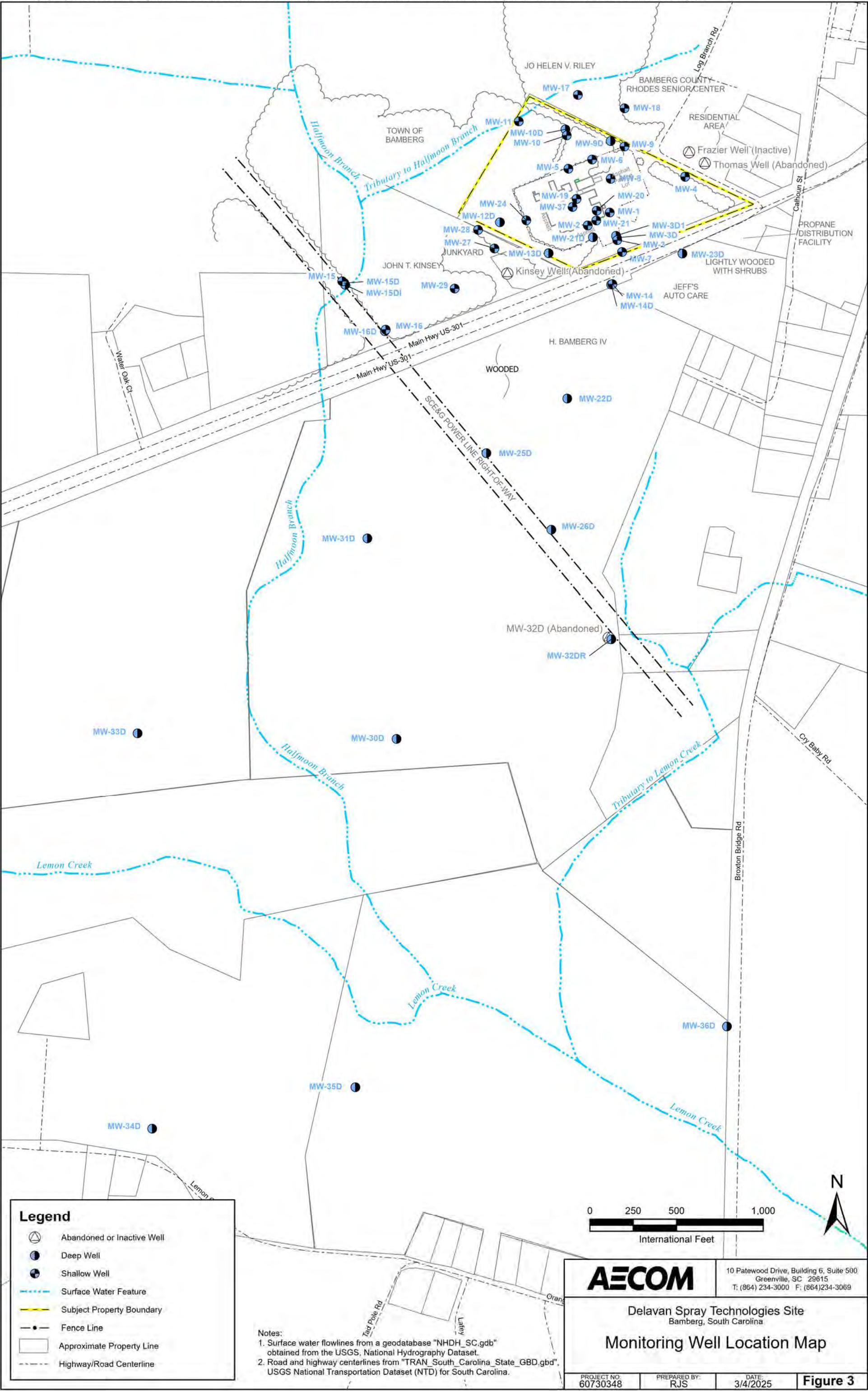
Prepared by
KCG

Date
March 2025

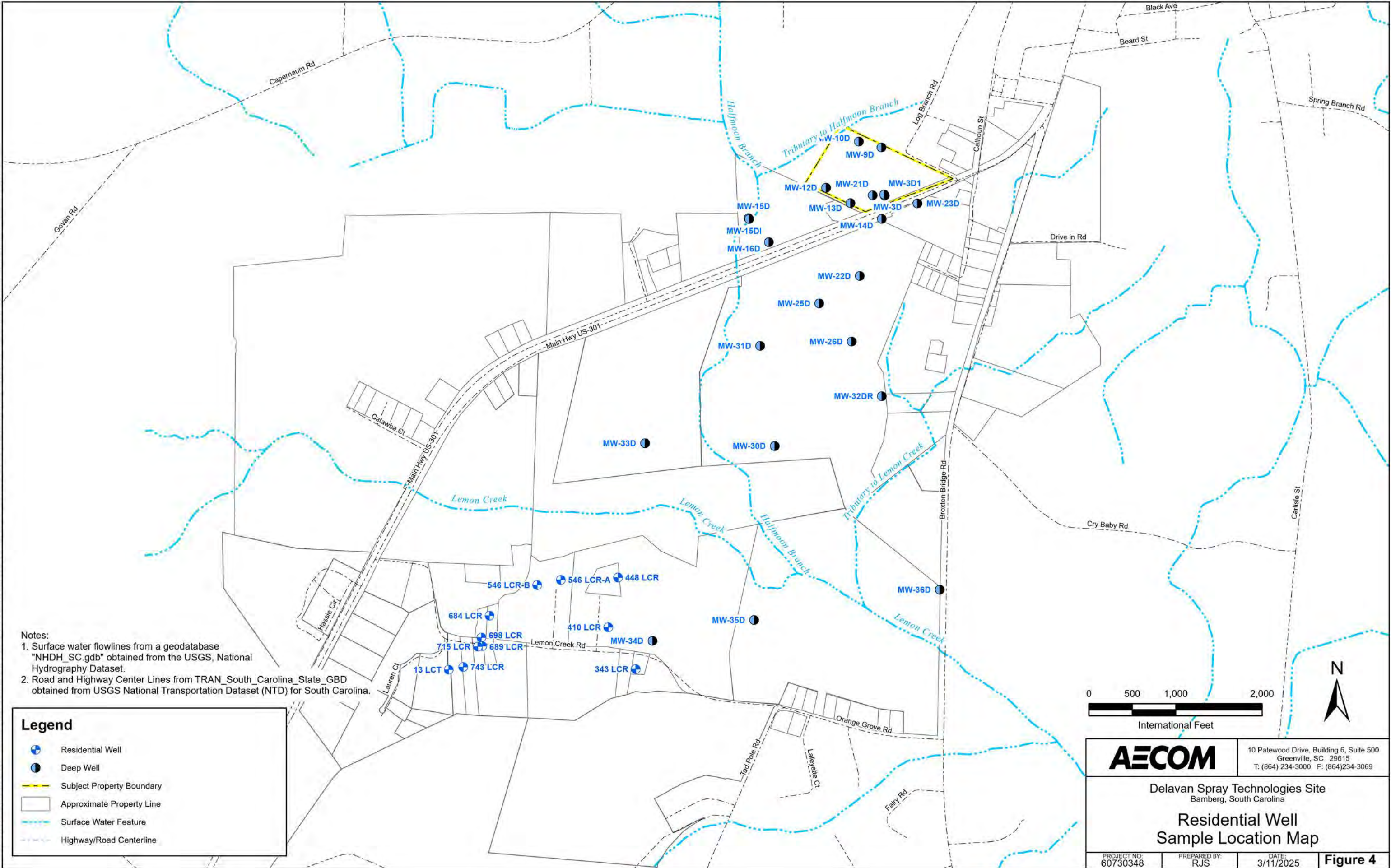
Figure 1

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Layout: Figure 4 Residential Well Sample Location Map
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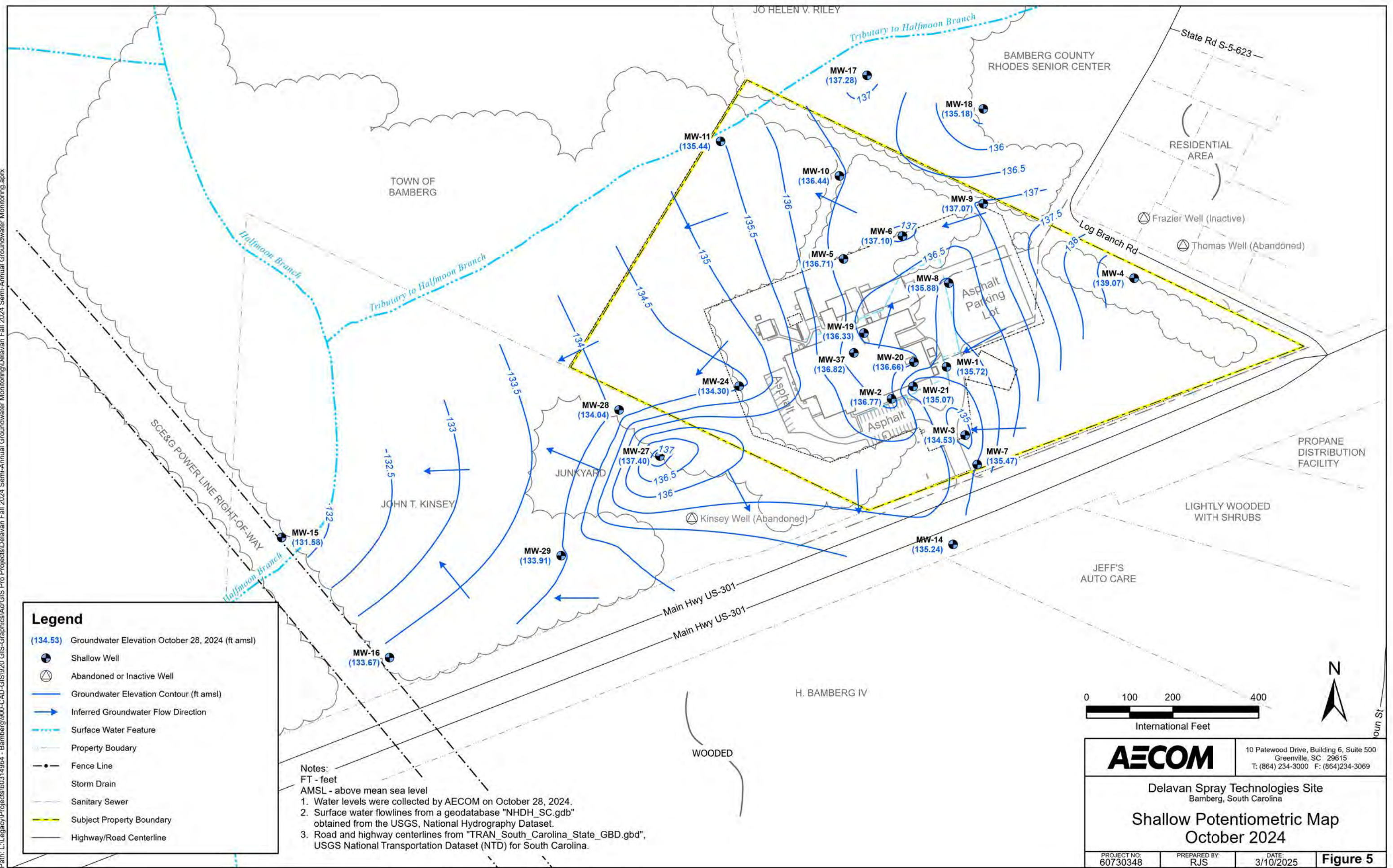
10 Patewood Drive, Building 6, Suite 500
Greenville, SC 29615
T: (864) 234-3000 F: (864) 234-3069

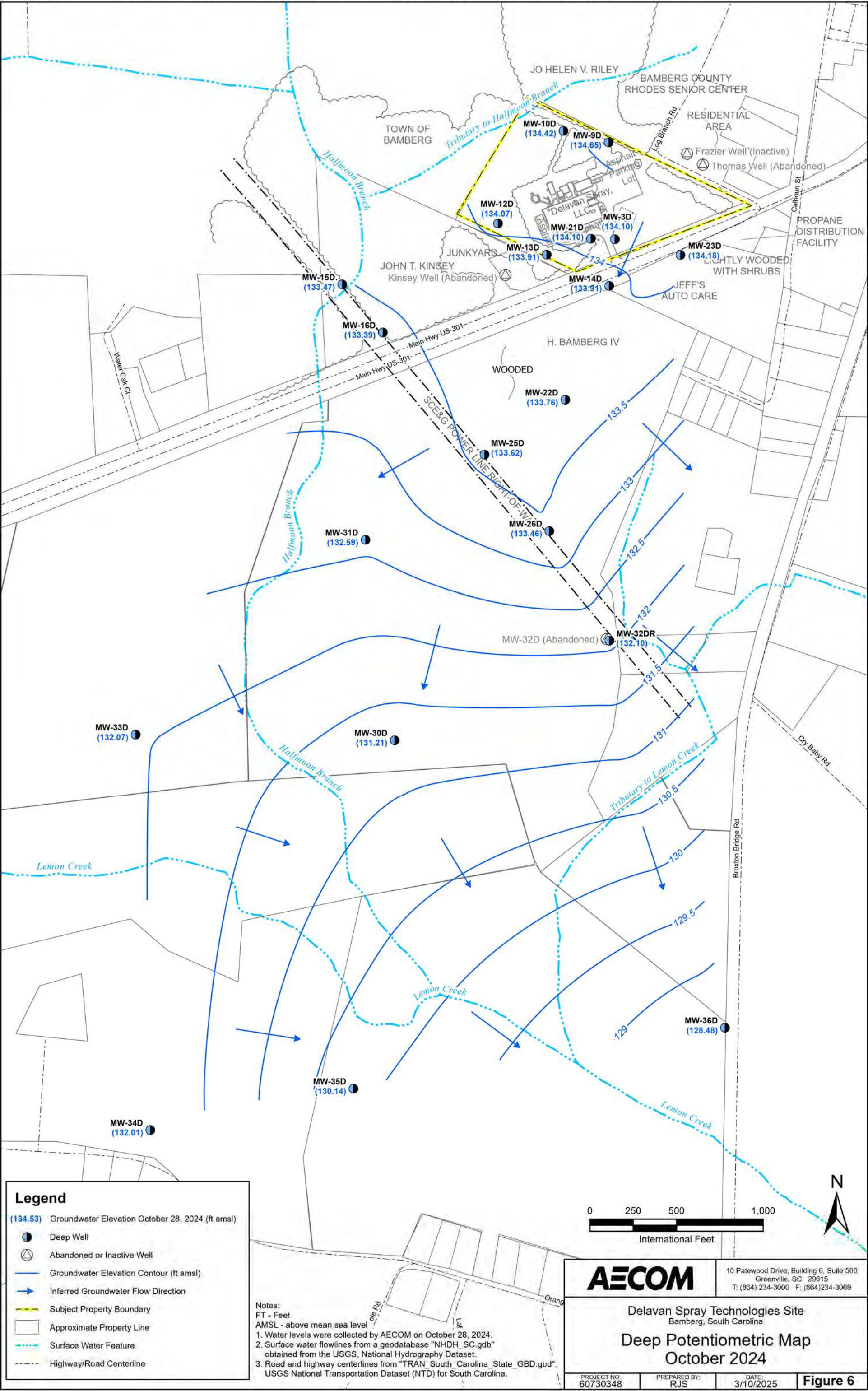
Delavan Spray Technologies Site
Bamberg, South Carolina

Residential Well
Sample Location Map

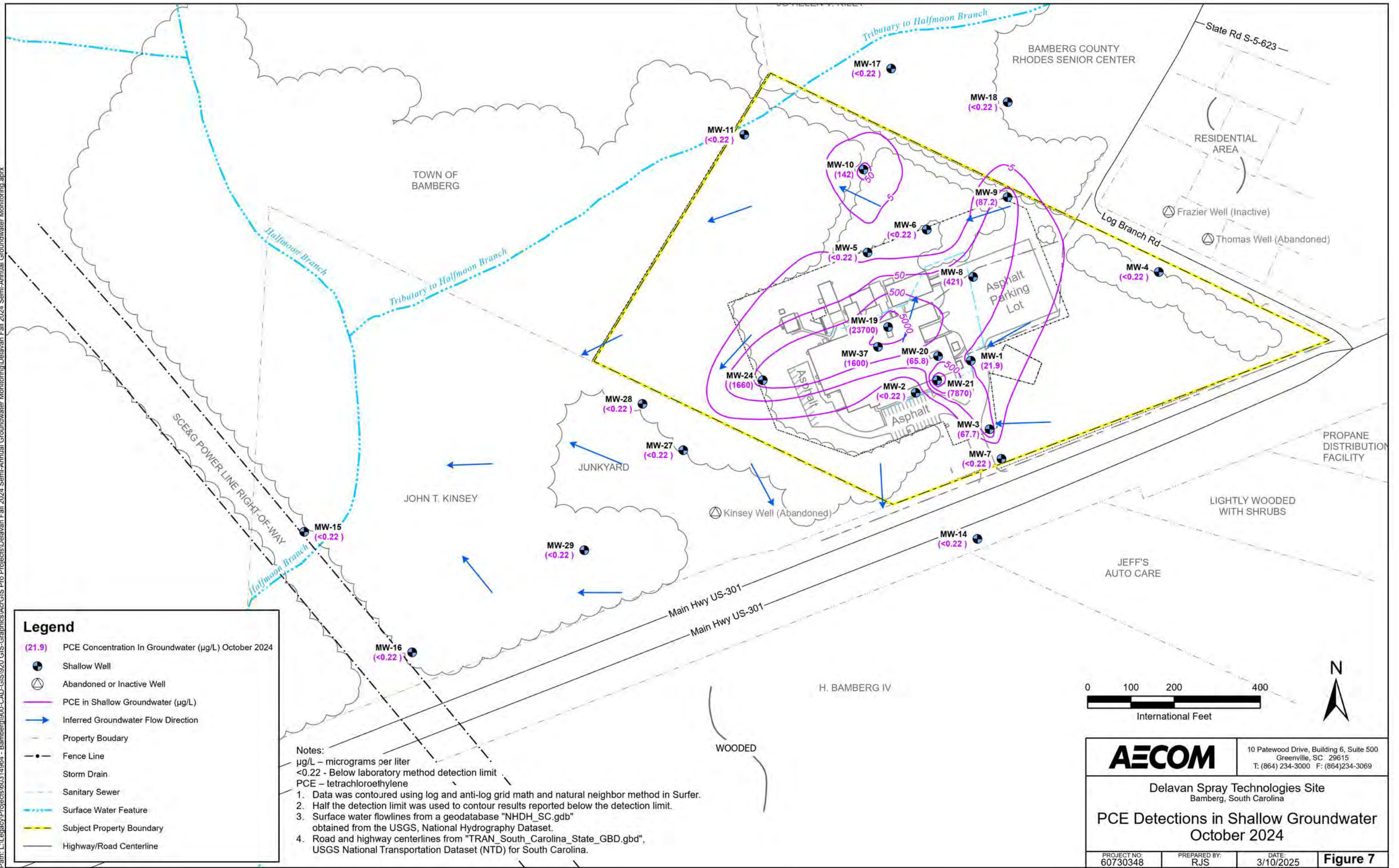
PROJECT NO: 60730348	PREPARED BY: RJS	DATE: 3/11/2025	Figure 4

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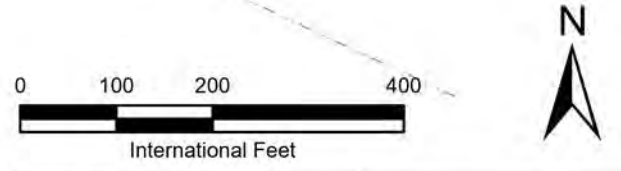
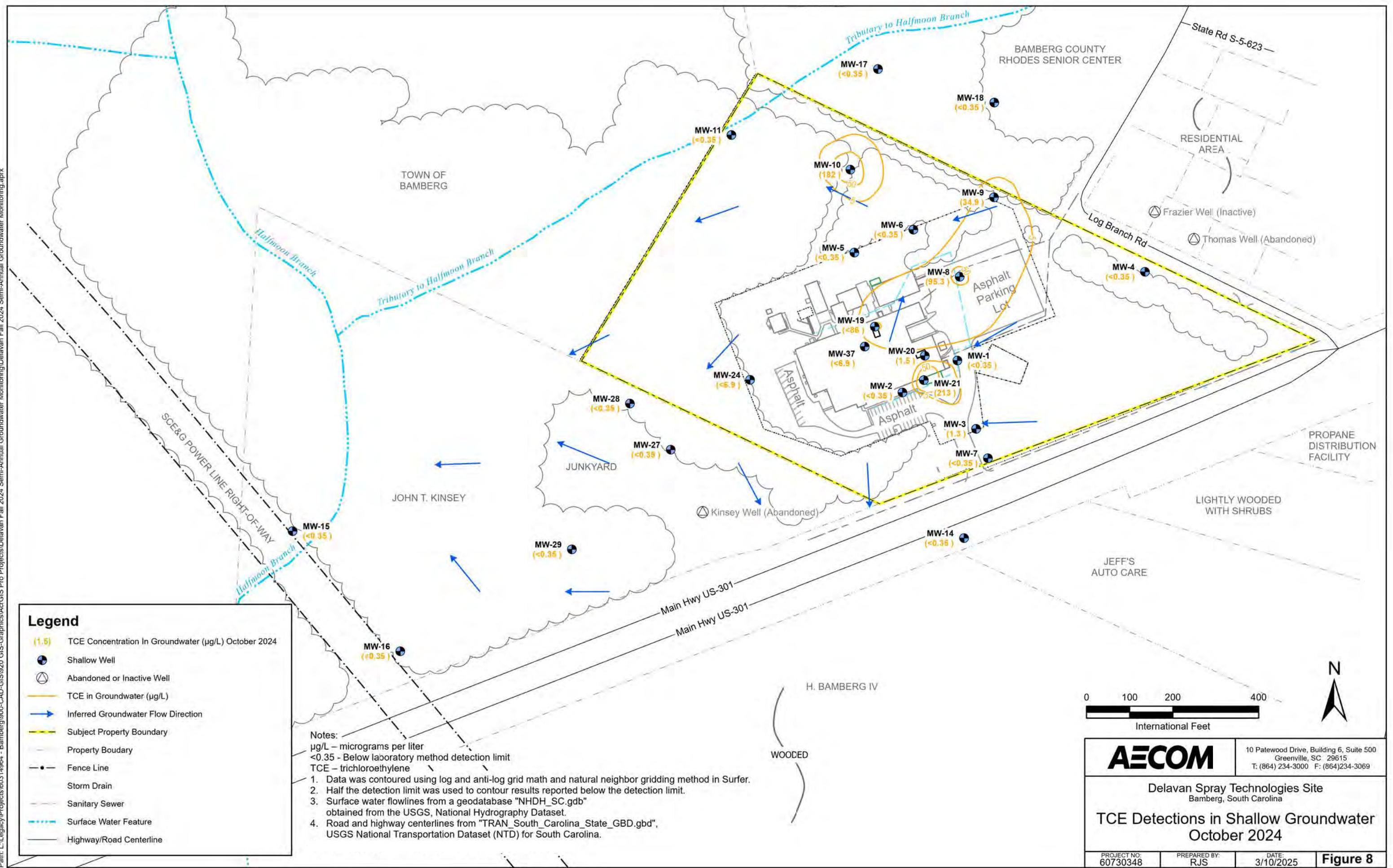




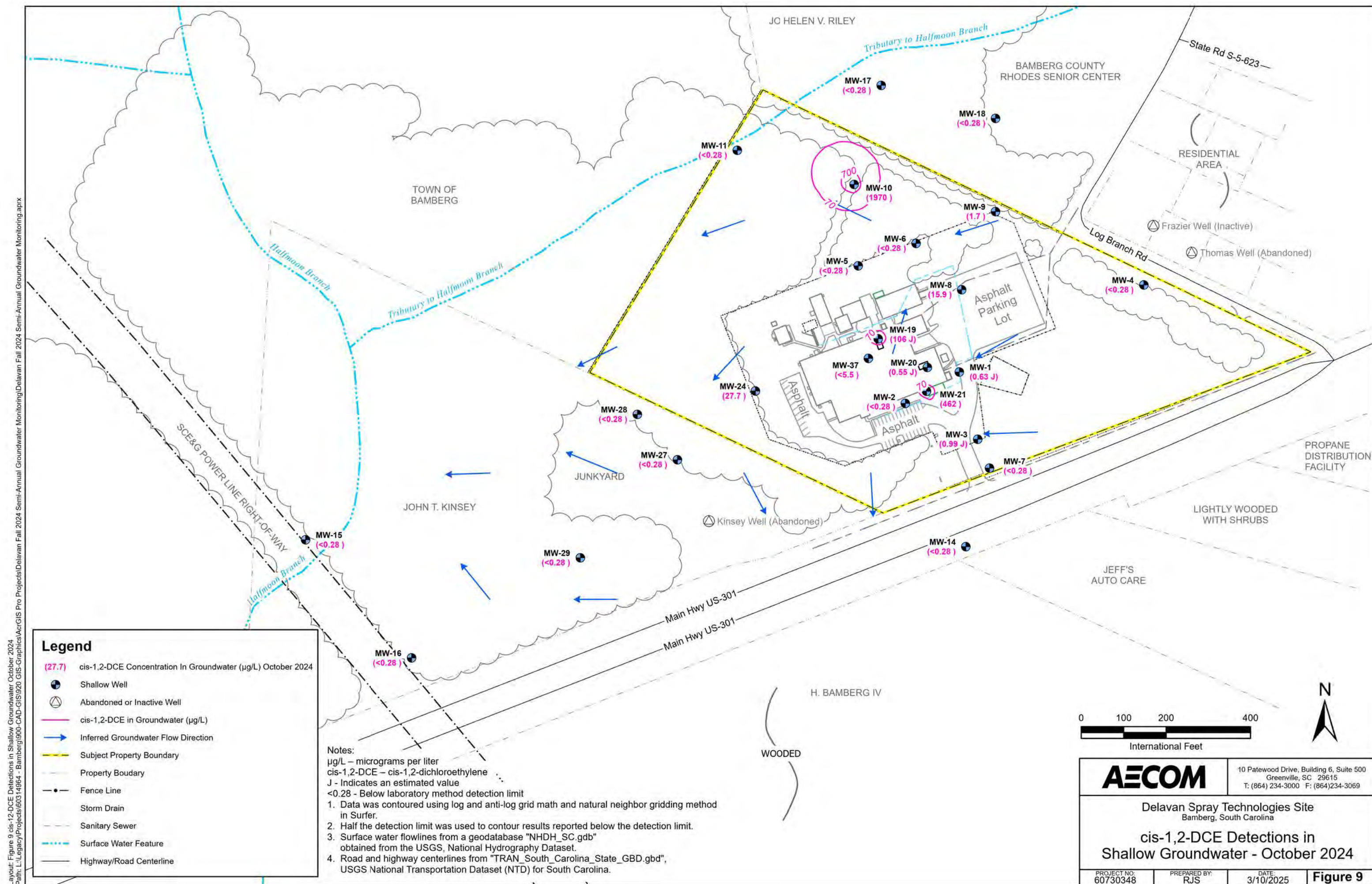
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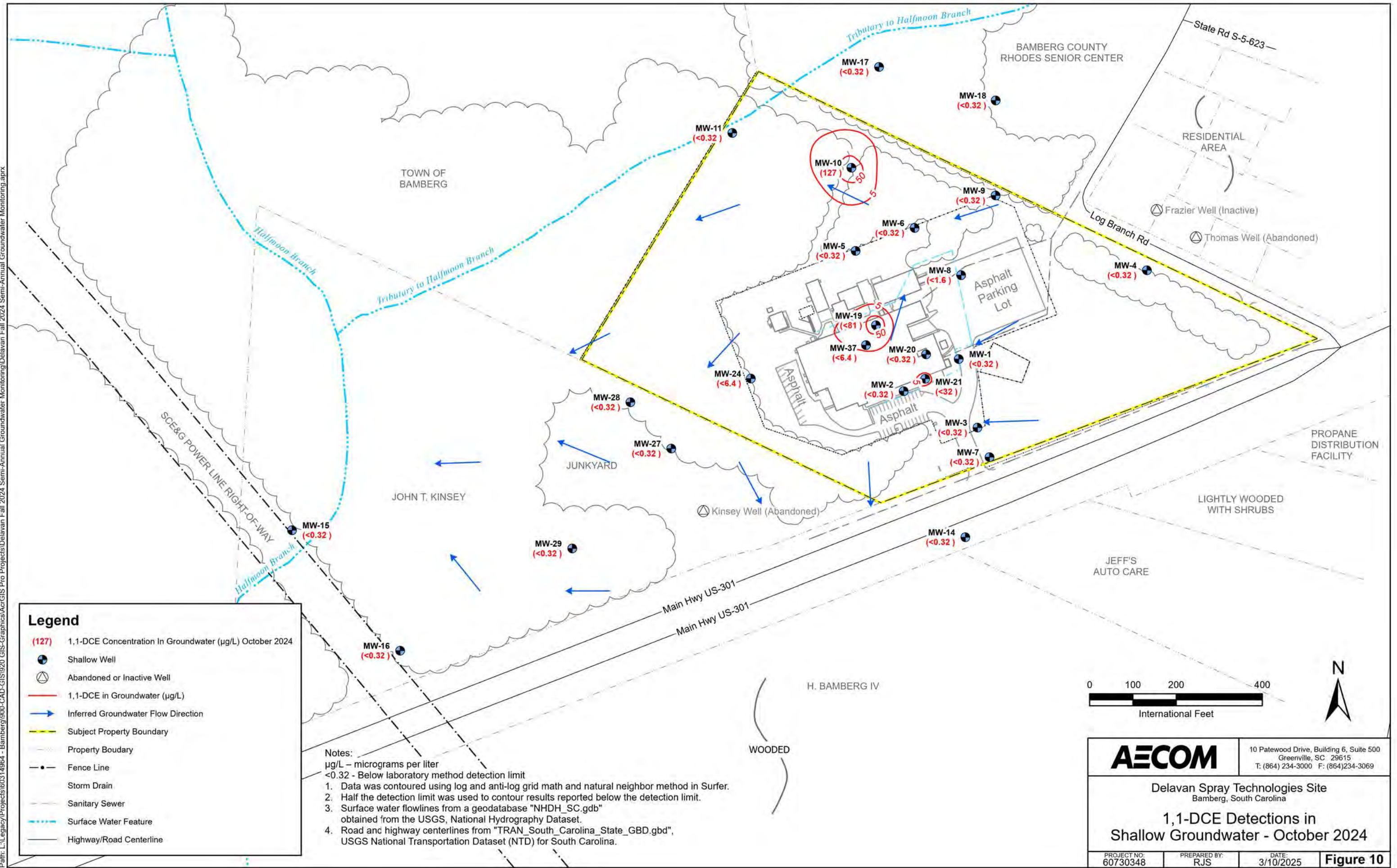
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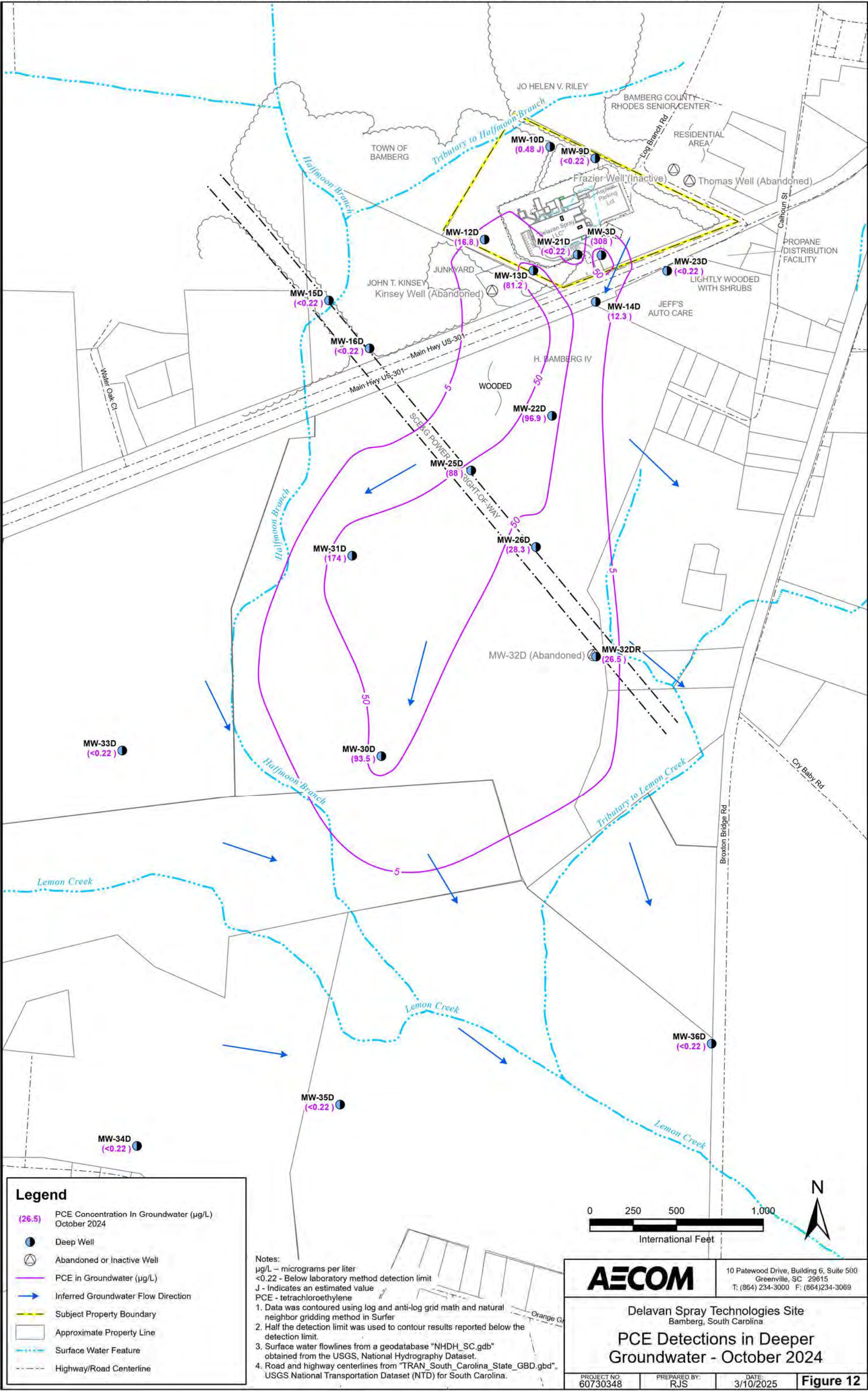


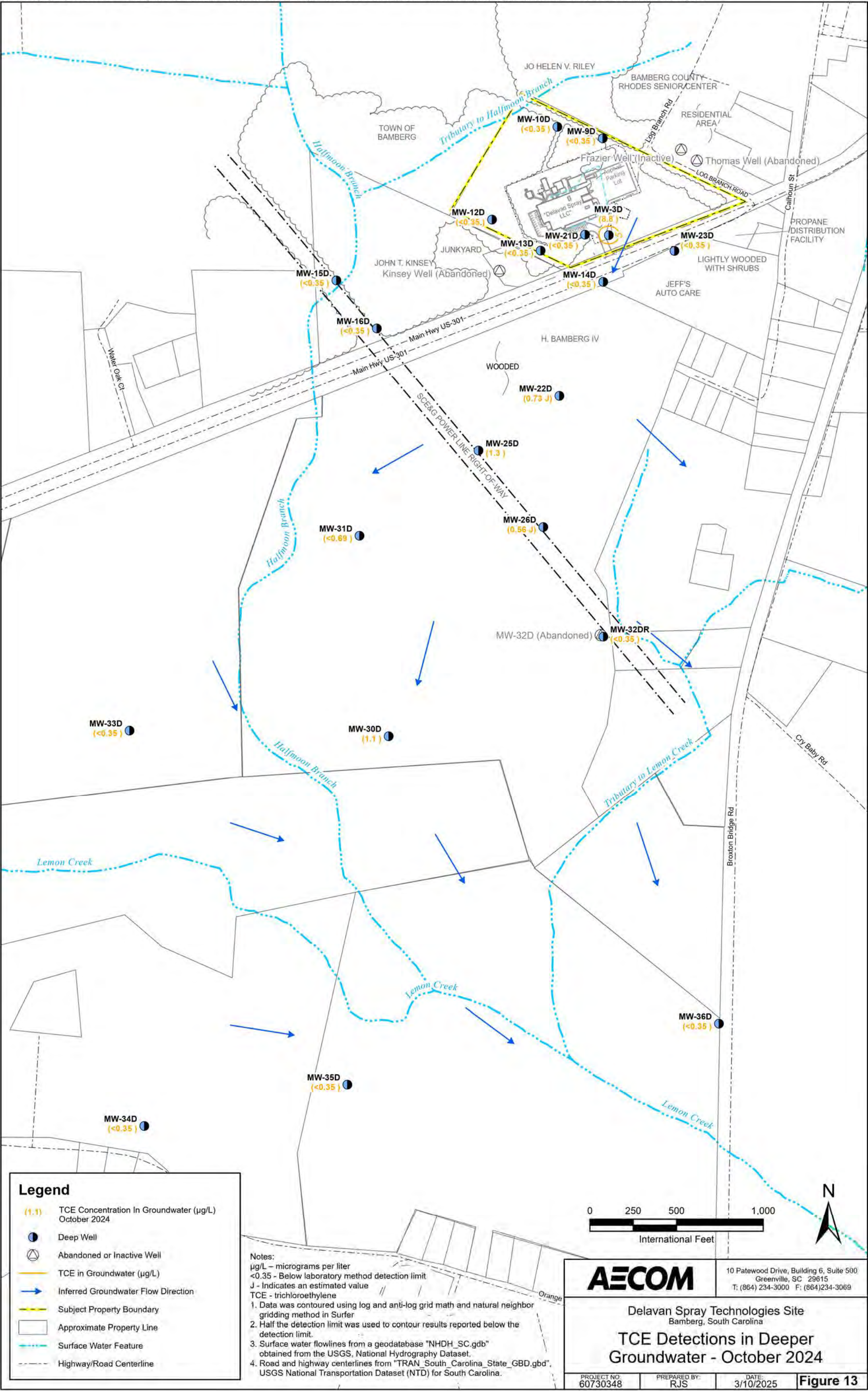
AECOM		10 Patewood Drive, Building 6, Suite 500 Greenville, SC 29615 T: (864) 234-3000 F: (864) 234-3069	
Delavan Spray Technologies Site Bamberg, South Carolina			
TCE Detections in Shallow Groundwater October 2024			
PROJECT NO: 60730348	PREPARED BY: RJS	DATE: 3/10/2025	Figure 8



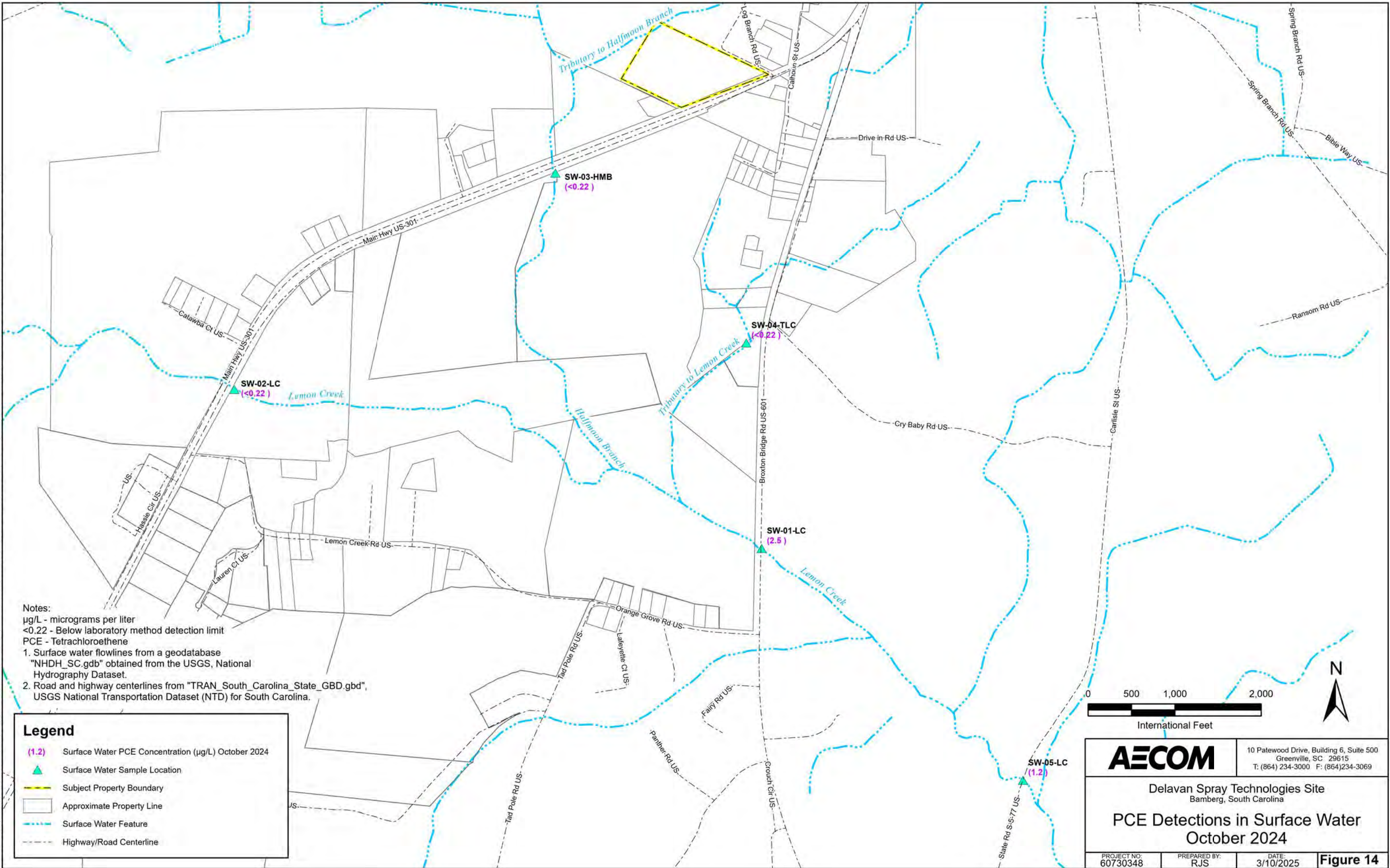
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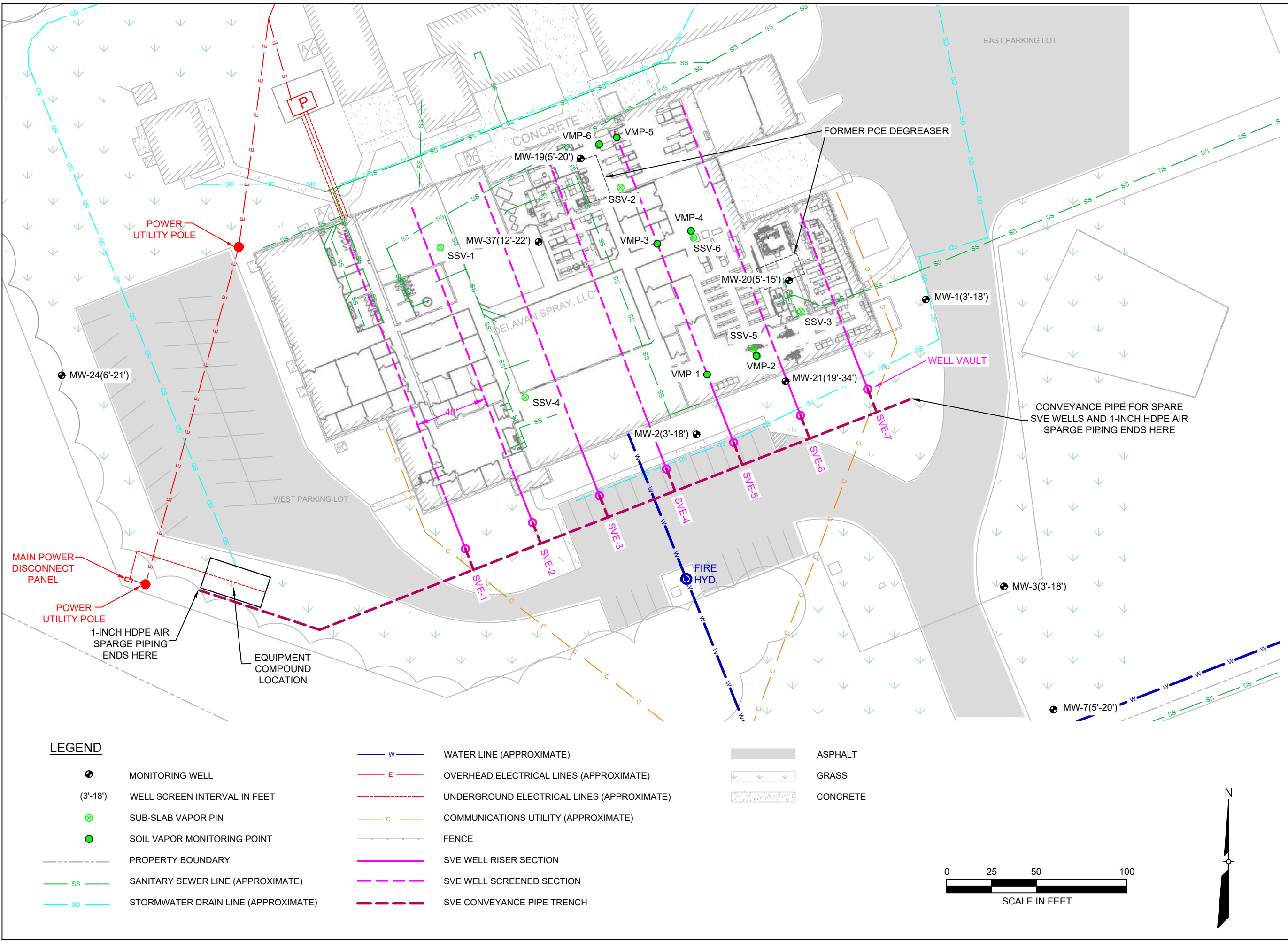




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Project Management Initials: Designer: ID Checked: IR Approved: Z



LEGEND

	MONITORING WELL		WATER LINE (APPROXIMATE)		ASPHALT
	WELL SCREEN INTERVAL IN FEET		OVERHEAD ELECTRICAL LINES (APPROXIMATE)		GRASS
	SUB-SLAB VAPOR PIN		UNDERGROUND ELECTRICAL LINES (APPROXIMATE)		CONCRETE
	SOIL VAPOR MONITORING POINT		COMMUNICATIONS UTILITY (APPROXIMATE)		
	PROPERTY BOUNDARY		FENCE		
	SANITARY SEWER LINE (APPROXIMATE)		SVE WELL RISER SECTION		
	STORMWATER DRAIN LINE (APPROXIMATE)		SVE WELL SCREENED SECTION		
			SVE CONVEYANCE PIPE TRENCH		



PROJECT
DELAVAN SPRAY
TECHNOLOGIES SITE

4334 Main Highway
Bamberg, South Carolina 29003

PREPARED FOR
Delavan Technologies

PREPARED BY
AECOM Technical Services, Inc.
5438 Wade Park Blvd, Suite 200
Raleigh, NC 27607
919.461.100 tel 919.461.1235 fax
www.aecom.com

DATE
MARCH 2025

PROJECT NUMBER
60730348

SHEET TITLE
SVE REMEDIATION SYSTEM LAYOUT

FIGURE NUMBER

Tables

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	6/5/2003		7/9/2003		12/31/2003		1/16/2004		3/14/2005		6/1/2005		9/20/2005		12/12/2005	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	9.70	137.49	8.42	138.77	12.88	134.31	13.02	134.17	12.54	134.65	12.31	134.88	12.66	134.53	13.41	133.78
MW-2	18	--	3-18	Shallow	147.81	147.63	5.81	141.82	4.76	142.87	12.52	135.11	12.73	134.90	11.95	135.68	10.56	137.07	12.37	135.26	12.99	134.64
MW-3	18	--	3-18	Shallow	148.34	148.11	11.41	136.70	9.20	138.91	14.11	134.00	14.11	134.00	13.54	134.57	13.86	134.25	13.94	134.17	14.58	133.53
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-4	14	--	4-14	Shallow	147.30	147.03	4.11	142.92	3.59	143.44	10.38	136.65	10.63	136.40	9.24	137.79	10.23	136.80	11.44	135.59	11.81	135.22
MW-5	14	--	4-14	Shallow	145.34	145.46	4.72	140.74	3.68	141.78	10.87	134.59	10.81	134.65	8.74	136.72	9.77	135.69	10.51	134.95	11.30	134.16
MW-6	14	--	4-14	Shallow	143.45	143.22	2.40	140.82	2.30	140.92	8.09	135.13	7.29	135.93	6.44	136.78	6.38	136.84	8.24	134.98	8.29	134.93
MW-7	20	--	5-20	Shallow	149.25	149.03	NI	NI	NI	NI	14.88	134.15	14.93	134.10	13.97	135.06	14.45	134.58	14.52	134.51	15.11	133.92
MW-8	20	--	5-20	Shallow	145.95	145.66	NI	NI	NI	NI	12.06	133.60	12.17	133.49	11.97	133.69	12.14	133.52	13.07	132.59	12.81	132.85
MW-9	20	--	5-20	Shallow	144.11	143.89	NI	NI	NI	NI	9.82	134.07	9.55	134.34	8.45	135.44	7.61	136.28	10.57	133.32	9.33	134.56
MW-9D	49	24	44-49	Deeper Limestone	144.80	144.20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-10	18	--	3-18	Shallow	142.56	142.19	NI	NI	NI	NI	7.48	134.71	7.52	134.67	5.19	137.00	6.02	136.17	7.51	134.68	7.45	134.74
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-11	18	--	3-18	Shallow	143.77	143.16	NI	NI	NI	NI	8.00	135.16	8.12	135.04	7.48	135.68	7.87	135.29	8.90	134.26	8.63	134.53
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-14	20	--	5-20	Shallow	147.05	146.90	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15	19	--	4-19	Shallow	136.13	135.73	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16	19	--	4-19	Shallow	138.74	138.30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-17	28.4	--	13-28	Shallow	142.07	141.66	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-18	26.4	--	11-26	Shallow	145.68	145.41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	20.15	--	5-20	Shallow	148.47	148.22	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-20	15.15	--	5-15	Shallow	148.50	148.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	34.4	--	19-34	Shallow	148.43	147.97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	3/28/2006		6/26/2006		10/6/2006		1/12/2007		1/8/2008		11/4/2009	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	11.97	135.22	12.16	135.03	13.67	133.52	12.06	135.13	13.50	133.69	14.70	132.49
MW-2	18	--	3-18	Shallow	147.81	147.63	10.59	137.04	10.44	137.19	13.13	134.50	10.63	137.00	11.63	136.00	14.15	133.48
MW-3	18	--	3-18	Shallow	148.34	148.11	13.49	134.62	13.67	134.44	14.15	133.96	13.24	134.87	13.62	134.49	15.84	132.27
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	NI	NI	NI	NI	NI	NI	NI	NI	16.10	132.02	17.30	130.82
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	17.11	130.82
MW-4	14	--	4-14	Shallow	147.30	147.03	7.53	139.50	9.26	137.77	11.82	135.21	7.79	139.24	9.53	137.50	13.52	133.51
MW-5	14	--	4-14	Shallow	145.34	145.46	6.74	138.72	8.74	136.72	11.57	133.89	7.33	138.13	9.09	136.37	12.70	132.76
MW-6	14	--	4-14	Shallow	143.45	143.22	4.17	139.05	6.30	136.92	9.46	133.76	4.90	138.32	6.10	137.12	10.09	133.13
MW-7	20	--	5-20	Shallow	149.25	149.03	13.91	135.12	14.22	134.81	14.99	134.04	13.23	135.80	14.20	134.83	15.93	133.10
MW-8	20	--	5-20	Shallow	145.95	145.66	11.17	134.49	12.32	133.34	13.67	131.99	11.62	134.04	12.85	132.81	14.35	131.31
MW-9	20	--	5-20	Shallow	144.11	143.89	6.91	136.98	8.98	134.91	11.60	132.29	7.41	136.48	8.17	135.72	11.54	132.35
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	NI	NI	NI	NI	NI	NI	NI	NI	11.82	132.38	12.89	131.31
MW-10	18	--	3-18	Shallow	142.56	142.19	3.49	138.70	5.82	136.37	8.65	133.54	4.12	138.07	5.66	136.53	9.74	132.45
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	NI	NI	NI	NI	NI	NI	NI	NI	9.45	132.34	10.68	131.11
MW-11	18	--	3-18	Shallow	143.77	143.16	6.84	136.32	8.01	135.15	9.26	133.90	7.30	135.86	7.89	135.27	10.01	133.15
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	16.69	130.96
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	15.55	130.68
MW-14	20	--	5-20	Shallow	147.05	146.90	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	15.03	131.87
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	16.20	130.68
MW-15	18	--	4-19	Shallow	136.13	135.73	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16	19	--	4-19	Shallow	138.74	138.30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-17	28.4	--	13-28	Shallow	142.07	141.66	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-18	26.4	--	11-26	Shallow	145.68	145.41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	20.15	--	5-20	Shallow	148.47	148.22	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-20	15.15	--	5-15	Shallow	148.50	148.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	34.4	--	19-34	Shallow	148.43	147.97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	4/29/2010		10/25/2010		12/15/2010		5/23/2011		11/8/2011		5/8/2012		3/20/2014		10/27/2014	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	12.20	134.99	14.38	132.81	15.17	132.02	13.29	133.90	14.88	132.31	13.05	134.14	11.02	136.17	13.53	133.66
MW-2	18	--	3-18	Shallow	147.81	147.63	11.50	136.13	13.70	133.93	14.84	132.79	12.88	134.75	14.51	133.12	12.94	134.69	10.25	137.38	13.63	134.00
MW-3	18	--	3-18	Shallow	148.34	148.11	13.81	134.30	14.56	133.55	15.84	132.27	14.01	134.10	15.65	132.46	13.93	134.18	12.15	135.96	14.16	133.95
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	15.03	133.09	17.39	130.73	17.36	130.76	16.75	131.37	17.45	130.67	16.22	131.90	13.74	134.38	16.07	132.05
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	14.86	133.07	17.32	130.61	17.19	130.74	16.55	131.38	17.29	130.64	16.05	131.88	13.52	134.41	15.89	132.04
MW-4	14	--	4-14	Shallow	147.30	147.03	8.95	138.08	12.73	134.30	13.49	133.54	11.37	135.66	Dry	NA	9.44	137.59	4.7	142.33	11.70	135.33
MW-5	14	--	4-14	Shallow	145.34	145.46	9.50	135.96	12.31	133.15	13.51	131.95	11.05	134.41	13.45	132.01	8.97	136.49	4.76	140.70	11.43	134.03
MW-6	14	--	4-14	Shallow	143.45	143.22	6.50	136.72	10.00	133.22	11.32	131.90	8.40	134.82	11.15	132.07	6.20	137.02	3.04	140.18	5.96	137.26
MW-7	20	--	5-20	Shallow	149.25	149.03	14.30	134.73	15.33	133.70	15.89	133.14	14.65	134.38	15.73	133.30	14.39	134.64	11.87	137.16	14.73	134.30
MW-8	20	--	5-20	Shallow	145.95	145.66	11.79	133.87	14.35	131.31	14.52	131.14	13.50	132.16	14.60	131.06	12.88	132.78	10.27	135.39	13.02	132.64
MW-9	20	--	5-20	Shallow	144.11	143.89	6.81	137.08	11.65	132.24	12.55	131.34	9.20	134.69	12.60	131.29	6.25	137.64	4.87	139.02	9.78	134.11
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	10.58	133.62	12.99	131.21	12.98	131.22	12.26	131.94	13.12	131.08	11.78	132.42	9.15	135.05	11.64	132.56
MW-10	18	--	3-18	Shallow	142.56	142.19	6.14	136.05	9.73	132.46	10.66	131.53	7.98	134.21	10.57	131.62	5.88	136.31	2.63	139.56	8.50	133.69
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	8.38	133.41	10.76	131.03	10.76	131.03	10.02	131.77	10.89	130.90	9.59	132.20	6.99	134.80	9.40	132.39
MW-11	18	--	3-18	Shallow	143.77	143.16	8.15	135.01	9.98	133.18	10.92	132.24	9.11	134.05	10.82	132.34	8.39	134.77	6.39	136.77	8.96	134.20
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	14.62	133.03	16.92	130.73	16.87	130.78	16.18	131.47	16.99	130.66	15.69	131.96	13.28	134.37	15.55	132.10
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	13.33	132.90	15.65	130.58	15.61	130.62	14.99	131.24	15.71	130.52	14.44	131.79	12.02	134.21	14.29	131.94
MW-14	20	--	5-20	Shallow	147.05	146.90	12.69	134.21	13.99	132.91	14.67	132.23	13.38	133.52	14.52	132.38	12.97	133.93	10.49	136.41	13.02	133.88
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	14.01	132.87	16.34	130.54	16.26	130.62	15.69	131.19	16.37	130.51	15.09	131.79	12.71	134.17	14.99	131.89
MW-15	18	--	4-19	Shallow	136.13	135.73	NI	NI	NI	NI	NI	NI	5.44	130.29	6.68	129.05	3.77	131.96	1.71	134.02	4.49	131.24
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	NI	NI	NI	NI	NI	NI	4.55	131.04	5.23	130.36	4.15	131.44	1.92	133.67	3.79	131.80
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	4.25	131.44	2.04	133.65	3.91	131.78
MW-16	19	--	4-19	Shallow	138.74	138.30	NI	NI	NI	NI	NI	NI	6.40	131.90	8.15	130.15	5.26	133.04	2.54	135.76	6.68	131.62
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	NI	NI	NI	NI	NI	NI	7.49	130.89	8.30	130.08	7.05	131.33	4.79	133.59	6.76	131.62
MW-17	28.4	--	13-28	Shallow	142.07	141.66	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	1.90	139.76	6.93	134.73
MW-18	26.4	--	11-26	Shallow	145.68	145.41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9.07	136.34	12.48	132.93
MW-19	20.15	--	5-20	Shallow	148.47	148.22	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.35	136.87	14.42	133.80
MW-20	15.15	--	5-15	Shallow	148.50	148.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.11	137.08	14.30	133.89
MW-21	34.4	--	19-34	Shallow	148.43	147.97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.42	136.55	14.59	133.38
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	12.51	134.41	14.84	132.08
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.96	134.00	14.19	131.77
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	13.73	134.53	16.18	132.08
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	4/20/2015		10/26/2015		4/11/2016		10/24/2016		4/12/2017		4/13/2017		10/16/2017	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	10.81	136.38	10.51	136.68	11.40	135.79	11.05	136.14	12.38	134.81	NM	NM	13.51	133.68
MW-2	18	--	3-18	Shallow	147.81	147.63	9.64	137.99	8.61	139.02	10.43	137.20	10.11	137.52	12.04	135.59	NM	NM	13.82	133.81
MW-3	18	--	3-18	Shallow	148.34	148.11	12.62	135.49	12.73	135.38	13.19	134.92	13.08	135.03	13.94	134.17	NM	NM	14.12	133.99
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	13.48	134.64	13.89	134.23	14.04	134.08	13.96	134.16	14.61	133.51	14.67	133.45	16.16	131.96
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	13.25	134.68	13.69	134.24	13.83	134.10	13.75	134.18	14.40	133.53	NM	NM	15.98	131.95
MW-4	14	--	4-14	Shallow	147.30	147.03	4.79	142.24	4.47	142.56	5.22	141.81	5.48	141.55	8.03	139.00	NM	NM	11.49	135.54
MW-5	14	--	4-14	Shallow	145.34	145.46	4.60	140.86	4.35	141.11	6.31	139.15	6.97	138.49	8.37	137.09	NM	NM	12.10	133.36
MW-6	14	--	4-14	Shallow	143.45	143.22	2.20	141.02	2.98	140.24	4.14	139.08	4.93	138.29	6.02	137.20	NM	NM	10.02	133.20
MW-7	20	--	5-20	Shallow	149.25	149.03	12.88	136.15	12.71	136.32	13.19	135.84	13.12	135.91	14.33	134.70	NM	NM	14.57	134.46
MW-8	20	--	5-20	Shallow	145.95	145.66	10.06	135.60	10.22	135.44	10.62	135.04	10.58	135.08	11.34	134.32	NM	NM	13.16	132.50
MW-9	20	--	5-20	Shallow	144.11	143.89	4.54	139.35	5.07	138.82	5.14	138.75	5.60	138.29	6.04	137.85	NM	NM	10.11	133.78
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	8.93	135.27	9.34	134.86	9.99	134.21	9.43	134.77	10.03	134.17	NM	NM	11.73	132.47
MW-10	18	--	3-18	Shallow	142.56	142.19	2.47	139.72	2.61	139.58	3.52	138.67	4.06	138.13	5.15	137.04	NM	NM	9.33	132.86
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	6.75	135.04	7.17	134.62	7.27	134.52	7.27	134.52	7.84	133.95	NM	NM	9.50	132.29
MW-11	18	--	3-18	Shallow	143.77	143.16	6.40	136.76	6.45	136.71	6.64	136.52	6.95	136.21	7.24	135.92	NM	NM	9.63	133.53
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	13.02	134.63	13.42	134.23	13.58	134.07	13.54	134.11	14.10	133.55	14.15	133.50	15.65	132.00
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	11.75	134.48	12.18	134.05	12.32	133.91	12.25	133.98	12.97	133.26	12.92	133.31	14.38	131.85
MW-14	20	--	5-20	Shallow	147.05	146.90	10.54	136.36	10.69	136.21	11.18	135.72	11.22	135.68	12.46	134.44	NM	NM	13.24	133.66
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	12.43	134.45	12.87	134.01	13.04	133.84	12.93	133.95	13.57	133.31	13.63	133.25	15.08	131.80
MW-15	18	--	4-19	Shallow	136.13	135.73	2.09	133.64	3.00	132.73	2.69	133.04	3.14	132.59	2.95	132.78	NM	NM	5.25	130.48
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	1.80	133.79	2.07	133.52	2.20	133.39	2.19	133.40	2.60	132.99	NM	NM	3.85	131.74
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	1.91	133.78	2.18	133.51	2.32	133.37	2.30	133.39	2.70	132.99	NM	NM	3.96	131.73
MW-16	19	--	4-19	Shallow	138.74	138.30	2.35	135.95	3.38	134.92	2.73	135.57	3.80	134.50	3.01	135.29	NM	NM	7.02	131.28
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	4.54	133.84	4.95	133.43	5.08	133.30	5.04	133.34	5.51	132.87	5.54	132.84	6.83	131.55
MW-17	28.4	--	13-28	Shallow	142.07	141.66	1.91	139.75	2.65	139.01	2.79	138.87	2.96	138.70	3.06	138.60	NM	NM	7.75	133.91
MW-18	26.4	--	11-26	Shallow	145.68	145.41	9.23	136.18	9.75	135.66	9.86	135.55	9.96	135.45	10.57	134.84	NM	NM	12.65	132.76
MW-19	20.15	--	5-20	Shallow	148.47	148.22	10.90	137.32	10.02	138.20	11.42	136.80	11.30	136.92	12.98	135.24	NM	NM	14.62	133.60
MW-20	15.15	--	5-15	Shallow	148.50	148.19	10.55	137.64	9.59	138.60	11.25	136.94	10.57	137.62	12.81	135.38	NM	NM	14.50	133.69
MW-21	34.4	--	19-34	Shallow	148.43	147.97	11.23	136.74	11.38	136.59	12.68	135.29	12.48	135.49	13.45	134.52	NM	NM	15.12	132.85
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	12.25	134.67	12.67	134.25	12.83	134.09	12.75	134.17	13.39	133.53	13.44	133.48	14.93	131.99
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	11.68	134.28	12.11	133.85	12.27	133.69	12.18	133.78	12.81	133.15	12.87	133.09	14.29	131.67
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	13.48	134.78	13.95	134.31	14.09	134.17	13.98	134.28	14.65	133.61	14.71	133.55	16.28	131.98
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	13.39	134.46	13.42	134.43	14.10	133.75	NM	NM	15.69	132.16
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	5.66	133.55	5.58	133.63	6.16	133.05	6.21	133.00	7.59	131.62
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	10.32	133.32	10.20	133.44	10.81	132.83	10.87	132.77	12.19	131.45
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	9.91	135.87	NM	NM	12.44	133.34
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	12.60	133.52	NM	NM	14.13	131.99
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	7.17	133.38	NM	NM	8.60	131.95
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	5.35	130.66	5.92	130.09
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9.42	131.97	10.32	131.07
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	7.49	131.43	Abandoned	
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	8.42	130.46
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	5/7/2018		10/29/2018		4/22/2019		10/14/2019		4/14/2020		10/19/2020		4/12/2021		10/18/2021	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	12.42	134.77	12.62	134.57	11.71	135.48	13.65	133.54	11.09	136.10	12.27	134.92	11.57	135.62	12.21	134.98
MW-2	18	--	3-18	Shallow	147.81	147.63	12.42	135.21	12.39	135.24	11.15	136.48	14.07	133.56	9.69	137.94	12.20	135.43	10.61	137.02	12.05	135.58
MW-3	18	--	3-18	Shallow	148.34	148.11	13.86	134.25	14.02	134.09	13.24	134.87	14.35	133.76	12.98	135.13	13.89	134.22	13.22	134.89	13.86	134.25
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	14.93	133.19	15.25	132.87	13.91	134.21	16.05	132.07	13.65	134.47	14.59	133.53	13.90	134.22	14.71	133.41
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	14.74	133.19	15.05	132.88	13.71	134.22	15.90	132.03	13.44	134.49	14.40	133.53	13.69	134.24	14.54	133.39
MW-4	14	--	4-14	Shallow	147.30	147.03	8.57	138.46	9.53	137.50	7.07	139.96	13.15	133.88	5.98	141.05	9.89	137.14	6.99	140.04	9.00	138.03
MW-5	14	--	4-14	Shallow	145.34	145.46	8.90	136.56	10.32	135.14	7.55	137.91	12.94	132.52	6.37	139.09	10.45	135.01	7.73	137.73	10.17	135.29
MW-6	14	--	4-14	Shallow	143.45	143.22	6.69	136.53	7.89	135.33	5.03	138.19	11.10	132.12	3.78	139.44	7.97	135.25	5.16	138.06	7.52	135.70
MW-7	20	--	5-20	Shallow	149.25	149.03	14.07	134.96	14.34	134.69	13.29	135.74	14.98	134.05	13.07	135.96	14.02	135.01	13.37	135.66	14.02	135.01
MW-8	20	--	5-20	Shallow	145.95	145.66	11.68	133.98	12.05	133.61	10.81	134.85	13.19	132.47	10.31	135.35	11.50	134.16	10.60	135.06	11.57	134.09
MW-9	20	--	5-20	Shallow	144.11	143.89	6.89	137.00	7.33	136.56	5.32	138.57	6.91	136.98	5.13	138.76	7.77	136.12	5.58	138.31	7.33	136.56
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	10.41	133.79	10.77	133.43	9.39	134.81	11.70	132.50	9.11	135.09	10.13	134.07	9.37	134.83	10.25	133.95
MW-10	18	--	3-18	Shallow	142.56	142.19	5.98	136.21	7.34	134.85	7.46	134.73	10.00	132.19	3.83	138.36	7.40	134.79	4.55	137.64	7.02	135.17
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	8.22	133.57	8.52	133.27	7.21	134.58	9.50	132.29	6.94	134.85	7.96	133.83	7.21	134.58	8.09	133.70
MW-11	18	--	3-18	Shallow	143.77	143.16	7.79	135.37	8.39	134.77	7.13	136.03	10.60	132.56	5.95	137.21	8.18	134.98	7.12	136.04	8.12	135.04
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	14.45	133.20	14.72	132.93	13.47	134.18	15.60	132.05	13.25	134.40	14.14	133.51	13.44	134.21	14.29	133.36
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	13.20	133.03	13.48	132.75	12.20	134.03	14.29	131.94	11.92	134.31	12.85	133.38	12.21	134.02	13.01	133.22
MW-14	20	--	5-20	Shallow	147.05	146.90	12.44	134.46	12.47	134.43	11.27	135.63	13.33	133.57	10.88	136.02	12.15	134.75	11.20	135.70	11.97	134.93
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	13.87	133.01	14.18	132.70	12.86	134.02	14.91	131.97	12.60	134.28	13.48	133.40	12.87	134.01	13.64	133.24
MW-15	18	--	4-19	Shallow	136.13	135.73	3.74	131.99	3.60	132.13	3.12	132.61	6.71	129.02	2.88	132.85	4.13	131.60	3.37	132.36	4.12	131.61
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	2.95	132.64	3.02	132.57	2.10	133.49	3.80	131.79	1.80	133.79	2.53	133.06	2.06	133.53	2.69	132.90
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	3.06	132.63	3.14	132.55	2.23	133.46	3.93	131.76	1.93	133.76	2.68	133.01	2.20	133.49	2.79	132.90
MW-16	19	--	4-19	Shallow	138.74	138.30	4.14	134.16	4.45	133.85	3.11	135.19	7.68	130.62	2.54	135.76	5.15	133.15	3.25	135.05	5.15	133.15
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	5.84	132.54	5.98	132.40	4.98	133.40	6.74	131.64	4.67	133.71	5.45	132.93	4.94	133.44	5.61	132.77
MW-17	28.4	--	13-28	Shallow	142.07	141.66	4.11	137.55	5.18	136.48	3.14	138.52	8.96	132.70	2.81	138.85	5.40	136.26	3.18	138.48	4.87	136.79
MW-18	26.4	--	11-26	Shallow	145.68	145.41	10.87	134.54	11.45	133.96	9.86	135.55	12.70	132.71	9.68	135.73	10.95	134.46	10.00	135.41	11.05	134.36
MW-19	20.15	--	5-20	Shallow	148.47	148.22	13.02	135.20	13.43	134.79	11.95	136.27	14.83	133.39	NM	NM	13.21	135.01	11.80	136.42	13.03	135.19
MW-20	15.15	--	5-15	Shallow	148.50	148.19	12.87	135.32	13.15	135.04	11.90	136.29	14.72	133.47	NM	NM	12.96	135.23	11.50	136.69	12.77	135.42
MW-21	34.4	--	19-34	Shallow	148.43	147.97	13.68	134.29	14.02	133.95	12.54	135.43	15.58	132.39	11.46	136.51	13.34	134.63	12.13	135.84	13.28	134.69
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	13.71	133.21	14.02	132.90	12.70	134.22	14.82	132.10	12.42	134.50	13.35	133.57	12.69	134.23	13.52	133.40
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	13.10	132.86	13.38	132.58	12.09	133.87	14.12	131.84	11.83	134.13	12.70	133.26	12.11	133.85	12.85	133.11
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	14.96	133.30	15.33	132.93	13.90	134.36	16.18	132.08	13.70	134.56	14.63	133.63	13.93	134.33	14.78	133.48
MW-24	21	--	6-21	Shallow	148.52	147.85	14.46	133.39	14.74	133.11	13.45	134.40	16.08	131.77	12.96	134.89	14.14	133.71	13.38	134.47	14.40	133.45
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	6.47	132.74	6.72	132.49	5.49	133.72	7.43	131.78	5.24	133.97	6.08	133.13	5.50	133.71	6.22	132.99
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	11.06	132.58	11.33	132.31	10.12	133.52	11.95	131.69	9.86	133.78	10.63	133.01	10.16	133.48	10.82	132.82
MW-27	29	--	19 - 29	Shallow	145.93	145.78	9.44	136.34	10.48	135.30	8.47	137.31	13.63	132.15	6.84	138.94	10.64	135.14	7.78	138.00	10.41	135.37
MW-28	29	--	19 - 29	Shallow	146.35	146.12	12.95	133.17	13.22	132.90	11.98	134.14	14.10	132.02	11.45	134.67	12.65	133.47	12.52	133.60	12.79	133.33
MW-29	29	--	19 - 29	Shallow	141.03	140.55	7.52	133.03	7.72	132.83	6.57	133.98	8.58	131.97	6.15	134.40	7.16	133.39	6.73	133.82	7.31	133.24
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	5.57	130.44	5.43	130.58	5.04	130.97	5.69	130.32	4.72	131.29	5.00	131.01	5.90	130.11	5.20	130.81
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	9.67	131.72	9.68	131.71	8.92	132.47	10.12	131.27	8.61	132.78	9.16	132.23	8.93	132.46	9.35	132.04
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned	
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	7.54	131.34	7.68	131.20	6.75	132.13	8.56	130.32	6.49	132.39	7.04	131.84	6.76	132.12	7.22	131.66
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	12.77	132.02	13.06	131.73	13.00	131.79	13.24	131.55
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	13.68	132.03	13.95	131.76	13.83	131.88	14.15	131.56
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	11.68	130.27	11.81	130.14	11.85	130.10	12.00	129.95
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	2.15	128.78	2.45	128.48	2.46	128.47	2.67	128.26
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	12.94	135.42	11.49	136.87	12.79	135.57

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	4/12/2022		10/24/2022		4/24/2023		11/6/2023		4/22/2024		10/28/2024	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	11.61	135.58	13.05	134.14	10.75	136.44	12.59	134.60	11.52	135.67	11.47	135.72
MW-2	18	--	3-18	Shallow	147.81	147.63	11.06	136.57	13.08	134.55	9.70	137.93	12.67	134.96	10.78	136.85	10.86	136.77
MW-3	18	--	3-18	Shallow	148.34	148.11	12.95	135.16	14.07	134.04	12.38	135.73	13.98	134.13	13.17	134.94	13.58	134.53
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	13.74	134.38	15.38	132.74	13.50	134.62	14.90	133.22	13.93	134.19	14.02	134.10
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	13.54	134.39	15.19	132.74	13.30	134.63	14.69	133.24	13.71	134.22	13.82	134.11
MW-4	14	--	4-14	Shallow	147.30	147.03	6.09	140.94	11.58	135.45	4.94	142.09	10.40	136.63	6.71	140.32	7.96	139.07
MW-5	14	--	4-14	Shallow	145.34	145.46	6.59	138.87	11.54	133.92	5.45	140.01	10.76	134.70	7.58	137.88	8.75	136.71
MW-6	14	--	4-14	Shallow	143.45	143.22	4.28	138.94	9.38	133.84	3.38	139.84	8.54	134.68	4.88	138.34	6.12	137.10
MW-7	20	--	5-20	Shallow	149.25	149.03	12.95	136.08	14.60	134.43	12.03	137.00	14.39	134.64	13.28	135.75	13.56	135.47
MW-8	20	--	5-20	Shallow	145.95	145.66	10.41	135.25	12.35	133.31	9.70	135.96	11.79	133.87	10.48	135.18	9.78	135.88
MW-9	20	--	5-20	Shallow	144.11	143.89	4.69	139.20	9.37	134.52	4.55	139.34	8.65	135.24	5.28	138.61	6.82	137.07
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	9.21	134.99	10.95	133.25	8.96	135.24	10.41	133.79	9.41	134.79	9.55	134.65
MW-10	18	--	3-18	Shallow	142.56	142.19	3.78	138.41	8.82	133.37	3.23	138.96	7.88	134.31	4.49	137.70	5.75	136.44
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	7.05	134.74	8.76	133.03	6.80	134.99	8.19	133.60	7.23	134.56	7.37	134.42
MW-11	18	--	3-18	Shallow	143.77	143.16	6.85	136.31	8.86	134.30	6.55	136.61	8.47	134.69	7.34	135.82	7.72	135.44
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	13.02	134.63	14.92	132.73	13.08	134.57	14.41	133.24	13.52	134.13	13.58	134.07
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	12.03	134.20	13.63	132.60	11.80	134.43	13.14	133.09	12.23	134.00	12.32	133.91
MW-14	20	--	5-20	Shallow	147.05	146.90	10.71	136.19	12.82	134.08	10.38	136.52	12.64	134.26	11.48	135.42	11.66	135.24
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	12.70	134.18	14.30	132.58	12.47	134.41	13.81	133.07	12.90	133.98	12.97	133.91
MW-15	18	--	4-19	Shallow	136.13	135.73	NM	NM	5.10	130.63	NM	NM	4.52	131.21	3.33	132.40	4.15	131.58
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	NM	NM	3.19	132.40	NM	NM	2.78	132.81	2.10	133.49	2.12	133.47
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	NM	NM	3.33	132.36	NM	NM	2.91	132.78	2.23	133.46	2.24	133.45
MW-16	19	--	4-19	Shallow	138.74	138.30	2.66	135.64	6.22	132.08	2.82	135.48	5.50	132.80	3.05	135.25	4.63	133.67
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	4.81	133.57	6.14	132.24	4.62	133.76	5.72	132.66	4.98	133.40	4.99	133.39
MW-17	28.4	--	13-28	Shallow	142.07	141.66	2.68	138.98	6.69	134.97	2.84	138.82	5.51	136.15	3.18	138.48	4.38	137.28
MW-18	26.4	--	11-26	Shallow	145.68	145.41	9.83	135.58	11.87	133.54	9.52	135.89	11.24	134.17	9.92	135.49	10.23	135.18
MW-19	20.15	--	5-20	Shallow	148.47	148.22	12.11	136.11	13.98	134.24	10.77	137.45	13.50	134.72	11.32	136.90	11.89	136.33
MW-20	15.15	--	5-15	Shallow	148.50	148.19	11.85	136.34	13.78	134.41	10.49	137.70	13.38	134.81	11.57	136.62	11.53	136.66
MW-21	34.4	--	19-34	Shallow	148.43	147.97	12.21	135.76	14.13	133.84	11.43	136.54	13.62	134.35	12.61	135.36	12.90	135.07
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	12.54	134.38	14.16	132.76	12.29	134.63	13.68	133.24	12.73	134.19	12.82	134.10
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	11.95	134.01	13.49	132.47	11.72	134.24	13.01	132.95	12.13	133.83	12.20	133.76
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	13.73	134.53	15.48	132.78	13.51	134.75	14.94	133.32	13.96	134.30	14.08	134.18
MW-24	21	--	6-21	Shallow	148.52	147.85	13.33	134.52	14.95	132.90	12.95	134.90	14.43	133.42	13.45	134.40	13.55	134.30
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	4.39	134.82	6.85	132.36	5.14	134.07	6.39	132.82	5.55	133.66	5.59	133.62
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	9.96	133.68	11.43	132.21	9.75	133.89	10.96	132.68	10.15	133.49	10.18	133.46
MW-27	29	--	19 - 29	Shallow	145.93	145.78	8.09	137.69	12.27	133.51	6.96	138.82	11.38	134.40	8.18	137.60	8.38	137.40
MW-28	29	--	19 - 29	Shallow	146.35	146.12	11.83	134.29	13.43	132.69	11.59	134.53	12.92	133.20	11.74	134.38	12.08	134.04
MW-29	29	--	19 - 29	Shallow	141.03	140.55	6.43	134.12	7.93	132.62	6.20	134.35	7.44	133.11	6.53	134.02	6.64	133.91
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	4.95	131.06	5.53	130.48	4.84	131.17	5.22	130.79	4.97	131.04	4.80	131.21
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	8.82	132.57	9.77	131.62	8.67	132.72	9.42	131.97	8.92	132.47	8.80	132.59
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned	
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	6.65	132.23	7.80	131.08	6.51	132.37	7.41	131.47	6.78	132.10	6.78	132.10
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	12.91	131.88	13.39	131.40	12.78	132.01	13.15	131.64	12.89	131.90	12.72	132.07
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	13.80	131.91	14.35	131.36	13.72	131.99	14.18	131.53	13.80	131.91	13.70	132.01
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	11.83	130.12	12.28	129.67	11.80	130.15	12.05	129.90	11.86	130.09	11.81	130.14
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	2.37	128.56	2.90	128.03	2.38	128.55	2.67	128.26	2.48	128.45	2.45	128.48
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	11.91	136.45	13.75	134.61	10.40	137.96	13.29	135.07	11.76	136.60	11.54	136.82

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Notes:

ft bgs - feet below ground surface

ft btoc -feet below top of casing

ft msl - feet above mean sea level

NI - Not installed on the date of the measurement.

NM - No measurement collected.

1. Top of casing and ground surface elevations for most wells surveyed by Edisto Engineers and Surveyors, Inc. on May 23, 2011 and March 20, 2014. MW-15D1 TOC elevation tied into existing site wells by H&H on April 30, 2012. Monitoring wells MW-24, MW-25D, and MW-26D were surveyed by AECOM on January 26, 2016. Monitoring wells MW-27 through MW-29 and MW-30D through MW-32DR were surveyed by AECOM on May 10, 2017. Monitoring wells MW-33D through MW-36D were surveyed by AECOM on December 5, 2019. MW-37 was surveyed by AECOM on August 17, 2020.
2. Vertical positions are referenced to the North American Vertical Datum of 1988 (NAVD88).
3. Information for historic monitoring wells from Table 1 of the RI Workplan (H&H, 2013).

Table 3
Groundwater Quality Indicator Parameters
Delavan Spray Technologies Site
Bamberg, South Carolina

Well	Date	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH (S.U.)	ORP (mV)	Turbidity (NTUs)
MW-1	10/29/2024	23.7	0.034	3.54	5.41	145.9	152.9
MW-2	10/29/2024	22.7	0.038	0.96	7.1	-28.1	508.9
MW-3	10/29/2024	23.6	0.032	3.10	6.04	105.6	447.2
MW-3D	10/29/2024	21.1	0.246	2.18	6.84	73.2	64.47
MW-3D1	10/29/2024	20.6	0.230	0.59	7.41	15.5	30.51
MW-4	10/29/2024	19.5	0.129	0.74	5.15	127.6	196.9
MW-5	10/29/2024	23.0	0.025	3.82	5.29	114.1	162.0
MW-6	10/29/2024	23.1	0.067	0.64	5.57	41.7	106.4
MW-7	10/29/2024	22.6	0.038	4.51	7.81	2.9	566.5
MW-8	10/29/2024	25.9	0.199	1.17	5.88	80.3	77.34
MW-9	10/29/2024	18.2	0.061	1.57	5.86	50.1	552.7
MW-9D	10/29/2024	18.2	0.237	0.83	7.08	-66.8	228.4
MW-10	10/29/2024	18.5	0.109	0.87	5.91	11.9	95.72
MW-10D	10/29/2024	17.5	0.250	2.67	6.99	-29.2	295.8
MW-11	10/29/2024	18.2	0.199	0.68	6.52	-34.20	153.9
MW-12D	10/29/2024	18.1	0.357	3.84	10.92	-73.2	9.59
MW-13D	10/29/2024	18.8	0.71	0.99	10.98	-196.3	37.90
MW-14	10/29/2024	20.9	0.066	4.17	7.04	120.0	258.2
MW-14D	10/29/2024	19.7	0.190	0.88	7.47	-1.7	59.24
MW-15	10/28/2024	19.4	0.570	3.50	5.04	144.5	94.37
MW-15D	10/28/2024	18.2	0.494	2.38	6.79	34.6	282.4
MW-15D1	10/28/2024	18.3	0.248	1.48	7.48	220	106.8
MW-16	10/29/2024	19.8	0.045	0.59	5.00	141.5	256.4
MW-16D	10/29/2024	19.2	0.284	2.98	6.86	59.0	75.98
MW-17	10/29/2024	17.4	0.105	2.70	4.79	203.4	117.4
MW-18	10/29/2024	18.9	0.067	1.83	5.44	75.3	87.40
MW-19	10/28/2024	23.0	0.012	3.82	5.55	194.6	7.70
MW-20	10/28/2024	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹	NM ¹
MW-21	10/29/2024	21.5	0.024	0.88	5.87	29.2	28.46
MW-21D	10/29/2024	20.6	0.238	1.10	7.83	-25.9	132.8
MW-22D	10/29/2024	20.0	0.278	2.45	7.84	55.1	48.99
MW-23D	10/29/2024	20.0	0.322	1.74	7.41	-30.1	49.14
MW-24	10/29/2024	21.8	0.026	3.65	4.82	210.8	108.7
MW-25D	10/29/2024	19.8	0.290	2.14	7.53	62.4	540.7
MW-26D	10/29/2024	19.4	0.288	2.04	7.56	66.8	139.3
MW-27	10/29/2024	18.9	0.043	4.27	6.34	33.1	91.68
MW-28	10/29/2024	18.3	0.125	1.42	7.68	0.3	132.3
MW-29	10/29/2024	18.0	0.061	1.15	5.28	142.2	237.9
MW-30D	10/29/2024	19.5	0.288	3.19	7.59	98.7	NM
MW-31D	10/29/2024	19.7	0.274	2.69	7.62	90.9	368.6
MW-32DR	10/29/2024	19.5	0.291	1.97	7.53	84.7	>1100
MW-33D	10/28/2024	18.8	0.282	4.33	7.55	101.5	774.5
MW-34D	10/29/2024	18.9	0.60	0.94	11.21	-27.9	20.07
MW-35D	10/29/2024	18.8	0.251	2.52	8.84	4.2	>1100
MW-36D	10/29/2024	18.2	0.318	0.55	7.16	-25.8	>1100
MW-37	10/28/2024	22.9	0.015	6.65	6.10	177.5	16.90
SW-01-LC	10/29/2024	17.5	0.203	4.15	7.14	176.8	3.39
SW-02-LC	10/29/2024	17.7	0.189	4.51	7.01	140.1	47.91
SW-03-HMB	10/29/2024	17.6	0.189	6.15	7.00	143.5	20.67
SW-04-TLC	10/29/2024	18.3	0.070	5.69	6.83	100.2	18.69
SW-05-LC	10/29/2024	17.2	0.207	4.60	6.69	180.8	9.08

Notes:

°C - degrees Celsius

mS/cm - milliSiemens per centimeter

ORP - oxidation-reduction potential

S.U. - standard units

mg/L - milligrams per liter

mV - millivolts

NM - No measurement

NTUs - Nephelometric Turbidity Units

1. Parameters could not be collected from MW-20 due to insufficient water volume after sample collection.

Table 4
Summary of Analytical Results for Detected Compounds in Groundwater Samples
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-1 FC19974-45 10/29/24	MW-2 FC19974-43 10/29/24	MW-3 FC19974-39 10/29/24	MW-3D FC19974-40 10/29/24	MW-3D1 FC19974-41 10/29/24
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 0.25	< 0.5	< 0.25
1,1-Dichloroethylene	7	< 0.32	< 0.32	< 0.32	3.9	< 0.32
Acetone	—	< 10	< 10	< 10	< 20	< 10
cis-1,2-Dichloroethylene	70	0.63 J//	< 0.28	0.99 J//	8.3	< 0.28
Ethylbenzene	700	< 0.36	< 0.36	< 0.36	< 0.71	< 0.36
Methylene Chloride	5	< 2	< 2	< 2	4.4 J//	< 2
Tetrachloroethylene	5	21.9	< 0.22	67.7	308	< 0.22
Toluene	1,000	< 0.3	< 0.3	< 0.3	< 0.6	< 0.3
Trichloroethylene	5	< 0.35	< 0.35	1.3	8.8	< 0.35

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-4 FC19974-16 10/29/24	MW-5 FC19974-48 10/29/24	MW-6 FC19974-47 10/29/24	MW-7 FC19974-38 10/29/24	MW-8 FC19974-46 10/29/24
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 0.25	< 0.25	< 1.2
1,1-Dichloroethylene	7	< 0.32	< 0.32	< 0.32	< 0.32	< 1.6
Acetone	—	< 10	< 10	< 10	< 10	< 50
cis-1,2-Dichloroethylene	70	< 0.28	< 0.28	< 0.28	< 0.28	15.9
Ethylbenzene	700	< 0.36	< 0.36	< 0.36	< 0.36	< 1.8
Methylene Chloride	5	< 2	< 2	< 2	< 2	17.5 J//
Tetrachloroethylene	5	< 0.22	< 0.22	< 0.22	< 0.22	421
Toluene	1,000	< 0.3	< 0.3	< 0.3	< 0.3	< 1.5
Trichloroethylene	5	< 0.35	< 0.35	< 0.35	< 0.35	95.3

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-9 FC19974-13 10/29/24	MW-9D FC19974-12 10/29/24	MW-10 FC19974-10 10/29/24	MW-10D FC19974-11 10/29/24	MW-11 FC19974-9 10/29/24
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1-Dichloroethane	—	< 0.34	< 0.34	1.4	< 0.34	< 0.34
1,1-Dichloroethylene	7	< 0.32	< 0.32	127	< 0.32	< 0.32
1,2-Dichloroethane	5	< 0.31	< 0.31	0.49 J//	< 0.31	< 0.31
Acetone	—	< 10	< 10	< 10	< 10	< 10
Chlorobenzene	100	< 0.2	< 0.2	0.5 J//	< 0.2	< 0.2
cis-1,2-Dichloroethylene	70	1.7	< 0.28	1,970	< 0.28	< 0.28
Ethylbenzene	700	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Methylene Chloride	5	< 2	< 2	< 2	< 2	< 2
Tetrachloroethylene	5	87.2	< 0.22	142	0.48 J//	< 0.22
Toluene	1,000	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
trans-1,2-Dichloroethylene	100	< 0.22	< 0.22	1.6	< 0.22	< 0.22
Trichloroethylene	5	34.9	< 0.35	182	< 0.35	< 0.35
Vinyl Chloride	2	< 0.41	< 0.41	3.3	< 0.41	< 0.41

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-12D FC19974-18 10/29/24	MW-13D FC19974-17 10/29/24	MW-14 FC19974-34 10/29/24	MW-14D FC19974-35 10/29/24	MW-15 FC19974-1 10/28/24
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1-Dichloroethylene	7	< 0.32	1.3	< 0.32	< 0.32	< 0.32
1,2-Dichloroethane	5	< 0.31	1.2	< 0.31	< 0.31	< 0.31
Acetone	—	< 10	< 10	< 10	< 10	< 10
cis-1,2-Dichloroethylene	70	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Ethylbenzene	700	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Methylene Chloride	5	< 2	< 2	< 2	< 2	< 2
Tetrachloroethylene	5	16.8	81.2	< 0.22	12.3	< 0.22
Toluene	1,000	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Trichloroethylene	5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-15D FC19974-2 10/28/24	MW-15D1 FC19974-3 10/28/24	MW-16 FC19974-22 10/29/24	MW-16D FC19974-23 10/29/24	MW-17 FC19974-15 10/29/24
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1-Dichloroethylene	7	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Acetone	—	< 10	< 10	< 10	< 10	< 10
cis-1,2-Dichloroethylene	70	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Ethylbenzene	700	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Methylene Chloride	5	< 2	< 2	< 2	< 2	< 2
Tetrachloroethylene	5	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Toluene	1,000	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Trichloroethylene	5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35

Table 4
Summary of Analytical Results for Detected Compounds in Groundwater Samples
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-18 FC19974-14 10/29/24	MW-19 FC19974-6 10/28/24	MW-20 FC19974-7 10/28/24	MW-21 FC19974-44 10/29/24	MW-21D FC19974-42 10/29/24
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1,1-Trichloroethane	200	< 0.25	< 62	< 0.25	< 25	< 0.25
1,1-Dichloroethylene	7	< 0.32	< 81	< 0.32	< 32	< 0.32
Acetone	—	< 10	< 2500	15.4 J//	< 1000	< 10
cis-1,2-Dichloroethylene	70	< 0.28	106 J//	0.55 J//	462	< 0.28
Ethylbenzene	700	< 0.36	< 89	< 0.36	< 36	< 0.36
Methylene Chloride	5	< 2	706 J//	< 2	356 J//	< 2
Tetrachloroethylene	5	< 0.22	23,700	65.8	7,870	< 0.22
Toluene	1,000	< 0.3	< 75	< 0.3	< 30	< 0.3
trans-1,2-Dichloroethylene	100	< 0.22	< 55	0.23 J//	< 22	< 0.22
Trichloroethylene	5	< 0.35	< 86	1.5	213	< 0.35

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-22D FC19974-26 10/29/24	MW-23D FC19974-37 10/29/24	MW-24 FC19974-49 10/29/24	MW-25D FC19974-31 10/29/24
Volatile Organic Compounds by Method 8260B (µg/L)					
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 5	< 0.25
1,1-Dichloroethylene	7	1.6	< 0.32	< 6.4	2.1
Acetone	—	< 10	< 10	< 200	< 10
cis-1,2-Dichloroethylene	70	0.61 J//	< 0.28	27.7	1.2
Ethylbenzene	700	< 0.36	< 0.36	< 7.1	< 0.36
Methylene Chloride	5	< 2	< 2	67.9 J//	< 2
Tetrachloroethylene	5	96.9	< 0.22	1,660	88
Toluene	1,000	< 0.3	< 0.3	< 6	< 0.3
Trichloroethylene	5	0.73 J//	< 0.35	< 6.9	1.3

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-26D FC19974-28 10/29/24	MW-27 FC19974-20 10/29/24	MW-28 FC19974-19 10/29/24	MW-29 FC19974-21 10/29/24
Volatile Organic Compounds by Method 8260B (µg/L)					
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 0.25	< 0.25
1,1-Dichloroethylene	7	0.48 J//	< 0.32	< 0.32	< 0.32
Acetone	—	< 10	< 10	< 10	< 10
cis-1,2-Dichloroethylene	70	0.44 J//	< 0.28	< 0.28	< 0.28
Ethylbenzene	700	< 0.36	< 0.36	< 0.36	< 0.36
Methylene Chloride	5	< 2	< 2	< 2	< 2
Tetrachloroethylene	5	28.3	< 0.22	< 0.22	< 0.22
Toluene	1,000	< 0.3	< 0.3	< 0.3	< 0.3
Trichloroethylene	5	0.56 J//	< 0.35	< 0.35	< 0.35

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-30D FC19974-33 10/29/24	MW-31D FC19974-32 10/29/24	MW-32DR FC19974-29 10/29/24	MW-33D FC19974-4 10/28/24
Volatile Organic Compounds by Method 8260B (µg/L)					
1,1,1-Trichloroethane	200	< 0.25	< 0.5	< 0.25	< 0.25
1,1-Dichloroethylene	7	1.5	2.7	< 0.32	< 0.32
Acetone	—	< 10	< 20	< 10	< 10
cis-1,2-Dichloroethylene	70	0.93 J//	< 0.55	< 0.28	< 0.28
Ethylbenzene	700	< 0.36	< 0.71	< 0.36	< 0.36
Methylene Chloride	5	< 2	5 J//	< 2	< 2
Tetrachloroethylene	5	93.5	174	26.5 J/A	< 0.22
Toluene	1,000	< 0.3	< 0.6	< 0.3	< 0.3
Trichloroethylene	5	1.1	< 0.69	< 0.35	< 0.35

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-34D FC19974-24 10/29/24	MW-35D FC19974-25 10/29/24	MW-36D FC19974-8 10/29/24	MW-37 FC19974-5 10/28/24
Volatile Organic Compounds by Method 8260B (µg/L)					
1,1,1-Trichloroethane	200	< 0.25	< 0.25	< 0.25	< 5
1,1-Dichloroethylene	7	< 0.32	< 0.32	< 0.32	< 6.4
Acetone	—	< 10	< 10	< 10	< 200
cis-1,2-Dichloroethylene	70	< 0.28	< 0.28	< 0.28	< 5.5
Ethylbenzene	700	< 0.36	< 0.36	< 0.36	< 7.1
Methylene Chloride	5	< 2	< 2	< 2	43.7 J//
Tetrachloroethylene	5	< 0.22	< 0.22	< 0.22	1,600
Toluene	1,000	< 0.3	< 0.3	< 0.3	< 6
Trichloroethylene	5	< 0.35	< 0.35	< 0.35	< 6.9

Notes:

µg/L - micrograms per liter (parts per billion)

USEPA MCL - United States Environmental Protection Agency Maximum Contaminant Level (March, 2018).

— - Indicates No Standard (for screening criteria).

Bold font and shading indicate the concentration is detected.

Bold outline indicates the concentration exceeds the MCL.

South Carolina Department of Environmental Services (SCDES) R.61-68 Water Classifications and Standards (May 2023) were also identified for the list of detected chemicals in groundwater. In each case, however, they were the same values as the USEPA MCLs.

See **Table 7** for explanation of data qualifiers.

Table 5
Summary of Analytical Results for Detected Compounds in Surface Water Samples
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA MCL	SCDES WCS	SW-01-LC FC15105-25 04/23/24	SW-02-LC FC15105-27 04/23/24	SW-3-HMB FC15105-28 04/23/24	SW-04-TLC FC15105-26 04/23/24	SW-05-LC FC15105-24 04/23/24
Volatile Organic Compounds by Method 8260 (µg/L)							
Tetrachloroethylene	5	3.3	2.5	< 0.22	< 0.22	< 0.22	1.2

Notes:

µg/L - micrograms per liter (parts per billion)

Bold font and shading indicate the concentration is detected.

USEPA MCL - United States Environmental Protection Agency Maximum Contaminant Level (March 2018).

SCDES WCS - South Carolina Department of Environmental Services R.61-68 Water Classifications and Standards for Consumption of Organism Only (May 2023)

See **Table 7** for explanation of data qualifiers.

Table 6
Summary of QA/QC Sample Results
Delavan Spray Technologies Site
Bamberg, South Carolina

Field Duplicate Samples

Sample ID Lab Sample ID Date Collected	MW-14D FC19974-35 10/29/24	MW-14D-A FC19974-36 10/29/24	Relative Percent Difference	MW-22D FC19974-26 10/29/24	MW-22D-A FC19974-27 10/29/24	Relative Percent Difference
Volatile Organic Compounds by 8260D (µg/L)						
1,1,1-Trichloroethane	< 0.25	< 0.25	NC	< 0.25	< 0.25	NC
1,1,2,2-Tetrachloroethane	< 0.3	< 0.3	NC	< 0.3	< 0.3	NC
1,1,2-Trichloroethane	< 0.47	< 0.47	NC	< 0.47	< 0.47	NC
1,1-Dichloroethane	< 0.34	< 0.34	NC	< 0.34	< 0.34	NC
1,1-Dichloroethylene	< 0.32	< 0.32	NC	1.6	1.4	13.3
1,2-Dichloroethane	< 0.31	< 0.31	NC	< 0.31	< 0.31	NC
1,2-Dichloropropane	< 0.43	< 0.43	NC	< 0.43	< 0.43	NC
2-Butanone (MEK)	< 2	< 2	NC	< 2	< 2	NC
2-Hexanone	< 2	< 2	NC	< 2	< 2	NC
4-Methyl-2-pentanone (MIBK)	< 1	< 1	NC	< 1	< 1	NC
Acetone	< 10	< 10	NC	< 10	< 10	NC
Benzene	< 0.31	< 0.31	NC	< 0.31	< 0.31	NC
Bromodichloromethane	< 0.24	< 0.24	NC	< 0.24	< 0.24	NC
Bromoform	< 0.41	< 0.41	NC	< 0.41	< 0.41	NC
Carbon Disulfide	< 0.53	< 0.53	NC	< 0.53	< 0.53	NC
Carbon Tetrachloride	< 0.36	< 0.36	NC	< 0.36	< 0.36	NC
Chlorobenzene	< 0.2	< 0.2	NC	< 0.2	< 0.2	NC
Chloroethane	< 0.67	< 0.67	NC	< 0.67	< 0.67	NC
Chloroform	< 0.3	< 0.3	NC	< 0.3	< 0.3	NC
cis-1,2-Dichloroethylene	< 0.28	< 0.28	NC	0.61 J//	0.51 J//	NC
cis-1,3-Dichloropropene	< 0.29	< 0.29	NC	< 0.29	< 0.29	NC
Dibromochloromethane	< 0.28	< 0.28	NC	< 0.28	< 0.28	NC
Ethylbenzene	< 0.36	< 0.36	NC	< 0.36	< 0.36	NC
Methyl Bromide	< 2	< 2	NC	< 2	< 2	NC
Methyl Chloride	< 0.5	< 0.5	NC	< 0.5	< 0.5	NC
Methylene Chloride	< 2	< 2	NC	< 2	< 2	NC
Styrene	< 0.22	< 0.22	NC	< 0.22	< 0.22	NC
Tetrachloroethylene	12.3	9.5	25.7	96.9	90.5	6.8
Toluene	< 0.3	< 0.3	NC	< 0.3	< 0.3	NC
trans-1,2-Dichloroethylene	< 0.22	< 0.22	NC	< 0.22	< 0.22	NC
trans-1,3-Dichloropropene	< 0.21	< 0.21	NC	< 0.21	< 0.21	NC
Trichloroethylene	< 0.35	< 0.35	NC	0.73 J//	0.69 J//	NC
Vinyl Chloride	< 0.41	< 0.41	NC	< 0.41	< 0.41	NC
Xylene (total)	< 0.72	< 0.72	NC	< 0.72	< 0.72	NC

Notes:

-A - Indicates a field duplicate sample.

NC - Not Calculated

µg/L - micrograms per liter (parts per billion)

Bold font and shading indicate the concentration is detected.

See **Table 7** for explanation of data qualifiers.

Table 6
Summary of QA/QC Sample Results
Delavan Spray Technologies Site
Bamberg, South Carolina

Field Duplicate Samples

Sample ID Lab Sample ID Date Collected	MW-24 FC19974-49 10/29/24	MW-24-A FC19974-50 10/29/24	Relative Percent Difference	MW-32DR FC19974-29 10/29/24	MW-32DR-A FC19974-30 10/29/24	Relative Percent Difference
Volatile Organic Compounds by 8260D (µg/L)						
1,1,1-Trichloroethane	< 5	< 5	NC	< 0.25	< 0.25	NC
1,1,2,2-Tetrachloroethane	< 6	< 6	NC	< 0.3	< 0.3	NC
1,1,2-Trichloroethane	< 9.3	< 9.3	NC	< 0.47	< 0.47	NC
1,1-Dichloroethane	< 6.8	< 6.8	NC	< 0.34	< 0.34	NC
1,1-Dichloroethylene	< 6.4	< 6.4	NC	< 0.32	< 0.32	NC
1,2-Dichloroethane	< 6.2	< 6.2	NC	< 0.31	< 0.31	NC
1,2-Dichloropropane	< 8.5	< 8.5	NC	< 0.43	< 0.43	NC
2-Butanone (MEK)	< 40	< 40	NC	< 2	< 2	NC
2-Hexanone	< 40	< 40	NC	< 2	< 2	NC
4-Methyl-2-pentanone (MIBK)	< 20	< 20	NC	< 1	< 1	NC
Acetone	< 200	< 200	NC	< 10	< 10	NC
Benzene	< 6.2	< 6.2	NC	< 0.31	< 0.31	NC
Bromodichloromethane	< 4.8	< 4.8	NC	< 0.24	< 0.24	NC
Bromoform	< 8.1	< 8.1	NC	< 0.41	< 0.41	NC
Carbon Disulfide	< 11	< 11	NC	< 0.53	< 0.53	NC
Carbon Tetrachloride	< 7.1	< 7.1	NC	< 0.36	< 0.36	NC
Chlorobenzene	< 4	< 4	NC	< 0.2	< 0.2	NC
Chloroethane	< 13	< 13	NC	< 0.67	< 0.67	NC
Chloroform	< 6	< 6	NC	< 0.3	< 0.3	NC
cis-1,2-Dichloroethylene	27.7	26	6.3	< 0.28	< 0.28	NC
cis-1,3-Dichloropropene	< 5.8	< 5.8	NC	< 0.29	< 0.29	NC
Dibromochloromethane	< 5.5	< 5.5	NC	< 0.28	< 0.28	NC
Ethylbenzene	< 7.1	< 7.1	NC	< 0.36	< 0.36	NC
Methyl Bromide	< 40	< 40	NC	< 2	< 2	NC
Methyl Chloride	< 10	< 10	NC	< 0.5	< 0.5	NC
Methylene Chloride	67.9 J//	75.2 J//	NC	< 2	< 2	NC
Styrene	< 4.4	< 4.4	NC	< 0.22	< 0.22	NC
Tetrachloroethylene	1660	1700	2.4	26.5 I/J/A	13 I/J/A	68.4
Toluene	< 6	< 6	NC	< 0.3	< 0.3	NC
trans-1,2-Dichloroethylene	< 4.4	< 4.4	NC	< 0.22	< 0.22	NC
trans-1,3-Dichloropropene	< 4.3	< 4.3	NC	< 0.21	< 0.21	NC
Trichloroethylene	< 6.9	< 6.9	NC	< 0.35	< 0.35	NC
Vinyl Chloride	< 8.2	< 8.2	NC	< 0.41	< 0.41	NC
Xylene (total)	< 14	< 14	NC	< 0.72	< 0.72	NC

Notes:

-A - Indicates a field duplicate sample.

NC - Not Calculated

µg/L - micrograms per liter (parts per billion)

Bold font and shading indicate the concentration is detected.

See **Table 7** for explanation of data qualifiers.

Table 6
Summary of QA/QC Sample Results
Delavan Spray Technologies Site
Bamberg, South Carolina

Trip Blank Sample

Sample ID Lab Sample ID Date Collected	TRIP BLANK FC19974-56 10/29/24	
Volatile Organic Compounds by 8260D (µg/L)		
1,1,1-Trichloroethane	<	0.25
1,1,2,2-Tetrachloroethane	<	0.3
1,1,2-Trichloroethane	<	0.47
1,1-Dichloroethane	<	0.34
1,1-Dichloroethylene	<	0.32
1,2-Dichloroethane	<	0.31
1,2-Dichloropropane	<	0.43
2-Butanone (MEK)	<	2
2-Hexanone	<	2
4-Methyl-2-pentanone (MIBK)	<	1
Acetone	<	10
Benzene	<	0.31
Bromodichloromethane	<	0.24
Bromoform	<	0.41
Carbon Disulfide	<	0.53
Carbon Tetrachloride	<	0.36
Chlorobenzene	<	0.2
Chloroethane	<	0.67
Chloroform	<	0.3
cis-1,2-Dichloroethylene	<	0.28
cis-1,3-Dichloropropene	<	0.29
Dibromochloromethane	<	0.28
Ethylbenzene	<	0.36
Methyl Bromide	<	2
Methyl Chloride	<	0.5
Methylene Chloride	<	2
Styrene	<	0.22
Tetrachloroethylene	<	0.22
Toluene		0.78 J//
trans-1,2-Dichloroethylene	<	0.22
trans-1,3-Dichloropropene	<	0.21
Trichloroethylene	<	0.35
Vinyl Chloride	<	0.41
Xylene (total)	<	0.72

Notes:

µg/L - micrograms per liter (parts per billion)

Bold font and shading indicates the analyte was detected.

See **Table 7** for explanation of data qualifiers.

Table 7
Definitions of Data Qualifiers
Delevan Spray Technologies Site
Bamberg, South Carolina

<u>Modifier</u>	<u>Description</u>
<	Indicates not detected at the reporting limit indicated.
"/"	Separates the laboratory added data qualifiers from the validation data qualifiers. The laboratory added data qualifiers precede the first "/." The result qualifiers follow the first "/," and the analysis qualifiers follow the second "/." The result qualifiers are a product of the data validation process, and the analysis qualifiers define the type of QC excursion.

Laboratory Data Qualifiers

<u>Qualifier</u>	<u>Description</u>
J	Estimated concentration above the method detection limit and below the reporting limit.

Result Data Qualifiers

<u>Qualifier</u>	<u>Description</u>
B	The analyte was found in an associated blank as well as the sample.
J	The analyte was positively identified. The quantitation is an estimation.

Analysis Data Qualifiers

<u>Qualifier</u>	<u>Description</u>
A	Percent difference between the primary and duplicate sample exceeded the established criteria.
T	Detected in the associated trip blank.

Appendix A

Technical Memorandum – Fall 2024 Residential Sampling Activities and Results

TECHNICAL MEMORANDUM

TO: Genevieve L. Keller-Milliken, SCDHEC

FROM: Conan Fitzgerald, AECOM
Leslee J. Alexander, AECOM

COPY: Paul DiNardo, RTX Corporation
Stephanie Cushing, RTX Corporation
Todd McLeod, Delavan Spray Technologies
David Graham, Delavan Spray Technologies
AECOM Project File 60314964/60730348

RE: Fall 2024 Residential Sampling Activities and Results
Delavan Spray LLC
Bamberg, South Carolina
VCC 13-4762-RP

DATE: May 8, 2025

This Technical Memorandum presents the sampling activities and results for the residential well sampling conducted in the vicinity of the Delavan Spray Technologies Site ("Delavan"), a Delavan Spray LLC manufacturing facility located at 4334 Main Highway in Bamberg, South Carolina. The work described herein was completed by AECOM Technical Services, Inc. (AECOM) for RTX Corporation (RTX) on behalf of Delavan Spray LLC (Delavan).

Background

Following South Carolina Department of Health and Environmental Control (SCDHEC) review of the activities scoped in the *Limestone Aquifer Groundwater Assessment Work Plan* (AECOM, October 13, 2017), SCDHEC requested the sampling of select private wells along Lemon Creek and Orange Grove Roads (correspondence dated December 18, 2017). Subsequently, residential well sampling activities were conducted and documented in two separate technical memoranda entitled *Residential Sampling Activities and Results* and submitted to SCDHEC on February 15, 2018 and June 4, 2018.

In 9 of the 27 residential well samples collected between January 4, 2018 and April 19, 2019, PCE was detected at low levels below its USEPA MCL of 5 micrograms per liter ($\mu\text{g/L}$). At that time, eight of the residential wells with PCE detections were used for drinking water and one was used for irrigation water for a pond. PCE was not detected in the remaining residential well samples (AECOM, February 2018, June 2018).

Although the PCE detections in the residential wells were significantly below the MCL, and the hydrogeologic assessment of the limestone aquifer was incomplete, Delavan proactively offered to install granular activated carbon (GAC) treatment units at no cost to the residents whose drinking water wells had detections of PCE. All 8 residents with the PCE detections in water wells used for drinking water elected to have GAC units installed. The GAC treatment units were installed in July 2018 and treatment verification sampling was completed in August and September 2018. A technical memorandum documenting the installation of GAC treatment systems was submitted to SCDHEC on January 15, 2019.

As documented in correspondence from SCHDEC dated June 27, 2018, it was agreed that impacted private wells with GAC units would be resampled during the 2018 sampling event and annually thereafter while the treatment systems are in place, but that the residential wells would not be added to the monitoring well network for semi-annual groundwater sampling. Additionally, Delavan elected to resample all residential wells that had previously been sampled in 2018 in order to confirm the previous results. This residential well sampling was conducted in conjunction with the semi-annual monitoring event in October 2018 and the sampling activities and results were presented in the technical memorandum *Fall 2018 Residential Sampling Activities and Results* (AECOM, January 15, 2019). Low level detections of PCE below the MCL were detected in two additional properties during the fall 2018 sampling event (343 Lemon Creek Road [LCR] and 715 LCR). Additionally, the well at 13 Lauren Court (LCT), which did not have a working pump on previous sampling visits, was sampled in April 2019 and had a low-level detection of PCE below the MCL. Delavan offered to install GAC systems for these residential wells and, in October 2019, three additional GAC systems were installed at well locations 13 LCT, 343 LCR, and 715 LCR.

As part of the fall 2024 semi-annual sampling, AECOM completed sampling of residential wells with GAC systems installed and the GAC contractor performed routine maintenance. The work completed and results of the sampling are discussed below.

Work Completed

On December 12, 2024, Quality Life Solutions was onsite to perform maintenance for eight (8) of eleven (11) active GAC systems (13 LCT, 410 LCR, 448 LCR, 546 LCR-A, 546 LCR-B, 684 LCR, 689 LCR, and 743 LCR; **Figure 1**). The activated carbon for these systems was refreshed by replacing the carbon in the lead GAC tank and then switching the lagging tank to become the lead. Note - residential wells 343 LCR, 698 LCR and 715 LCR, which also have GAC systems installed, were not serviced because the pumps at these locations do not currently have power and are not in use. The well at 698 LCR has not been operational for the past few years. The activated carbon at 343 LCR was not refreshed since the well has not been in use the previous 3-4 years because the power to the well has been out.

On January 16, 2025, AECOM collected groundwater samples from 9 residential wells with active GAC systems. (**Figure 1**). Private wells 698 LCR and 715 LCR were not sampled because the wells were turned off and not operational at the time of sampling (power off at 698 LCR and 715 LCR). At all 9 wells, samples were collected pre- and post-treatment to evaluate the effectiveness of the GAC treatment systems.

The residential wells that were sampled are presented in the inset table below along with the rationale for each sample.

Well Location	Rationale
13 LCT	Low-level PCE detection in October 2018; GAC installed in October 2019; sampled in January 2025 to verify performance

Well Location	Rationale
343 LCR	Low-level PCE detection in November 2018; GAC installed in October 2019; sampled in January 2025 to verify performance
410 LCR	Low-level PCE detection in November 2018; GAC installed in July 2018; sampled in January 2025 to verify performance
448 LCR	Low-level PCE detection in January 2018; GAC installed in July 2018; sampled in January 2025 to verify performance
546 LCR-A	Low-level PCE detection in January 2018; GAC installed in July 2018; sampled in January 2025 to verify performance
546 LCR-B	Low-level PCE detection in January 2018; GAC installed in July 2018; sampled in January 2025 to verify performance
684 LCR	Low-level PCE detection in January 2018; GAC installed in July 2018; sampled in January 2025 to verify performance
689 LCR	Low-level PCE detection in January 2018; GAC installed in July 2018; sampled in January 2025 to verify performance
743 LCR	Low-level PCE detection in January 2018; GAC installed in July 2018; sampled in January 2025 to verify performance

For each sample, the faucet or sample port was purged for at least five (5) minutes prior to residential groundwater sample collection. Immediately before sample collection, field parameters were measured with a YSI water quality meter and recorded on the Field Screening form included in **Attachment 1**.

Upon collection, all groundwater samples were labeled, preserved on ice, and kept under chain-of-custody protocol with the associated trip blanks until received at the subcontract analytical laboratory. The samples were received by the laboratory in good condition with no QA/QC issues. Chain-of-custody forms are included in **Attachment 1**. Residential well groundwater samples were analyzed for PCE, TCE, cis-1,2-DCE and vinyl chloride by USEPA Method 524.2. Residential groundwater samples were analyzed by Pace Analytical, a South Carolina-certified laboratory located in West Columbia, South Carolina.

Results

The laboratory analytical data package and data assessment report (DAR) are included as **Attachments 2 and 3**, respectively. A summary table of the sampling results is included as **Table 1**. A map of the Site

vicinity illustrating the properties visited and residential sampling results along with the October 2024 PCE groundwater concentrations from site monitoring wells is included as **Figure 2**.

Groundwater samples were collected from 9 residential wells in January 2025 (**Table 1 and Figure 2**). PCE was detected in pre-treatment groundwater samples from one residential well (546 LCR-A). Consistent with the prior residential well sampling, the PCE detection was a low concentration. The detection in January 2025 was 0.43 µg/L, significantly below the MCL for PCE (5 µg/L). For the last two years of monitoring, this is the only residential well where PCE was detected.

Laboratory results were validated as documented in the DAR (**Attachment 3**) and all data was acceptable for their intended purpose. No detections were found in the post-treatment sample for well 546LCR-A, indicating that GAC system is working as intended. For the other eight locations there was no PCE at detectable levels for the GAC systems to treat. Other than PCE, no other compounds were detected in samples from residential wells in January 2025.

Hydrogeologic Assessment

The Limestone Aquifer assessment was completed in 2020 and submitted as the *Deep Groundwater Delineation Technical Memorandum* in June 2020. As part of this assessment, three sentinel monitoring wells were installed between Half Moon Branch and/or Lemon Creek and the private wells identified above where PCE has been detected (MW-33D, MW-34D, and MW-35D). PCE has never been detected in any of these three sentinel monitoring wells. PCE has, however, been detected in Lemon Creek as it crosses the region, flowing away from the residential wells to the east, indicating that at least a portion of the PCE plume from the Delavan site is discharging into surface water.

In February 2023, AECOM submitted an *Off-Site Feasibility Study Work Plan* (AECOM, February 14, 2023), which proposed an Off-Site Remedial Investigation that included assessment work in Half Moon Branch and Lemon Creek to better understand the interaction of groundwater and surface water in this area. The PCE plume would need to cross these two streams to reach the private wells beyond Lemon Creek and PCE has historically been detected at higher concentrations in Lemon Creek than in the private wells.

AECOM completed the proposed investigation and submitted the results in the *Off-Site Remedial Investigation Report* in September 2024 (AECOM, September 18, 2024). Results of the investigation indicated that Halfmoon Branch is likely an engineered uniform channel that acts as a drainage feature for the local groundwater table and receives PCE impacts near the surface water sampling location SW-10-HMB at levels below the MCL. The presence of PCE in Halfmoon Branch and the downstream Lemon Creek, combined with the absence of PCE in the sentinel wells beyond these drainage features indicates that the destination of PCE in the limestone aquifer is the surface water in Halfmoon Branch at concentrations below the MCL. Additionally, there was no direct evidence that the trace amounts of PCE detected in the private wells beyond Lemon Creek were derived from the Delavan site.

References

- AECOM, October 13, 2017. *Limestone Aquifer Assessment Work Plan, Delavan Spray Technologies Site, Bamberg, South Carolina.*
- AECOM, February 15, 2018. *Technical Memorandum – Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, June 4, 2018. *Technical Memorandum – Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, 2019. *Technical Memorandum - GAC Filter Installation Activities and Residential Well Sampling, Results, Delavan Spray LLC, Bamberg, South Carolina, VCC 13-4762-RP. January 15.*
- AECOM, June 12, 2019. *Technical Memorandum – Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, February 21, 2020. *Technical Memorandum – Fall 2019 Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, June 20, 2020. *Deep Groundwater Delineation Technical Memorandum, Bamberg, South Carolina.*
- AECOM, March 5, 2021. *Technical Memorandum – Fall 2020 Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, February 15, 2022. *Technical Memorandum – Fall 2021 Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, February 14, 2023. *Off-Site Feasibility Study Work Plan, Delavan Spray Technologies site, Bamberg, South Carolina.*
- AECOM, February 27, 2023. *Technical Memorandum – Fall 2022 Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, February 8, 2024. *Technical Memorandum – Fall 2023 Residential Sampling Activities and Results, Delavan Spray LLC, Bamberg, South Carolina.*
- AECOM, September 18, 2024. *Off-Site Remedial Investigation Report, Delavan Spray LLC, Bamberg, South Carolina.*

Figures

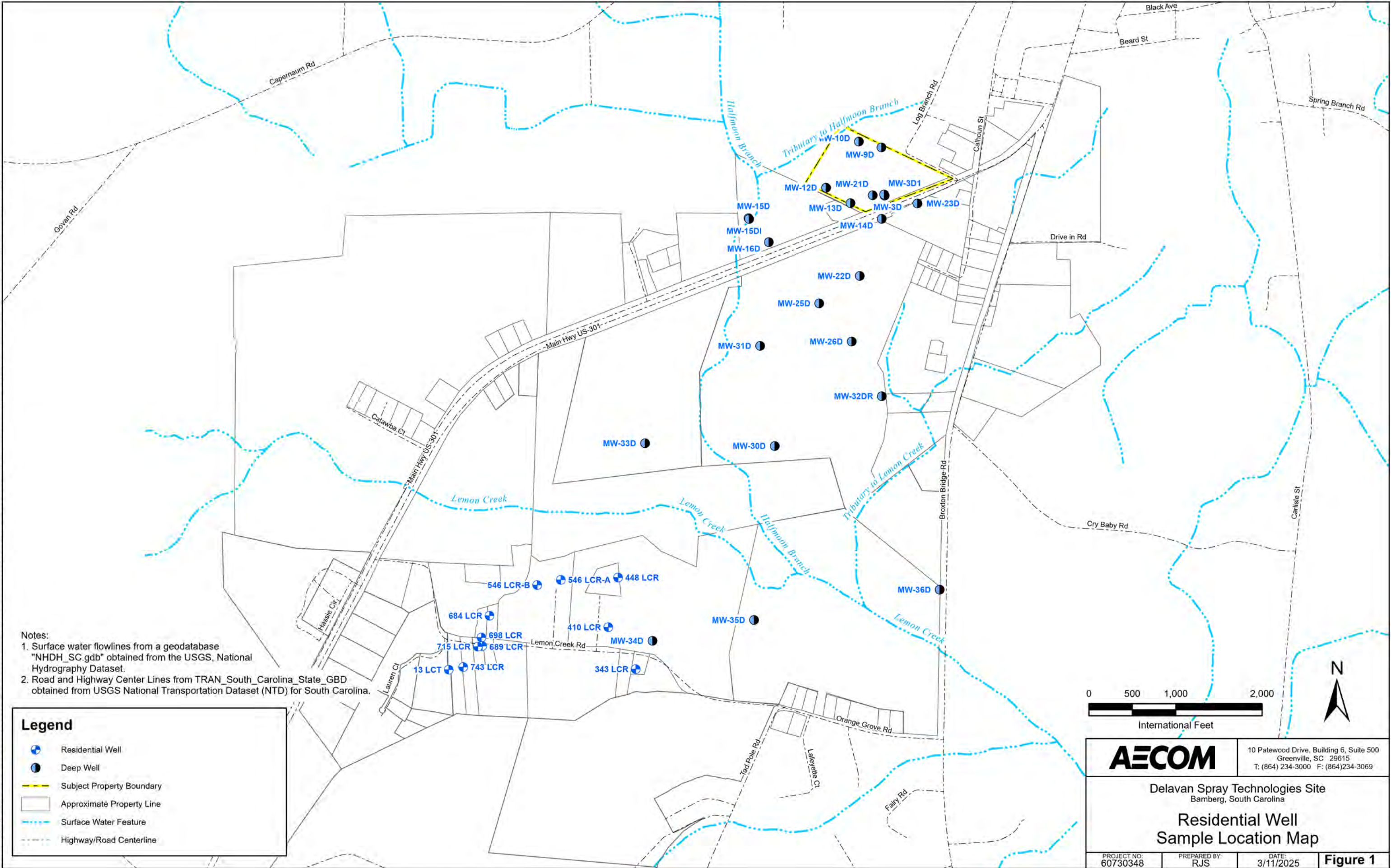
Layout: Figure 1 Residential Well Location Map
Path: L:\Legacy\Projects\60314964 - Bamberg\900-CAD-GIS\920 GIS-Graphics\AcGIS Pro Projects\Delavan Fall 2024 Semi-Annual Groundwater Monitoring.aprx

- Notes:
1. Surface water flowlines from a geodatabase "NHDH_SC.gdb" obtained from the USGS, National Hydrography Dataset.
 2. Road and Highway Center Lines from TRAN_South_Carolina_State_GBD obtained from USGS National Transportation Dataset (NTD) for South Carolina.

- Legend**
- Residential Well
 - Deep Well
 - Subject Property Boundary
 - Approximate Property Line
 - Surface Water Feature
 - Highway/Road Centerline



AECOM		10 Patewood Drive, Building 6, Suite 500 Greenville, SC 29615 T: (864) 234-3000 F: (864) 234-3069	
Delavan Spray Technologies Site Bamberg, South Carolina			
Residential Well Sample Location Map			
PROJECT NO: 60730348	PREPARED BY: RJS	DATE: 3/11/2025	Figure 1



Layout: Figure 2 PCE Concentrations in Residential Groundwater Samples October 2024
Path: L:\Legacy\Projects\60314964 - Bamberg\900-CAD-GIS\920 GIS-Graphics\AcroGIS Pro Projects\Delavan Fall 2024 Semi-Annual Groundwater Monitoring.aprx

Notes:
<0.41 - Below laboratory method detection limit
NS - Not Sampled
µg/L - micrograms per liter
PCE - Tetrachloroethene
1. Surface water flowlines from a geodatabase "NHDH_SC.gdb" obtained from the USGS, National Hydrography Dataset.
2. Road and Highway Center Lines from TRAN_South_Carolina_State_GBD obtained from USGS National Transportation Dataset (NTD) for South Carolina.

Legend

 Residential Well

 Deep Well

 Highway/Road Centerline

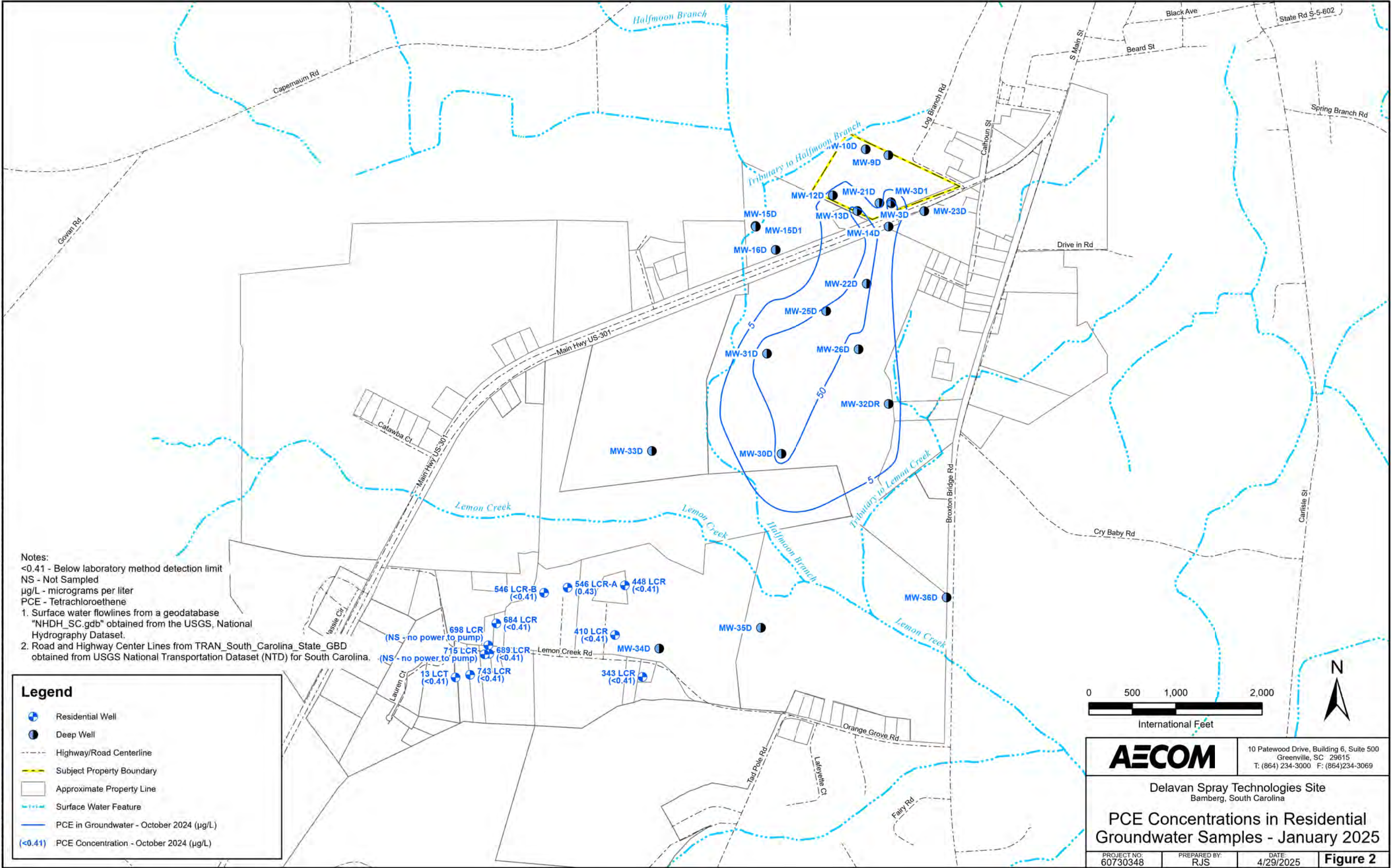
 Subject Property Boundary

 Approximate Property Line

 Surface Water Feature

 PCE in Groundwater - October 2024 (µg/L)

 (<0.41) PCE Concentration - October 2024 (µg/L)



05001,0002,000

International Feet



AECOM

10 Patewood Drive, Building 6, Suite 500
Greenville, SC 29615
T: (864) 234-3000 F: (864) 234-3069

Delavan Spray Technologies Site
Bamberg, South Carolina

**PCE Concentrations in Residential
Groundwater Samples - January 2025**

PROJECT NO:
60730348

PREPARED BY:
RJS

DATE:
4/29/2025

Figure 2

Tables

Table 1
Summary of Analytical Results in Residential Wells
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	MCL	13 LCT-PRE 92774790001 1/16/2025	13 LCT-POST 92774790002 1/16/2025	343 LCR-PRE 92774790017 1/16/2025	343 LCR-POST 92774790018 1/16/2025	410 LCR-PRE 92774790013 1/16/2025	410 LCR-POST 92774790014 1/16/2025
Select Volatile Organic Copounds by Method 524.2 (µg/L)							
cis-1,2-Dichloroethene	70	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Tetrachloroethene	5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
Trichloroethene	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Vinyl chloride	2	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41

Sample ID Lab Sample ID Date Collected	MCL	448 LCR-PRE 92774790015 1/16/2025	448 LCR-POST 92774790016 1/16/2025	546 LCR-A-PRE 92774790009 1/16/2025	546 LCR-A-POST 92774790010 1/16/2025	546 LCR-B-PRE 92774790011 1/16/2025	546 LCR-B-POST 92774790012 1/16/2025
Select Volatile Organic Copounds by Method 524.2 (µg/L)							
cis-1,2-Dichloroethene	70	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Tetrachloroethene	5	< 0.41	< 0.41	0.43	< 0.41	< 0.41	< 0.41
Trichloroethene	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Vinyl chloride	2	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41

Sample ID Lab Sample ID Date Collected	MCL	684 LCR-PRE 92774790007 1/16/2025	684 LCR-POST 92774790008 1/16/2025	689 LCR-PRE 92774790005 1/16/2025	689 LCR-POST 92774790006 1/16/2025	743 LCR-PRE 92774790003 1/16/2025	743 LCR-POST 92774790004 1/16/2025
Select Volatile Organic Copounds by Method 524.2 (µg/L)							
cis-1,2-Dichloroethene	70	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Tetrachloroethene	5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
Trichloroethene	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Vinyl chloride	2	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41

Notes:

Bold font and shading indicates the concentration is detected.

MCL - Maximum Contaminant Level (USEPA, November 2024).

There were no analytical data qualifiers added to the laboratory data.

Attachment 1
Field Documentation



FIELD INSTRUMENT CALIBRATION LOG

Project Name: RTX Delavan Residential
Project Number: _____
Calibrated By: Randy Morgan
Signature: Randy Morgan

YSI 556 SN: Pro Plus 17L103732
Turbidity Meter Model/SN: Micro TPW 201809171
Additional Equipment SN: _____
Date: 1-16-2025

Operation Notes:

- 1) Turn meter on in Run mode and allow to warm up 10 to 15 minutes prior to calibration.
- 2) Observe DO % for 2-3 minutes when meter is initially turned on. The unit should display decreasing values until it is stabilized near 100%.
- 3) If the meter does not stabilize at/near 100%, indicates the DO sensor requires maintenance.

These values should be keyed in when calibrating a water quality meter. Be sure to use the temperature of the standards, not ambient temperature, and be sure the temperature sensor is submerged in the solution.

Temp C	pH 4	pH 7	pH 10	Conductivity	ORP
5	4.00	7.07	10.19	896.00	257.00
10	4.00	7.06	10.16	1020.00	250.50
15	4.00	7.04	10.10	1147.00	244.00
20	4.00	7.02	10.05	1278.00	237.50
25	4.00	7.01	10.01	1413.00	231.00
30	4.00	6.99	9.96	1548.00	224.50

mm Hg = millimeters of mercury. Note that the YSI 556 uses this information ONLY when the DO calibration is being done. After calibration is complete it no longer corrects for pressure change. Verify the meter is correct for your altitude when calibrating.

Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)
0	760	1126	730	2290	699
278	752	1413	722	2587	692
558	745	1703	714	2887	684
841	737	1995	707	3190	676

Temp C	DO	Temp C	DO	Temp C	DO	Temp C	DO	Temp C	DO
15	10.084	20	9.092	25	8.263	30	7.559	35	6.950
16	9.870	21	8.915	26	8.113	31	7.430	36	6.837
17	9.665	22	8.743	27	7.968	32	7.305	37	6.727
18	9.467	23	8.578	28	7.827	33	7.183	38	6.620
19	9.276	24	8.418	29	7.691	34	7.065	39	6.515

Parameter	Before Calibration	After Calibration	Time	Units
Barometric Pressure	762.7		0830	mmHg
Temperature (Saturated Air)	23.4	23.5	0830	C
Temperature (Calibration Solution)	22.3	22.5	0850	C
DO	7.02	8.36	0830	mg/L
pH 7	7.20	7.02	0838	SU
pH 4	4.03	4.00	0842	SU
pH 10	10.04	10.05	0846	SU
Specific Conductance	1.29	1.28	0834	mS/cm
ORP	232.9	237.5	0850	mV

Calibrations performed 0.02, 10, and 1,000 NTU	Calibrations accepted: <u>Yes</u> No (circle one)

Field Screening Results
Delavan Groundwater Contamination Site
Bamberg, South Carolina

Sample ID	Date Collected	Field Screening Result						Comments
		Temperature (°C)	Conductivity (mS/cm)	DO (mg/L)	pH (s.u.)	ORP (mV)	Turbidity (NTU)	
Off-Site Downgradient Residential Wells								
13 LCT - PRE	1/16/25	15.1	0.221	3.74	7.94	186.4	4.26	0915
13 LCT - POST	1/16/25	6.3	0.220	0.89	8.13	190.4	10.71	0925
343 LCR - PRE	1/16/25	9.7	0.243	2.41	7.86	152.4	10.44	1.300
343 LCR - POST	1/16/25	6.7	0.241	0.17	7.97	141.1	16.10	1310
410 LCR - PRE	1/16/25	17.8	0.247	2.44	7.86	178.8	5.87	1155
410 LCR - POST	1/16/25	19.2	0.245	1.02	7.70	168.6	10.81	1205
448 LCR - PRE	1/16/25	15.1	0.236	3.21	7.84	197.8	12.56	1225
448 LCR - POST	1/16/25	9.6	0.231	0.80	7.82	186.6	17.18	1235
546 LCR-A - PRE	1/16/25	16.8	0.235	3.29	7.92	145.7	5.19	1100
546 LCR-A - POST	1/16/25	16.7	0.230	4.89	7.83	161.8	2.61	1110
546 LCR-B - PRE	1/16/25	18.0	0.088	2.42	5.92	204.6	7.12	1120
546 LCR-B - POST	1/16/25	8.0	0.1617	1.23	7.27	188.6	14.21	1130
684 LCR - PRE	1/16/25	8.3	0.231	5.48	7.96	120.4	16.46	1030
684 LCR - POST	1/16/25	13.0	0.226	1.01	8.11	104.1	10.40	1040
689 LCR - PRE	1/16/25	17.4	0.236	4.72	7.95	126.8	21.90	1005
689 LCR - POST	1/16/25	14.1	0.232	5.61	8.00	110.0	4.81	1015
698 LCR - PRE								out of service
698 LCR - POST								out of service
715 LCR - PRE								out of service
715 LCR - POST								out of service
743 LCR - PRE	1-16-25	10.1	0.224	3.68	7.94	180.6	4.13	0940
743 LCR - POST	1-16-25	5.8	0.222	0.90	8.17	170.7	23.32	0950

Notes:

°C - degrees Celsius
 DO - Dissolved Oxygen
 mg/L - milligrams per liter
 mS/cm - milliSiemens per centimeter
 NR - Not Recorded
 * - Duplicate

mV - millivolts
 NTU - Nephelometric Turbidity Unit
 ORP - Oxidation Reduction Potential
 s.u. - standard units
 ** - Matrix Spike/Matrix Spike Duplicate

LAB USE ONLY- Affix Workorder/Login Label Here

9800 Kincey Ave. Suite 100, Huntersville, NC 28078

[illegible]

PROJECT NUMBER: 60730348 .2b DATE: 12-12-24 REPORT NUMBER: 1071
 PROJECT & LOCATION: RTX Delavan
 CLIENT: _____ AECOM FIELD REPRESENTATIVE: Randy Moya
 SUBCONTRACTOR: _____

SUBCONTRACTOR PERSONNEL ON SITE: _____

BRIEF SUMMARY OF WORK PERFORMED: change out carbon canisters at each residence that has a system running. (USED 8 Canisters of carbon)

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
0530		leave Greenville SC AECOM office for Bambergy SC
	0830	arrive at the Ernie Carroll residence, Ernie said he would leave gate open for us to access system
	0915	Quality Life Solutions on site to change out carbon canisters
	0920	at 684 Lemon Creek Road to change out carbon canisters remove carbon # 1, and take carbon # 2 to # one location and put new carbon in the # 2 spot. at each location install canister and run water through the new canister to get air out, test each one.
	0950	at 13 Lauren Court to replace carbon as stated above
	1020	at 743 Lemon Creek Rd " " "
	1050	at 715 Lemon Creek Rd - No power at this location and will not be in the future - trying to sell the mobile home - No carbon change out - need to have power & water on to change out.
	1100	at 684 Lemon Creek Road, replaced carbon as stated above
	1135	at 5461 Lemon Creek Road " " " "
	1200	at 54613 Lemon Creek Road " " " "
	1230	Quality Life to lunch, Randy to weed eat around wells at Delavan.
	1330	at 410 Lemon Creek Road replaced carbon as stated above
	1400	at 448 Lemon Creek Road " " " "
	1430	at 543 Lemon Creek Road did not change out carbon due to not being used for 3-4 years

FIELD REPRESENTATIVE SIGNATURE: _____

1430 off site
1830 Back at AECOM office (3 traffic backups)
 DATE: 12/12/24

PROJECT NUMBER: 60730348.26 DATE: 1-16-2025 REPORT NUMBER: _____

PROJECT & LOCATION: RTX Delavan Residential

CLIENT: _____ AECOM FIELD REPRESENTATIVE: Randy Monja

SUBCONTRACTOR: _____

SUBCONTRACTOR PERSONNEL ON SITE: _____

BRIEF SUMMARY OF WORK PERFORMED: Sampling of Pre & Post Carbon systems at the residential homes

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
0530		leave AECOM office to pick up equipment
0550		leave for RTX Delavan Residential sites Bamberg SC
	0830	arrive at Piggly Wiggly to purchase ice for sample cooler
0830		calibrate YSI Pro Plus water quality meter S/N 17L103732
0915		at Mary Hookers 13 LCT - Pre collect sample add HCL to bottles
	0925	" " 13 LCT - Post collect sample add HCL to bottles
0940		at Raymond Taylor 743 LCR - Pre " " "
	0950	" " 743 LCR - Post " " "
1005		at Mikey Oglesby 689 LCR - Pre " " "
	1015	" " 689 LCR - Post " " "
1030		at Ernie Coralls 684 LCR - Pre " " "
	1040	" " 684 LCR - Post " " "
1100		at Donald Kirby's 546 LCR-A - Pre " " "
	1110	" " 546 LCR-A - Post " " "
1120		" " 546 LCR-B - Pre " " "
	1130	" " 546 LCR-B - Post " " "
1155		at David Coolers 410 LCR - Pre " " "
	1205	at David Coolers 410 LCR - Post " " "
		the bldg is still apart due to Mr David Cooler parking in his well this is affecting the tubing as the sun has made it brittle. the tubing broke several times and had to repair before sampling, will continue to break needs fresh tubing through out to keep it from leaking. I was able to use existing tubing to repair this event.

FIELD REPRESENTATIVES SIGNATURE

Randy Monja

DATE

1-16-2025

RTX Delavan Residential

PROJECT NUMBER: 60730348. 2b DATE: 1-16-2025 REPORT NUMBER: 2 of 2

residential pre & Post Carbon system ^{Page =} sampling

FIELD REPRESENTATIVES SIGNATURE _____

DATE _____

1-16-2025

Attachment 2
Laboratory Analytical Report



February 20, 2025

Conan Fitzgerald
AECOM
5438 Wade Park Blvd
Suite 200
Raleigh, NC 27607

RE: Project: RTX Delevan-Revised Report
Pace Project No.: 92774790

Dear Conan Fitzgerald:

Enclosed are the analytical results for sample(s) received by the laboratory on January 17, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

Revision 1: Issued 2/11/25 to update the reported compound list, per client request.

Revision 2: Issued 2/13/25 to report results to the MDL, per client request.

Revision 3: Issued 2/20/25 to update a sample ID, per client request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo
nicole.doleo@pacelabs.com
(704) 875-9092
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

California Certification# 3096

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #:ADE-3199

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

Nevada Certification: FL NELAC Reciprocity

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Utah FL NELAC Reciprocity

Utah

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92774790001	13 LCT-PRE	Drinking Water	01/16/25 09:15	01/17/25 13:30
92774790002	13 LCT-POST	Drinking Water	01/16/25 09:25	01/17/25 13:30
92774790003	743 LCR-PRE	Drinking Water	01/16/25 09:40	01/17/25 13:30
92774790004	743 LCR-POST	Drinking Water	01/16/25 09:50	01/17/25 13:30
92774790005	689 LCR-PRE	Drinking Water	01/16/25 10:05	01/17/25 13:30
92774790006	689 LCR-POST	Drinking Water	01/16/25 10:15	01/17/25 13:30
92774790007	684 LCR-PRE	Drinking Water	01/16/25 10:30	01/17/25 13:30
92774790008	684 LCR-POST	Drinking Water	01/16/25 10:40	01/17/25 13:30
92774790009	546 LCR-A-PRE	Drinking Water	01/16/25 11:00	01/17/25 13:30
92774790010	546 LCR-A-POST	Drinking Water	01/16/25 11:10	01/17/25 13:30
92774790011	546 LCR-B-PRE	Drinking Water	01/16/25 11:20	01/17/25 13:30
92774790012	546 LCR-B-POST	Drinking Water	01/16/25 11:30	01/17/25 13:30
92774790013	410 LCR-PRE	Drinking Water	01/16/25 11:55	01/17/25 13:30
92774790014	410 LCR-POST	Drinking Water	01/16/25 12:05	01/17/25 13:30
92774790015	448 LCR-PRE	Drinking Water	01/16/25 12:25	01/17/25 13:30
92774790016	448 LCR-POST	Drinking Water	01/16/25 12:35	01/17/25 13:30
92774790017	343 LCR-PRE	Drinking Water	01/16/25 13:00	01/17/25 13:30
92774790018	343 LCR-POST	Drinking Water	01/16/25 13:10	01/17/25 13:30

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SAMPLE ANALYTE COUNT

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92774790001	13 LCT-PRE	EPA 524.2	AS4	7	PASI-O
92774790002	13 LCT-POST	EPA 524.2	AS4	7	PASI-O
92774790003	743 LCR-PRE	EPA 524.2	AS4	7	PASI-O
92774790004	743 LCR-POST	EPA 524.2	AS4	7	PASI-O
92774790005	689 LCR-PRE	EPA 524.2	AS4	7	PASI-O
92774790006	689 LCR-POST	EPA 524.2	AS4	7	PASI-O
92774790007	684 LCR-PRE	EPA 524.2	AS4	7	PASI-O
92774790008	684 LCR-POST	EPA 524.2	AS4	7	PASI-O
92774790009	546 LCR-A-PRE	EPA 524.2	AS4	7	PASI-O
92774790010	546 LCR-A-POST	EPA 524.2	AS4	7	PASI-O
92774790011	546 LCR-B-PRE	EPA 524.2	AS4	7	PASI-O
92774790012	546 LCR-B-POST	EPA 524.2	AS4	7	PASI-O
92774790013	410 LCR-PRE	EPA 524.2	AS4	7	PASI-O
92774790014	410 LCR-POST	EPA 524.2	AS4	7	PASI-O
92774790015	448 LCR-PRE	EPA 524.2	AS4	7	PASI-O
92774790016	448 LCR-POST	EPA 524.2	AS4	7	PASI-O
92774790017	343 LCR-PRE	EPA 524.2	AS4	7	PASI-O
92774790018	343 LCR-POST	EPA 524.2	AS4	7	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 13 LCT-PRE Lab ID: 92774790001 Collected: 01/16/25 09:15 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 14:51	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 14:51	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 14:51	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 14:51	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/20/25 14:51	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/20/25 14:51	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/20/25 14:51	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 13 LCT-POST Lab ID: 92774790002 Collected: 01/16/25 09:25 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 15:15	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 15:15	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 15:15	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 15:15	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/20/25 15:15	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		01/20/25 15:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/20/25 15:15	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 743 LCR-PRE Lab ID: 92774790003 Collected: 01/16/25 09:40 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 15:39	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 15:39	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 15:39	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 15:39	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 15:39	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		01/20/25 15:39	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/20/25 15:39	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 743 LCR-POST Lab ID: 92774790004 Collected: 01/16/25 09:50 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 16:03	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 16:03	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 16:03	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 16:03	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 16:03	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		01/20/25 16:03	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/20/25 16:03	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 689 LCR-PRE Lab ID: 92774790005 Collected: 01/16/25 10:05 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 16:27	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 16:27	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 16:27	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 16:27	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/20/25 16:27	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/20/25 16:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/20/25 16:27	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 689 LCR-POST Lab ID: 92774790006 Collected: 01/16/25 10:15 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 16:51	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 16:51	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 16:51	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 16:51	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 16:51	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		01/20/25 16:51	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/20/25 16:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 684 LCR-PRE Lab ID: 92774790007 Collected: 01/16/25 10:30 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 17:15	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 17:15	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 17:15	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 17:15	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/20/25 17:15	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		01/20/25 17:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 17:15	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 684 LCR-POST Lab ID: 92774790008 Collected: 01/16/25 10:40 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 17:39	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 17:39	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 17:39	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 17:39	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 17:39	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/20/25 17:39	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/20/25 17:39	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 546 LCR-A-PRE Lab ID: 92774790009 Collected: 01/16/25 11:00 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 18:04	156-59-2	
Tetrachloroethene	0.00043	mg/L	0.00041	0.00041	1		01/20/25 18:04	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 18:04	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 18:04	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 18:04	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		01/20/25 18:04	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 18:04	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 546 LCR-A-POST Lab ID: 92774790010 Collected: 01/16/25 11:10 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 18:28	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 18:28	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 18:28	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 18:28	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/20/25 18:28	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		01/20/25 18:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 18:28	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 546 LCR-B-PRE Lab ID: 92774790011 Collected: 01/16/25 11:20 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 18:52	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 18:52	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 18:52	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 18:52	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/20/25 18:52	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		01/20/25 18:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 18:52	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 546 LCR-B-POST Lab ID: 92774790012 Collected: 01/16/25 11:30 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 19:16	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 19:16	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 19:16	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 19:16	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 19:16	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/20/25 19:16	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/20/25 19:16	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 410 LCR-PRE Lab ID: 92774790013 Collected: 01/16/25 11:55 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 19:40	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 19:40	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 19:40	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 19:40	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/20/25 19:40	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		01/20/25 19:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 19:40	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 410 LCR-POST Lab ID: 92774790014 Collected: 01/16/25 12:05 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 20:04	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 20:04	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 20:04	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 20:04	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/20/25 20:04	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		01/20/25 20:04	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/20/25 20:04	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 448 LCR-PRE Lab ID: 92774790015 Collected: 01/16/25 12:25 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 20:28	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 20:28	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 20:28	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 20:28	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/20/25 20:28	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		01/20/25 20:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 20:28	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 448 LCR-POST Lab ID: 92774790016 Collected: 01/16/25 12:35 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 20:52	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 20:52	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 20:52	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 20:52	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/20/25 20:52	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/20/25 20:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/20/25 20:52	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 343 LCR-PRE Lab ID: 92774790017 Collected: 01/16/25 13:00 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 21:17	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 21:17	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 21:17	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 21:17	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 21:17	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		01/20/25 21:17	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 21:17	2199-69-1	

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ANALYTICAL RESULTS

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Sample: 343 LCR-POST Lab ID: 92774790018 Collected: 01/16/25 13:10 Received: 01/17/25 13:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Ormond Beach									
cis-1,2-Dichloroethene	ND	mg/L	0.00033	0.00033	1		01/20/25 21:41	156-59-2	
Tetrachloroethene	ND	mg/L	0.00041	0.00041	1		01/20/25 21:41	127-18-4	
Trichloroethene	ND	mg/L	0.00026	0.00026	1		01/20/25 21:41	79-01-6	
Vinyl chloride	ND	mg/L	0.00041	0.00041	1		01/20/25 21:41	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/20/25 21:41	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		01/20/25 21:41	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/20/25 21:41	2199-69-1	

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QUALITY CONTROL DATA

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

QC Batch:	1070666	Analysis Method:	EPA 524.2
QC Batch Method:	EPA 524.2	Analysis Description:	524.2 MSV
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	92774790001, 92774790002, 92774790003, 92774790004, 92774790005, 92774790006, 92774790007, 92774790008, 92774790009, 92774790010, 92774790011, 92774790012, 92774790013, 92774790014, 92774790015, 92774790016, 92774790017, 92774790018		

METHOD BLANK: 5880580

Matrix: Water

Associated Lab Samples: 92774790001, 92774790002, 92774790003, 92774790004, 92774790005, 92774790006, 92774790007, 92774790008, 92774790009, 92774790010, 92774790011, 92774790012, 92774790013, 92774790014, 92774790015, 92774790016, 92774790017, 92774790018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/L	ND	0.00033	0.00033	01/20/25 13:35	
Tetrachloroethene	mg/L	ND	0.00041	0.00041	01/20/25 13:35	
Trichloroethene	mg/L	ND	0.00026	0.00026	01/20/25 13:35	
Vinyl chloride	mg/L	ND	0.00041	0.00041	01/20/25 13:35	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130		01/20/25 13:35	
4-Bromofluorobenzene (S)	%	99	70-130		01/20/25 13:35	
Toluene-d8 (S)	%	98	70-130		01/20/25 13:35	

LABORATORY CONTROL SAMPLE & LCSD: 5880581

5880582

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	mg/L	0.01	0.011	0.012	112	116	70-130	3	20	
Tetrachloroethene	mg/L	0.01	0.010	0.010	104	102	70-130	2	20	
Trichloroethene	mg/L	0.01	0.011	0.010	105	104	70-130	2	20	
Vinyl chloride	mg/L	0.01	0.0086	0.0096	86	96	70-130	11	20	
1,2-Dichlorobenzene-d4 (S)	%				100	100	70-130			
4-Bromofluorobenzene (S)	%				104	100	70-130			
Toluene-d8 (S)	%				98	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: RTX Delevan-Revised Report
Pace Project No.: 92774790

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RTX Delevan-Revised Report

Pace Project No.: 92774790

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92774790001	13 LCT-PRE	EPA 524.2	1070666		
92774790002	13 LCT-POST	EPA 524.2	1070666		
92774790003	743 LCR-PRE	EPA 524.2	1070666		
92774790004	743 LCR-POST	EPA 524.2	1070666		
92774790005	689 LCR-PRE	EPA 524.2	1070666		
92774790006	689 LCR-POST	EPA 524.2	1070666		
92774790007	684 LCR-PRE	EPA 524.2	1070666		
92774790008	684 LCR-POST	EPA 524.2	1070666		
92774790009	546 LCR-A-PRE	EPA 524.2	1070666		
92774790010	546 LCR-A-POST	EPA 524.2	1070666		
92774790011	546 LCR-B-PRE	EPA 524.2	1070666		
92774790012	546 LCR-B-POST	EPA 524.2	1070666		
92774790013	410 LCR-PRE	EPA 524.2	1070666		
92774790014	410 LCR-POST	EPA 524.2	1070666		
92774790015	448 LCR-PRE	EPA 524.2	1070666		
92774790016	448 LCR-POST	EPA 524.2	1070666		
92774790017	343 LCR-PRE	EPA 524.2	1070666		
92774790018	343 LCR-POST	EPA 524.2	1070666		

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without the written consent of Pace Analytical Services, LLC.



DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☒ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

AECOM

Project #:

WO#: 92774790



Courier:

☐ Commercial☐ Fed Ex☒ Pace☐ UPS☐ USPS☐ Other:☐ Client

Custody Seal Present?

☒ Yes☐ No

Seals Intact?

☒ Yes☐ No☐ N/A

Date/Initials Person Examining Contents:

LJ/17/25

Packing Material:

☒ Bubble Wrap☒ Bubble Bags☐ None☐ Other

Biological Tissue Frozen?

☐ Yes☐ No☒ N/A

Thermometer:

☒ IR Gun ID:

937090

Type of Ice:

☒ Wet☐ Blue☐ None

Cooler Temp:

2.3

Correction Factor:

Add/Subtract (°C)

0.2

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

2.5

USDA Regulated Soil (☒ N/A, water sample)Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ NoDid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

Comments/Discrepancy:

Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A	
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☒ N/A	8.
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix:	h	
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.
Trip Blank Present?	☐ Yes ☒ No ☐ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes ☐ No ☒ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted:

Date/Time:

Project Manager SCURF Review:

Date:

Project Manager SRF Review:

Date:



DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

WO#: 92774790

PM: NMG

Due Date: 01/28/25

CLIENT: 92-AECOM-RAL

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client _____ Profile/EZ (Circle one) _____ Notes _____

Item#	CC	1	2	3	4	5	6	7	8	9	10	11	12	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFW-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)	DG7C	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

WO#: 92774790

PM: NMG

Due Date: 01/28/25

CLIENT: 92-AECOM-RAL

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client _____ Profile/EZ (Circle one) _____ Notes _____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)	DG9C	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
CC																														
1																									3					
2																									3					
3																									3					
4																									3					
5																									3					
6																									3					
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

[illegible]

Page® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kinney Ave., Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY - Affix Workorder/Login Label Here

Company Name: AECOM, Raleigh
Street Address: 5438 Wade Park Blvd
Suite 200
Raleigh, NC 27607

Contact/Report To: Conan Fitzgerald
Phone #: (919)461-1260
E-Mail: conan.fitzgerald@aecom.com
Cc E-Mail:

Customer Project #: RTX Delevan
Project Name: RTX Delevan

Site Collection Info/Facility ID (as applicable):

Invoice To: coupa.invoices@paceclabs.com
Invoice E-Mail: coupa.invoices@paceclabs.com
Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [] AK [] PT [] MT [] CT [] ET [] Other

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No

[] Level II [] Level III [] Level IV
[] EGIS

Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
Date Results: Field Filtered (if applicable): [] Yes [] No
Analysis:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start	Time	Collected or Composite End	Date	Time	# Cont.	Res. Chlorine	Units
546 LCR-B-PRE	DW	G				1/16/25	1120	3		
546 LCR-B-PRE	DW	G				1/16/25	1130	3		
410 LCR-PRE	DW	G				1/16/25	1155	3		
410 LCR-PRE	DW	G				1/16/25	1205	3		
448 LCR-PRE	DW	G				1/16/25	1235	3		
448 LCR-PRE	DW	G				1/16/25	1300	3		
343 LCR-PRE	DW	G				1/16/25	1310	3		

Additional Instructions from Pace®:

Collected By: Randy Fitzgerald
(Printed Name)
Signature: Randy Fitzgerald

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: 937090, Correction Factor (°C): -0.2, Obs. Temp. (°C): 2.3, Corrected Temp. (°C): 2.5, On Ice: X

Relinquished by/Company (Signature): AECOM
Date/Time: 1/16/25 1110
Received by/Company (Signature): Randy Fitzgerald
Date/Time: 1/16/25 1110
Relinquished by/Company (Signature): Pace
Date/Time: 1/16/25 1110
Received by/Company (Signature): Randy Fitzgerald
Date/Time: 1/16/25 1110
Relinquished by/Company (Signature): Pace
Date/Time: 1/16/25 1110
Received by/Company (Signature): Randy Fitzgerald
Date/Time: 1/16/25 1110

Tracking Number: 2-3
Delivered by: [] In-Person [X] Courier
[] FedEx [] UPS [] Other

Scan QR Code for Instructions

Specify Container Size **
125mL (5) 100mL (6) 40mL vial (7) Encore (8)
Terracore (9) 90mL (10) Other

Identify Container Preservative Type**
4/19
Analysis Requested

** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Prep. Mgr: Nicole D'Oleo
Acct/Num / Client ID:
Table #:
Profile / Template: 15221
Prep / Bottle Ord. ID: EZ 3210068
Sample Comment: 9.274740 0.11
Preservation non-conformance identified for sample.

Attachment 3
Data Assessment Report

DATA ASSESSMENT REPORT

Data assessment is a systematic process for reviewing a body of data against a predefined set of criteria to provide assurance that the data meet project Data Quality Objective (DQO) requirements. The purpose of the data assessment process is to determine if and how the usability of the analytical data is affected by the overall analytical processes and sample collection and handling procedures. If specific DQOs are not met, the data are qualified (i.e., data flags are assigned to sample results) in accordance with guidelines established by the United States Environmental Protection Agency (USEPA). Data assessment allows the data user to adequately determine if the data can be used for its intended purpose. The data acceptance criteria are established according to Standard Operating Procedures (SOPs) and Statements of Work (SOWs) provided to the contracted analytical laboratory. The assessment of data quality and usability involves five components, as described below.

- 1) **Field Sampling Check** is a process to ensure that all samples were collected, and the laboratory analyses were performed as stipulated in the applicable site-specific Work Plan or Field Sampling Plan (FSP). Inspection of sample preservation procedures, sample handling, analysis requested, sample description and identification (ID), cooler receipt forms, holding time evaluation, and Chain of Custody procedures are all evaluated to ensure that the evidentiary nature of the samples and the resulting analytical data have not been compromised.
- 2) **Data Verification** is a process for determining the completeness, correctness, consistency, and compliance of a data package in accordance with requirements contained in the applicable SOW and/or contract-specific requirements. This is a review of the data package, electronic data deliverable (EDD), and invoice received from the contract laboratory to ensure that the contract required information is present and complete prior to data validation.
- 3) **Data Review** is a process of reviewing the primary quality control (QC) data provided by the laboratory and the results of any internal quality assurance (QA)/QC samples, such as field blanks, trip blanks, equipment blanks or ambient blanks, field split samples, and duplicate samples, to ascertain any effect the laboratory's procedures or the sample collection process has on the data.
- 4) **Data Evaluation** is a process to determine if the data meet project-specific DQOs and contract requirements. This evaluation may involve a review of field sampling and sample management procedures, laboratory audits, Performance Evaluation (PE) sample results, and any other data quality indicators that are available.
- 5) **Data Validation** is a process to determine the accuracy and precision of analytical data generated and to identify any anomalies encountered. The validation process is performed in accordance with USEPA regional or national functional guidelines, project-specific guidelines, and

compliance with the requirements of each analytical method. Two major components of data validation are laboratory performance and matrix interferences. Evaluation of laboratory performance is a check for compliance for each analytical method to determine if the samples were analyzed within the prescribed acceptance criteria of the method. Evaluation of matrix interferences involves the analysis of surrogate spike recoveries, matrix spike recoveries, and duplicate sample results. Data not meeting project-specific DQOs or the requirements of the analytical method are qualified with data flags according to referenced guidelines.

Data Assessment Procedures

AECOM performed independent QC checks of field and laboratory procedures that were used in collecting and analyzing the data. The QC checks verify that the data collected are of appropriate quality for the intended data use and that the DQOs were met. The steps and guidelines followed during the data validation process were modeled on the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, November 2020). In addition, method-specific criteria set forth in the compendium of analytical methods found in the *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V* (USEPA, July 2014) are also evaluated during the validation process. This validation process has been adapted to meet the DQO requirements for generation of definitive critical data.

Data Validation Results

The analytical data associated with analytical data package 92774790 were collected on January 16, 2025 for RTX - Delavan Spray Technologies located in Bamberg, South Carolina. The analytical data were validated according to the procedures outlined above. Where data flags have been applied to this data set, they are separated by a slash “/” and presented in the following format:

Laboratory Flag / Result Flags / Analysis Flags

- **Laboratory Flag:** This flag precedes the first slash and is added by the laboratory as a result of QC excursions from the analytical method. These flags are laboratory-specific and are described in the associated laboratory report.
- **Result Flags:** These are presented after the first slash and are added by AECOM based on data validation procedures and guidelines. They tell how and if the data should be used.
- **Analysis Flags:** These flags are presented after the second slash and are added by AECOM to inform the data user of any specific QA/QC problems that were encountered.

Any data requiring qualification as a result of the validation process were assigned data flags, as discussed below. The validation flags indicate how any QC excursions may have impacted the usability of the data.

Volatile Organic Compounds by Method 8260D

Results of the validation process indicate that the data analyzed for this method are acceptable for their intended use and no data flags are required.

Data Summary and Usability

No excursions were encountered during the validation of this data set. Therefore, the data associated with this laboratory batch should be considered compliant and adequate for its intended use.

References

United States Environmental Protection Agency (USEPA), July 2014. *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V.*

United States Environmental Protection Agency (USEPA), November 2020. *USEPA National Functional Guidelines for Organic Superfund Methods Data Review.* Publication #EPA-540-R-20-005.

Appendix B

Field Documentation

Equipment Calibration Logs
Water Level Data Summary
Field Screening Results
Chain-of-Custody Forms
Daily Logbook Entries

Project Name
Project Number
Calibrated By
Signature

RTX Delavan
Randy Morgan
Randy Morgan

YSI 556 SN
Turbidity Meter Model/SN
Additional Equipment SN
Date

PicPlus SIN 1811105489
MicroTPW 20000 SIN 200711199
N/A
10-29-24

Operation Notes:

- 1) Turn meter on in Run mode and allow to warm up 10 to 15 minutes prior to calibration.
- 2) Observe DO % for 2-3 minutes when meter is initially turned on. The unit should display decreasing values until it's stabilized near 100%.
- 3) If the meter does not stabilize at/near 100% indicates the DO sensor requires maintenance.

These values should be keyed in when calibrating a water quality meter. Be sure to use the temperature of the standards, not ambient temperature and be sure the temperature sensor is submerged in the solution.

Temp. C	pH 4	pH 7	pH 10	Conductivity	ORP
5	4.00	7.07	10.19	896.00	257.00
10	4.00	7.06	10.16	1020.00	250.50
15	4.00	7.04	10.10	1147.00	244.00
20	4.00	7.02	10.05	1276.00	237.50
25	4.00	7.01	10.01	1413.00	231.00
30	4.00	6.99	9.96	1548.00	224.50

mm Hg = millimeters of mercury. Note that the YSI 556 uses this information ONLY when the DO calibration is being done. After calibration is complete it no longer corrects for pressure change. Verify the meter is correct for your altitude when calibrating.

Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)
0	760	1125	730	2290	699
278	752	1413	722	2587	692
558	745	1703	714	2887	684
844	737	1995	707	3190	676

Temp C	DO	Temp C	DO	Temp C	DO	Temp C	DO	Temp C	DO
15	10.084	20	9.092	25	8.263	30	7.559	35	6.950
16	9.870	21	8.915	26	8.113	31	7.430	36	6.837
17	9.665	22	8.743	27	7.968	32	7.305	37	6.727
18	9.467	23	8.578	28	7.827	33	7.183	38	6.620
19	9.276	24	8.418	29	7.691	34	7.065	39	6.515

Parameter	Before Calibration	After Calibration	Time	Units
Barometric Pressure	<i>765.8</i>	<i>[REDACTED]</i>	<i>0745</i>	mmHg
Temperature (Saturated Air)	<i>18.0</i>	<i>18.1</i>	<i>0745</i>	C
Temperature (Calibration Solution)	<i>17.1</i>	<i>17.5</i>	<i>1805</i>	C
DO	<i>11.23</i>	<i>9.52</i>	<i>0745</i>	mg
pH 7	<i>6.97</i>	<i>7.02</i>	<i>0753</i>	su
pH 4	<i>3.75</i>	<i>4.00</i>	<i>0757</i>	su
pH 10	<i>9.93</i>	<i>10.04</i>	<i>0801</i>	su
Specific Conductance	<i>1.41</i>	<i>1.28</i>	<i>0749</i>	mS/cm
ORP	<i>248.4</i>	<i>237.5</i>	<i>0805</i>	mV

Calibrations performed 0.02, 1.0, and 1.000 NTC	Calibrations accepted <i>Yes</i>	Yes
		circle one

Water Quality Calibration Certificate

AECOM

Cal Standard

Temp, LAB, C : 23.1 Temp, FIELD, C :

Conductivity

1413 UMHO/CM
@ 25°C

Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD
8306234	6/25	<u>1.41</u>	

Acceptable Range
(+/- .5%)

PH 4.00

@ 25°C

Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD
6310004	1/26	<u>3.98</u>	

Acceptable Range
(+/- 0.2 units)

PH 7.01

@ 25°C

Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD
8401525	1/26	<u>7.05</u>	

Acceptable Range
(+/- 0.2 units)

PH 10.01

@ 25°C

Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD
6312010	12/25	<u>10.01</u>	

Acceptable Range
(+/- 0.2 units)

ORP
ZOBELLS
231.0 MV @ 25°C

Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD
8403294	1/25	<u>237.5</u>	

Acceptable Range
(+/- 20 MV)

Dissolved Oxygen
(Saturated Air)

Post-Cal, LAB

Temp, C

% Saturation

mg/L

23.4

97.4

8.29

Acceptable Range

Post-Cal, FIELD

Temp, C

% Saturation

mg/L

(+/- 2%) / (+/- 2%)

New DO Membrane

☐ Yes ☒ No

Do Cap Color

☐ Black ☐ Blue ☒ Yellow

Model

YSI - PRO PLUS

S/N

5489

Cable

N/A

Calibration referenced to the temperature of the calibration standards.

Turbidity

.02 NTU

10 NTU

1000 NTU

Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD
<u>230172</u>	<u>JAN-25</u>	<u>0.02</u>	
<u>230129</u>	<u>1</u>	<u>9.93</u>	
<u>230156</u>	<u>1</u>	<u>998.6</u>	

Acceptable Range

(.0196 to .0204)

(9.8 to 10.2)

(970 to 1031)

Model

Micro TPW

S/N

200711199

Calibrated By

Eric Olson

Date of Calibration

10-25-24

Project Name

RTX

Project number

60707644

Signed :

Eric Olson

WATER LEVEL DATA SUMMARY

PROJECT: Delavan Spray Technologies Site JOB NUMBER: 60730347

LOCATION: Bamberg, South Carolina DATE: 10/28/21

CLIENT: Raytheon Technologies Corp MEASURED BY: J. Butler / R. Morgan

SURVEY DATUM: _____ MEASURING DEVICE: Electronic Water Level Indicator

MEASUREMENT POINT IDENTIFICATION	TOC ELEVATION (FT MSL)	DEPTH TO BOTTOM OF WELL (FT BTOC)	POINT OF MEASURE	DEPTH TO WATER (FT BTOC)	COMMENTS
MW-1				11.47	
MW-2				10.86	
MW-3				13.58	
MW-3D				14.02	
MW-3D1				13.82	
MW-4				7.96	
MW-5				8.75	
MW-6				6.12	
MW-7				13.56	
MW-8				9.78	
MW-9				6.82	
MW-9D				9.55	
MW-10				5.75	
MW-10D				7.37	
MW-11				7.72	
MW-12D				13.58	
MW-13D				12.32	
MW-14				11.66	
MW-14D				12.97	
MW-15				4.15	
MW-15D				2.12	
MW-15D1				2.74	
MW-16				4.63	
MW-16D				4.99	
MW-17				4.38	
MW-18				10.23	

Notes:

BTOC - Below Top of Casing

MSL - Mean Sea Level

TOC - Top of Casing

LLMH - Lower Lip of Man Hole

WATER LEVEL DATA SUMMARY

PROJECT: Delavan Spray Technologies Site JOB NUMBER: 60730348

LOCATION: Bamberg, South Carolina DATE: 10/28/24

CLIENT: Raytheon Technologies Corp MEASURED BY: J. Butler / R. Morgan

SURVEY DATUM: _____ MEASURING DEVICE: Electronic Water Level Indicator

MEASUREMENT POINT IDENTIFICATION	TOC ELEVATION (FT MSL)	DEPTH TO BOTTOM OF WELL (FT BTOC)	POINT OF MEASURE	DEPTH TO WATER (FT BTOC)	COMMENTS
MW-19				11.89	
MW-20				11.53	
MW-21				12.90	
MW-21D				12.82	
MW-22D				12.20	
MW-23D				14.08	
MW-24				13.55	
MW-25D				5.59	
MW-26D				10.18	
MW-27				8.38	
MW-28				12.08	
MW-29				6.64	
MW-30D				4.80	
MW-31D				8.80	
MW-32DR				6.78	
MW-33D				12.72	
MW-34D				13.70	
MW-35D				11.81	
MW-36D				2.45	
MW-37				11.54	

Notes:

BTOC - Below Top of Casing

MSL - Mean Sea Level

TOC - Top of Casing

LLMH - Lower Lip of Man Hole

Field Screening Results
Delavan Groundwater Contamination Site
Bamberg, South Carolina

Field Screening Result								
Sample ID	Date Collected	Temperature (°C)	Conductivity (mS/cm)	DO (mg/L)	pH (s.u.)	ORP (mV)	Turbidity (NTU)	Comments
Off-Site Background Areas								
MW-17	10/29/24 09:35	17.4	0.105	2.70	4.19	203.4	117.4	
MW-18	10/29/24 09:35	18.9	0.067	1.83	5.44	75.3	87.40	
On-Site Background Areas								
MW-4	10/19/24 09:40	19.5	0.129	0.74	5.15	127.6	196.9	
Wooded Areas of Interest								
MW-9**	10/29/24 09:15	18.2	0.061	1.57	5.86	50.1	552.7	
MW-9D	10/29/24 09:05	18.2	0.239	0.83	7.08	-66.8	273.4	
MW-10	10/29/24 09:45	18.5	0.109	0.87	5.91	119	95.72	
MW-10D	10/29/24 09:35	17.5	0.250	2.67	6.99	-29.2	295.8	
MW-11	10/29/24 09:30	18.2	0.199	0.68	6.52	-34.2	153.9	
Manufacturing Areas								
MW-1*	10/29/24 13:05	23.7	0.034	3.54	5.41	145.9	152.9	
MW-2	10/29/24 13:05	22.7	0.038	0.96	7.11	-73.1	508.9	
MW-3	10/29/24 13:00	23.6	0.032	3.10	6.04	105.6	447.2	
MW-3D	10/29/24 13:05	21.1	0.246	2.18	6.34	73.2	64.47	
MW-3D1	10/29/24 13:00	20.6	0.230	0.59	7.41	15.5	30.51	
MW-5	10/29/24 14:00	23.0	0.025	3.82	5.29	114.1	167.0	
MW-6	10/29/24 13:55	23.1	0.067	0.64	5.57	41.7	106.4	
MW-7	10/29/24 13:50	22.6	0.038	4.51	7.81	2.9	566.5	
MW-8	10/29/24 13:50	25.9	0.199	1.17	5.88	80.3	71.34	
MW-12D	10/29/24 10:00	18.1	0.357	3.84	10.92	-73.2	9.59	
MW-13D	10/29/24 09:30	18.8	0.71	0.99	10.98	-196.3	379.0	
MW-19	10/29/24 14:05	23.0	0.012	3.82	5.55	194.6	710	
MW-20	10/29/24 17:00	—	—	—	—	—	—	
MW-21	10/29/24 13:40	21.5	0.024	0.88	5.87	21.2	28.46	
MW-21D	10/29/24 13:30	20.6	0.238	1.10	7.83	-25.9	132.8	
MW-24* P2	10/29/24 14:10	21.8	0.026	3.65	4.82	210.8	108.7	
Downgradient Off-Site Areas								
MW-14	10/29/24 12:50	20.9	0.066	4.17	7.04	120.0	258.2	
MW-14D* P2	10/29/24 12:40	19.7	0.190	0.88	7.47	-1.7	59.24	
MW-15	10/29/24 11:10	19.4	0.57	3.50	5.04	144.5	94.37	
MW-15D	10/29/24 11:20	18.2	0.494	2.33	6.79	34.6	232.4	
MW-15D1	10/29/24 11:20	18.3	0.248	1.48	7.48	22.0	106.8	
MW-16	10/29/24 10:30	19.9	0.045	0.59	5.00	141.5	256.4	
MW-16D	10/29/24 10:25	19.2	0.284	2.98	6.86	59.0	75.98	
MW-22D* P2	10/29/24 11:00	20.0	0.278	2.45	7.84	55.1	98.99	
MW-23D	10/29/24 13:50	20.0	0.322	1.74	7.11	-30.1	49.14	
MW-25D	10/29/24 11:50	19.8	0.290	2.14	7.53	62.4	540.7	
MW-26D	10/29/24 11:30	19.4	0.298	2.04	7.56	66.8	139.3	
MW-27	10/29/24 10:10	18.9	0.043	4.27	6.34	33.1	91.68	
MW-28	10/29/24 10:05	18.3	0.125	1.42	7.68	0.3	132.3	
MW-29	10/29/24 10:20	18.0	0.061	1.15	5.28	142.2	237.9	
MW-30D* P2	10/29/24 12:10	19.5	0.288	3.19	7.59	98.7	368.6	
MW-31D	10/29/24 12:00	19.7	0.274	2.69	7.62	90.9	368.6	
MW-32DR* P2	10/29/24 11:40	19.5	0.291	1.97	7.53	84.7	711.00	
MW-33D	10/29/24 11:50	18.8	0.282	4.33	7.55	101.5	774.5	
MW-34D	10/29/24 10:50	18.9	0.40	0.94	11.21	-27.9	20.07	
MW-35D	10/29/24 11:00	18.8	0.251	2.52	8.87	4.2	711.00	
MW-36D	11/29/24 08:25	13.2	0.318	0.55	9.16	-25.8	711.00	
MW-37	10/18/24 11:30	22.9	0.015	6.65	6.10	177.5	169.0	
Surface Water Samples								
SW-01-LC	10/29/24 15:10	17.5	0.203	4.15	7.14	176.8	3.39	
SW-02-LC	10/29/24 15:50	17.7	0.189	4.57	7.01	140.1	47.91	
SW-03-HMB	10/29/24 16:05	17.6	0.189	6.15	7.00	149.5	20.67	
SW-04-TLC	10/29/24 15:55	18.3	0.070	5.69	6.23	100.2	18.69	
SW-05-LC	10/29/24 14:50	17.2	0.207	4.60	6.69	180.8	9.08	



SGS North America Inc - Orlando

Chain of Custody

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SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes
Company Name: AECOM				Project Name: RTX Delavan				10/5 8260 TCL Unpreserved 10/5 8260 TCL Preserved												DW - Drinking Water
Address: 5428 Wade Park Blvd Suite 200				Street: 4334 Main Hwy																GW - Ground Water
City: Raleigh State: NC Zip: 27607				City: Bamberg State: SC				WW - Water												
Project Contact: Conan Fitzgerald Email: conan.fitzgerald@aecom.com				Project # 60130348.16				SW - Surface Water												
Phone #: 919-349-5486				Fax #				SO - Soil												
Sampler(s) Name(s) (Printed)				Client Purchase Order #				SL - Sludge												
Sampler 1: J. Butler Sampler 2: Randy Morgan								OI - Oil												
								LIQ - Other Liquid												
								AIR - Air												
								SOL - Other Solid												
								LAB USE ONLY												
COLLECTION				CONTAINER INFORMATION																
SGS Orlando Sample #				DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZNA	DI WATER	MEDIUM			
Field ID / Point of Collection																				
MW-15				10/29/24	1110	JB/RM	GW	3			X							X		
MW-15D					1120			3		X								X		
MW-15D1					1130			3		X								X		
MW-33D					1130			3		X								X		
MW-37					1630			3			X							X		
MW-19					1645			3			X							X		
MW-20					1700			3			X							X		
MW-36D				10/29/24	0825			3		X								X		
MW-11					0840			3			X							X		
MW-10					0845			3			X							X		
MW-10D					0855			3		X								X		
MW-9D					0905			3		X								X		
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks												
10 Day (Business)				Approved By: / Date:				☐ COMMERCIAL "A" (RESULTS ONLY)												
7 Day								☐ COMMERCIAL "B" (RESULTS PLUS QC)												
5 Day								☐ REDT1 (EPA LEVEL 3)												
3 Day RUSH								☐ FULLT1 (EPA LEVEL 4)												
2 Day RUSH								☐ EDD'S												
1 Day RUSH																				
Other																				
Rush T/A Data Available VIA Email or Lablink																				
Relinquished by Sampler/Affiliation				Date Time:				Received By/Affiliation				Date Time:				Received By/Affiliation				
1 Butler AECOM				10/29/24 1745				2				3				4				
Relinquished by/Affiliation				Date Time:				Received By/Affiliation				Date Time:				Received By/Affiliation				
5								6				7				8				

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

<http://www.sgs.com/en/terms-and-conditions>

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Service Center
Raleigh, NC

**Raleigh, NC
Service Center**



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SKIFF #

Client / Reporting Information				Project Information				Analytical Information														Matrix Codes	
Company Name: <u>AECOM</u>				Project Name: <u>RTX Delgran</u>				<u>Param 8268 TCL Impressed</u> <u>Param 8268 TCL preserved</u>														DW - Drinking Water	
Address: <u>5438 Wade Park Blvd</u>				Street: <u>4334 Main Hwy</u>																		GW - Ground Water	
City: <u>Raleigh</u> State: <u>NC</u> Zip: <u>27607</u>				City: <u>Bamberg</u> State: <u>SC</u>																		WW - Water	
Project Contact: <u>Conan Fitzgerald</u> Email: <u>conan.fitzgerald@aecom.com</u>				Project # <u>60730348.16</u>																		SW - Surface Water	
Phone #: <u>919-349-5486</u>				Fax #																		SO - Soil	
Sampler(s) Name(s) (Printed)				Client Purchase Order #																		SL - Sludge	
Sampler 1: <u>Justin Butler</u> Sampler 2: <u>Randy Morgan</u>																						OI - Oil	
SGS Orlando Sample #		Field ID / Point of Collection		DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH	LAB USE ONLY					
		MW-16D	10/29/24	1035	JR/RM	GW	3		X									X					
		MW-34D		1050			3		X									X					
		MW-35D		1100			3		X									X					
		MW-22D		1120			3		X									X					
		MW-22D-a		1120			3		X									X					
		MW-26D		1130			3		X									X					
		MW-32DR		1140			3		X									X					
		MW-32DR-a		1140			3		X									X					
		MW-25D		1150			3		X									X					
		MW-31D		1200			3		X									X					
		MW-30D		1210			3		X									X					
		MW-30D-N5	✓	1210	✓	✓	3		X									X					
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks															
10 Day (Business)				Approved By: / Date:				Raleigh, NC Service Center ☐ COMMERCIAL "A" (RESULTS ONLY) ☐ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULLT1 (EPA LEVEL 4) ☐ EDD'S															
7 Day																							
5 Day																							
3 Day RUSH																							
2 Day RUSH																							
1 Day RUSH																							
Other																							
Rush T/A Data Available VIA Email or Lablink																							
Relinquished by Sampler/Affiliation		Date Time:		Sample Custody must be documented below each time samples change possession, including courier delivery.				Relinquished By/Affiliation		Date Time:		Received By/Affiliation											
1 <u>Justin Butler AECOM</u>		10/29/24 1745		2				3		4		5											
Relinquished by/Affiliation		Date Time:		Received By/Affiliation				Relinquished By/Affiliation		Date Time:		Received By/Affiliation											
5		6		7				8		9		10											

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

<http://www.sgs.com/en/terms-and-conditions>

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes
Company Name: <u>AECOM</u>				Project Name: <u>RTX Delavan</u>				<u>WCS 8240 TCL unpreserved</u> <u>WCS 8240 TCL preserved</u> DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid												
Address: <u>5438 Wade Park Blvd Suite 200</u>				Street: <u>4334 Main Hwy</u>																
City: <u>Raleigh</u> State: <u>NC</u> Zip: <u>27601</u>				City: <u>Bamberg SC</u> State: _____																
Project Contact: <u>Conan Fitzgerald</u> Email: <u>conan.fitzgerald@aecom.com</u>				Project # <u>60730348.13</u>																
Phone #: <u>919-349-5486</u>				Fax # _____																
Sampler(s) Name(s) (Printed)				Client Purchase Order # _____																
Sampler 1: _____				Sampler 2: _____																
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	CONTAINER INFORMATION												LAB USE ONLY	
							OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH-ZnAc	DI WATER	MEQH					
	MW-30D-MSD	10/19/14	1210	JB/RM	GW	3		X									X			
	MW-14		1230			3			X								X			
	MW-141D		1240			3		X									X			
	MW-14D-a		1240			3		X									X			
	MW-23D		1250			3		X									X			
	MW-7		1300			3			X								X			
	MW-3		1310			3			X								X			
	MW-3D		1315			3		X									X			
	MW-301		1320			3		X									X			
	MW-21D		1330			3		X									X			
	MW-2		1335			3			X								X			
	MW-21		1340			3			X								X			
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks												
10 Day (Business) _____ 7 Day _____ 5 Day _____ 3 Day RUSH _____ 2 Day RUSH _____ 1 Day RUSH _____ Other _____				Approved By: / Date: _____ ☐ COMMERCIAL "A" (RESULTS ONLY) ☐ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULLT1 (EPA LEVEL 4) ☐ EDD'S				Raleigh, NC Service Center												
Rush T/A Data Available VIA Email or Lablink																				
Relinquished by Sampler/Affiliation		Date Time:	Received By/Affiliation		Relinquished By/Affiliation		Date Time:	Received By/Affiliation												
1 <u>Conan Fitzgerald AECOM</u>		<u>10/19/14 1245</u>	2		3			4												
Relinquished by/Affiliation		Date Time:	Received By/Affiliation		Relinquished By/Affiliation		Date Time:	Received By/Affiliation												
5			6		7			8												

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SKIFF #	

Kaleigh, NC			
Service Center			



DAILY REPORT

PROJECT NUMBER: 60730348 DATE: 10/28/24 REPORT NUMBER: _____

PROJECT & LOCATION: Delavan Spray Technologies, Bamberg SC

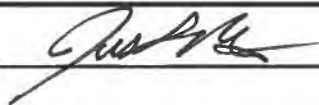
CLIENT: _____ AECOM FIELD REPRESENTATIVE: J. Butler/R. Morgan

SUBCONTRACTOR: NA

SUBCONTRACTOR PERSONNEL ON SITE: NR

BRIEF SUMMARY OF WORK PERFORMED: Ground water sampling + gauging

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
1030		Arrive onsite, H&S meeting, Vehicle Inspection
1050		Grab sampling + gauging supplies to sample the MW-15 cluster
1105		Gauge MW-15, 15D, 15D1
1110		sample MW-15
1120		sample MW-15D
1130		sample MW-15D1
1150		Gauge and sample MW-33D
1200		Continue by opening all wells to allow for equilibration
1400		All wells open, continue down Leman Creek to locate home owners for access agreements, will continue later for owners that return home late. Begin water level gauging
1615		Complete gauging, load supplies to sample wells indoors
1630		Sample MW-37
1645		sample MW-19
1700		sample MW-20
1715		Pack supplies and attempt to locate home owners
1800		Leave site

FIELD REPRESENTATIVES SIGNATURE:  DATE: 10/28/24



DAILY REPORT

PROJECT NUMBER: 66730348 DATE: 10/29/24 REPORT NUMBER: _____

PROJECT & LOCATION: Delavan Spray Technologies, Danbury SC

CLIENT: _____ AECOM FIELD REPRESENTATIVE: J. Butler / R. Morgan

SUBCONTRACTOR: NA

SUBCONTRACTOR PERSONNEL ON SITE: NA

BRIEF SUMMARY OF WORK PERFORMED: Groundwater & surface water sampling

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
0700		Arrive onsite, H&S meeting, vehicle inspection, calibrate equipment
0745		rope to town for additional ice
0800		Begin sampling
0825		sample MW-36D
0835		rope down Lemon Creek to locate lost home owner, no luck
0840		sample MW-11
0845		sample MW-10
0855		sample MW-POD
0905		sample MW-9D
0915		sample MW-9, MS/MAD
0925		sample MW-18
0935		sample MW-17
0950		sample MW-13D
1000		sample MW-12D
1005		sample MW-28
1010		sample MW-28
1020		sample MW-29
1030		sample MW-16
1035		sample MW-18D, attempt to locate owner again, no luck
1050		sample MW-39D
1100		sample MW-35D
1120		sample MW-22D, Dup
1130		sample MW-26D

FIELD REPRESENTATIVES SIGNATURE: _____

DATE: _____

10/29/24



DAILY REPORT

PROJECT NUMBER: 60730348 DATE: 10/29/2014 REPORT NUMBER: NA

Page #: 2

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
1140		sample MW-32DR, Dup
1150		sample MW-25D
1200		sample MW-38D
1210		sample MW-30D, M3/M4D
1230		sample MW-14
1240		sample MW-14D, Dup
1250		sample MW-23D
1300		~~MW-7~~ sample MW-7
1310		sample MW-3
1315		sample MW-3D
1320		sample MW-3D1
1330		sample MW-21D
1335		sample MW-2
1340		sample MW-21
1345		sample MW-1
1350		sample MW-8
1355		sample MW-6
1400		sample MW-5
1410		sample MW-24, Dup
1415		Empty purge water @ system, make to locate lost home owner, access agreements complete, begin surface water sampling
1450		sample SW-05-LC
1510		sample SW-01-LC
1525		sample SW-04-TLC
1550		sample SW-02-LC
1605		sample SW-03-HMB
1615		move to orangeburg
1645		Purchase ice and pack samples for shipment
1745		Relinquish samples @ Feder
1845		arrive @ office, EOD

FIELD REPRESENTATIVES SIGNATURE: [Signature] DATE: 10/29/14

Appendix C

Analytical Data

Laboratory Reports – SGS North America, Inc.
Data Assessment Reports

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Raytheon Technologies

AECOMSCG: Delavan Spray Technologies; Bamberg, SC

60730348.1b

SGS Job Number: FC19974

Sampling Date: 10/29/24



Report to:

AECOM Environment
10 Patewood Dr Bldg VI, Suite 500
Greenville, SC 29615
leslee.alexander@aecom.com; doria.cullom@aecom.com

ATTN: Doria Cullom

Total number of pages in report: **184**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001)

DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),

AL, AK, AR, CT, IA, KY, MA, MI, MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV

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Test results relate only to samples analyzed.

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4.18: FC19974-18: MW-12D	57
4.19: FC19974-19: MW-28	59
4.20: FC19974-20: MW-27	61
4.21: FC19974-21: MW-29	63
4.22: FC19974-22: MW-16	65
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4.24: FC19974-24: MW-34D	69
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4.29: FC19974-29: MW-32DR	79
4.30: FC19974-30: MW-32DR-A	81
4.31: FC19974-31: MW-25D	83
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4.46: FC19974-46: MW-8	113
4.47: FC19974-47: MW-6	115
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Sample Summary

Raytheon Technologies

Job No: FC19974

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60730348.1b

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

FC19974-1	10/29/24	11:10	JBRM	10/30/24	AQ	Ground Water	MW-15
FC19974-2	10/29/24	11:20	JBRM	10/30/24	AQ	Ground Water	MW-15D
FC19974-3	10/29/24	11:30	JBRM	10/30/24	AQ	Ground Water	MW-15D1
FC19974-4	10/29/24	11:50	JBRM	10/30/24	AQ	Ground Water	MW-33D
FC19974-5	10/29/24	16:30	JBRM	10/30/24	AQ	Ground Water	MW-37
FC19974-6	10/29/24	16:45	JBRM	10/30/24	AQ	Ground Water	MW-19
FC19974-7	10/29/24	17:00	JBRM	10/30/24	AQ	Ground Water	MW-20
FC19974-8	10/29/24	08:25	JBRM	10/30/24	AQ	Ground Water	MW-36D
FC19974-9	10/29/24	08:40	JBRM	10/30/24	AQ	Ground Water	MW-11
FC19974-10	10/29/24	08:45	JBRM	10/30/24	AQ	Ground Water	MW-10
FC19974-11	10/29/24	08:55	JBRM	10/30/24	AQ	Ground Water	MW-10D
FC19974-12	10/29/24	09:05	JBRM	10/30/24	AQ	Ground Water	MW-9D



Sample Summary
(continued)

Raytheon Technologies

Job No: FC19974

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60730348.1b

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC19974-13	10/29/24	09:15	JBRM	10/30/24	AQ	Ground Water	MW-9
FC19974-13D	10/29/24	09:15	JBRM	10/30/24	AQ	Water Dup/MSD	MW-9
FC19974-13S	10/29/24	09:15	JBRM	10/30/24	AQ	Water Matrix Spike	MW-9
FC19974-14	10/29/24	09:25	JBRM	10/30/24	AQ	Ground Water	MW-18
FC19974-15	10/29/24	09:35	JBRM	10/30/24	AQ	Ground Water	MW-17
FC19974-16	10/29/24	09:40	JBRM	10/30/24	AQ	Ground Water	MW-4
FC19974-17	10/29/24	09:50	JBRM	10/30/24	AQ	Ground Water	MW-13D
FC19974-18	10/29/24	10:00	JBRM	10/30/24	AQ	Ground Water	MW-12D
FC19974-19	10/29/24	10:05	JBRM	10/30/24	AQ	Ground Water	MW-28
FC19974-20	10/29/24	10:10	JBRM	10/30/24	AQ	Ground Water	MW-27
FC19974-21	10/29/24	10:20	JBRM	10/30/24	AQ	Ground Water	MW-29
FC19974-22	10/29/24	10:30	JBRM	10/30/24	AQ	Ground Water	MW-16
FC19974-23	10/29/24	10:35	JBRM	10/30/24	AQ	Ground Water	MW-16D



Sample Summary
(continued)

Raytheon Technologies

Job No: FC19974

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60730348.1b

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC19974-24	10/29/24	10:50	JBRM	10/30/24	AQ	Ground Water	MW-34D
FC19974-25	10/29/24	11:00	JBRM	10/30/24	AQ	Ground Water	MW-35D
FC19974-26	10/29/24	11:20	JBRM	10/30/24	AQ	Ground Water	MW-22D
FC19974-27	10/29/24	11:20	JBRM	10/30/24	AQ	Ground Water	MW-22D-A
FC19974-28	10/29/24	11:30	JBRM	10/30/24	AQ	Ground Water	MW-26D
FC19974-29	10/29/24	11:40	JBRM	10/30/24	AQ	Ground Water	MW-32DR
FC19974-30	10/29/24	11:40	JBRM	10/30/24	AQ	Ground Water	MW-32DR-A
FC19974-31	10/29/24	11:50	JBRM	10/30/24	AQ	Ground Water	MW-25D
FC19974-32	10/29/24	12:00	JBRM	10/30/24	AQ	Ground Water	MW-31D
FC19974-33	10/29/24	12:10	JBRM	10/30/24	AQ	Ground Water	MW-30D
FC19974-33D	10/29/24	12:10	JBRM	10/30/24	AQ	Water Dup/MSD	MW-30D
FC19974-33S	10/29/24	12:10	JBRM	10/30/24	AQ	Water Matrix Spike	MW-30D
FC19974-34	10/29/24	12:30	JBRM	10/30/24	AQ	Ground Water	MW-14



Sample Summary
(continued)

Raytheon Technologies

Job No: FC19974

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60730348.1b

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC19974-35	10/29/24	12:40	JBRM	10/30/24	AQ	Ground Water	MW-14D
FC19974-36	10/29/24	12:40	JBRM	10/30/24	AQ	Ground Water	MW-14D-A
FC19974-37	10/29/24	12:50	JBRM	10/30/24	AQ	Ground Water	MW-23D
FC19974-38	10/29/24	13:00	JBRM	10/30/24	AQ	Ground Water	MW-7
FC19974-39	10/29/24	13:10	JBRM	10/30/24	AQ	Ground Water	MW-3
FC19974-40	10/29/24	13:15	JBRM	10/30/24	AQ	Ground Water	MW-3D
FC19974-41	10/29/24	13:20	JBRM	10/30/24	AQ	Ground Water	MW-3D1
FC19974-42	10/29/24	13:30	JBRM	10/30/24	AQ	Ground Water	MW-21D
FC19974-43	10/29/24	13:35	JBRM	10/30/24	AQ	Ground Water	MW-2
FC19974-44	10/29/24	13:40	JBRM	10/30/24	AQ	Ground Water	MW-21
FC19974-45	10/29/24	13:45	JBRM	10/30/24	AQ	Ground Water	MW-1
FC19974-46	10/29/24	13:50	JBRM	10/30/24	AQ	Ground Water	MW-8
FC19974-47	10/29/24	13:55	JBRM	10/30/24	AQ	Ground Water	MW-6



Sample Summary
(continued)

Raytheon Technologies

Job No: FC19974

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60730348.1b

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC19974-48	10/29/24	14:00	JBRM	10/30/24	AQ	Ground Water	MW-5
FC19974-49	10/29/24	14:10	JBRM	10/30/24	AQ	Ground Water	MW-24
FC19974-50	10/29/24	14:10	JBRM	10/30/24	AQ	Ground Water	MW-24-A
FC19974-51	10/29/24	14:50	JBRM	10/30/24	AQ	Surface Water	SW-05-LC
FC19974-52	10/29/24	15:10	JBRM	10/30/24	AQ	Surface Water	SW-01-LC
FC19974-53	10/29/24	15:25	JBRM	10/30/24	AQ	Surface Water	SW-04-TLC
FC19974-54	10/29/24	15:50	JBRM	10/30/24	AQ	Surface Water	SW-02-LC
FC19974-55	10/29/24	16:05	JBRM	10/30/24	AQ	Surface Water	SW-03-HMB
FC19974-56	10/29/24	00:00	JBRM	10/30/24	AQ	Trip Blank Water	TRIP BLANK

SAMPLE DELIVERY GROUP CASE NARRATIVE

2

Client: Raytheon Technologies

Job No: FC19974

Site: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Report Date: 11/11/2024 8:48:11

On 10/30/2024, 55 Sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc - Orlando. at a maximum corrected temperature of 4 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FC19974 was assigned to the project.

Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: V1O4114

Sample(s) FC19974-33MS, FC19974-33MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Bromoform, Carbon Tetrachloride, Dibromochloromethane are outside control limits.

Matrix Spike Recovery(s) for Bromoform, trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for Bromoform, trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

V1O4114-MB: Sample was treated with an anti-foaming agent.

FC19974-29 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-29 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-29: Sample was not preserved to a pH < 2.

FC19974-30 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-30 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-30: Sample was not preserved to a pH < 2.

FC19974-31 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-31 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-31: Sample was not preserved to a pH < 2.

FC19974-32 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-32 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-32: Sample was not preserved to a pH < 2.

FC19974-33 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-33 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-33: Sample was not preserved to a pH < 2.

FC19974-35 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-35 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-35: Sample was not preserved to a pH < 2.

FC19974-36 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-36 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-36: Sample was not preserved to a pH < 2.

FC19974-37 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-37 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-37: Sample was not preserved to a pH < 2.

FC19974-40 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-40 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-40: Sample was not preserved to a pH < 2.

FC19974-41 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-41 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-41: Sample was not preserved to a pH < 2.

FC19974-42 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-42 for Bromoform: Associated CCV and BS recovery outside control limits high, sample is ND.

FC19974-42: Sample was not preserved to a pH < 2.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: VIO4118

Sample(s) FC19974-19MS, FC19974-19MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for 1,1-Dichloroethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene are outside control limits.

Matrix Spike Recovery(s) for trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

VIO4118-BS for 1,1-Dichloroethane: Sporadic marginal failure.

VIO4118-BS for cis-1,3-Dichloropropene: Sporadic marginal failure.

VIO4118-BS for trans-1,3-Dichloropropene: Sporadic marginal failure.

FC19974-19 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.

FC19974-19 for 2-Butanone (MEK): Associated CCV outside control limits low.

FC19974-19 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-19 for Acetone: Associated CCV outside control limits low.

FC19974-19 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-19 for Methyl Bromide: Associated CCV outside control limits low.

FC19974-19 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-20 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.

FC19974-20 for 2-Butanone (MEK): Associated CCV outside control limits low.

FC19974-20 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-20 for Acetone: Associated CCV outside control limits low.

FC19974-20 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-20 for Methyl Bromide: Associated CCV outside control limits low.

FC19974-20 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-21 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.

FC19974-21 for 2-Butanone (MEK): Associated CCV outside control limits low.

FC19974-21 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-21 for Acetone: Associated CCV outside control limits low.

FC19974-21 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-21 for Methyl Bromide: Associated CCV outside control limits low.

FC19974-21 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-22 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.

FC19974-22 for 2-Butanone (MEK): Associated CCV outside control limits low.

FC19974-22 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-22 for Acetone: Associated CCV outside control limits low.

FC19974-22 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-22 for Methyl Bromide: Associated CCV outside control limits low.

FC19974-22 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-34 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.

FC19974-34 for 2-Butanone (MEK): Associated CCV outside control limits low.

FC19974-34 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-34 for Acetone: Associated CCV outside control limits low.

FC19974-34 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-34 for Methyl Bromide: Associated CCV outside control limits low.

FC19974-34 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-38 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.

FC19974-38 for 2-Butanone (MEK): Associated CCV outside control limits low.

FC19974-38 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

FC19974-38 for Acetone: Associated CCV outside control limits low.

FC19974-38 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-38 for Methyl Bromide: Associated CCV outside control limits low.

FC19974-38 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-39 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.

FC19974-39 for 2-Butanone (MEK): Associated CCV outside control limits low.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: VIO4118

FC19974-39 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-39 for Acetone: Associated CCV outside control limits low.
FC19974-39 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-39 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-39 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-43 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-43 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-43 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-43 for Acetone: Associated CCV outside control limits low.
FC19974-43 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-43 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-43 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-44 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-44 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-44 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-44 for Acetone: Associated CCV outside control limits low.
FC19974-44 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-44 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-44 for Methylene Chloride: Suspected laboratory contaminant.
FC19974-44 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-45 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-45 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-45 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-45 for Acetone: Associated CCV outside control limits low.
FC19974-45 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-45 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-45 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-46 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-46 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-46 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-46 for Acetone: Associated CCV outside control limits low.
FC19974-46 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-46 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-46 for Methylene Chloride: Suspected laboratory contaminant.
FC19974-46 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-47 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-47 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-47 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-47 for Acetone: Associated CCV outside control limits low.
FC19974-47 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-47 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-47 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-48 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-48 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-48 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-48 for Acetone: Associated CCV outside control limits low.
FC19974-48 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-48 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-48 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-49 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-49 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-49 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: V104118

FC19974-49 for Acetone: Associated CCV outside control limits low.
FC19974-49 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-49 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-49 for Methylene Chloride: Suspected laboratory contaminant.
FC19974-49 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-50 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-50 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-50 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-50 for Acetone: Associated CCV outside control limits low.
FC19974-50 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-50 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-50 for Methylene Chloride: Suspected laboratory contaminant.
FC19974-50 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-51 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-51 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-51 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-51 for Acetone: Associated CCV outside control limits low.
FC19974-51 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-51 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-51 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-52 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-52 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-52 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-52 for Acetone: Associated CCV outside control limits low.
FC19974-52 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-52 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-52 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-53 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-53 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-53 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-53 for Acetone: Associated CCV outside control limits low.
FC19974-53 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-53 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-53 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-54 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-54 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-54 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-54 for Acetone: Associated CCV outside control limits low.
FC19974-54 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-54 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-54 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-55 for 1,1-Dichloroethane: Associated BS recovery outside control limits low.
FC19974-55 for 2-Butanone (MEK): Associated CCV outside control limits low.
FC19974-55 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside control limits low.
FC19974-55 for Acetone: Associated CCV outside control limits low.
FC19974-55 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits low.
FC19974-55 for Methyl Bromide: Associated CCV outside control limits low.
FC19974-55 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: V1O4119

Sample(s) FC20105-6MS, FC20105-6MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for trans-1,3-Dichloropropene are outside control limits.

Matrix Spike Recovery(s) for trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

V1O4119-BS for trans-1,3-Dichloropropene: Sporadic marginal failure.

V1O4119-MB: Sample was treated with an anti-foaming agent.

FC19974-56 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits low.

FC19974-56 for Methyl Bromide: Associated CCV outside control limits low.

Matrix: AQ

Batch ID: V2A2032

Sample(s) FC20106-3MS, FC20106-3MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for trans-1,3-Dichloropropene are outside control limits. Probable cause is due to matrix interference.

V2A2032-MB: Sample was treated with an anti-foaming agent.

Matrix: AQ

Batch ID: V3B39

Sample(s) FC19837-14MS, FC19837-14MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Methyl Bromide are outside control limits.

Matrix Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Hexanone, 4-Methyl-2-pentanone (MIBK) are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Hexanone, 4-Methyl-2-pentanone (MIBK) are outside control limits. Probable cause is due to matrix interference.

V3B39-MB: Sample was treated with an anti-foaming agent.

FC19974-2 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-2 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-2: Sample was not preserved to a pH < 2.

FC19974-3 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-3 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-3: Sample was not preserved to a pH < 2.

FC19974-4 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-4 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-4: Sample was not preserved to a pH < 2.

FC19974-8 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-8 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-8: Sample was not preserved to a pH < 2.

FC19974-11 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-11 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-11: Sample was not preserved to a pH < 2.

FC19974-12 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-12 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-12: Sample was not preserved to a pH < 2.

FC19974-17 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-17 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-17: Sample was not preserved to a pH < 2.

FC19974-18 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-18 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-18: Sample was not preserved to a pH < 2.

FC19974-23 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-23 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-23: Sample was not preserved to a pH < 2.

FC19974-24 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.

FC19974-24 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.

FC19974-24: Sample was not preserved to a pH < 2.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: V3B39

FC19974-25 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.
FC19974-25 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.
FC19974-25: Sample was not preserved to a pH < 2.
FC19974-26 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.
FC19974-26 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.
FC19974-26: Sample was not preserved to a pH < 2.
FC19974-27 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.
FC19974-27 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.
FC19974-27: Sample was not preserved to a pH < 2.
FC19974-28 for 2-Butanone (MEK): Associated CCV outside control limits high, sample is ND.
FC19974-28 for Methyl Bromide: Associated CCV and BS outside control limits high, sample is ND.
FC19974-28: Sample was not preserved to a pH < 2.

Matrix: AQ

Batch ID: V3B41

Sample(s) FC19974-13MS, FC19974-13MSD were used as the QC samples indicated.
Matrix Spike Duplicate Recovery(s) for Tetrachloroethylene are outside control limits. Probable cause is due to matrix interference.
V3B41-MB: Sample was treated with an anti-foaming agent.
FC19974-1 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.
FC19974-5: Confirmation run.
FC19974-6: Confirmation run.
FC19974-7 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.
FC19974-9 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.
FC19974-10 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.
FC19974-13 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.
FC19974-14 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.
FC19974-15 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.
FC19974-16 for Methyl Bromide: Associated CCV outside control limits high, sample is ND.

Matrix: AQ

Batch ID: V5E2159

Sample(s) FC19974-10MS, FC19974-10MSD were used as the QC samples indicated.
Matrix Spike Duplicate Recovery(s) for cis-1,2-Dichloroethylene are outside control limits. Probable cause is due to matrix interference.
V5E2159-MB: Sample was treated with an anti-foaming agent.

Matrix: AQ

Batch ID: VI3404

Sample(s) FC19902-15CMS, FC19902-15CMSD were used as the QC samples indicated.
VI3404-MB: Sample was treated with an anti-foaming agent.
FC19974-31: Sample was not preserved to a pH < 2.
FC19974-40: Sample was not preserved to a pH < 2.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

Kim Benham, Report Generation (signature on file)

Summary of Hits

Job Number: FC19974
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 10/29/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

FC19974-1 **MW-15**

No hits reported in this sample.

FC19974-2 **MW-15D**

No hits reported in this sample.

FC19974-3 **MW-15D1**

No hits reported in this sample.

FC19974-4 **MW-33D**

No hits reported in this sample.

FC19974-5 **MW-37**

Methylene Chloride	43.7 J	100	40	ug/l	SW846 8260D
Tetrachloroethylene	1600	20	4.3	ug/l	SW846 8260D

FC19974-6 **MW-19**

cis-1,2-Dichloroethylene	106 J	250	69	ug/l	SW846 8260D
Methylene Chloride	706 J	1300	500	ug/l	SW846 8260D
Tetrachloroethylene	23700	250	54	ug/l	SW846 8260D

FC19974-7 **MW-20**

Acetone	15.4 J	25	10	ug/l	SW846 8260D
cis-1,2-Dichloroethylene	0.55 J	1.0	0.28	ug/l	SW846 8260D
trans-1,2-Dichloroethylene	0.23 J	1.0	0.22	ug/l	SW846 8260D
Tetrachloroethylene	65.8	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene	1.5	1.0	0.35	ug/l	SW846 8260D

FC19974-8 **MW-36D**

No hits reported in this sample.

FC19974-9 **MW-11**

No hits reported in this sample.

Summary of Hits

Page 2 of 7

Job Number: FC19974
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 10/29/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

FC19974-10 MW-10

Chlorobenzene	0.50 J	1.0	0.20	ug/l	SW846 8260D
1,1-Dichloroethane	1.4	1.0	0.34	ug/l	SW846 8260D
1,2-Dichloroethane	0.49 J	1.0	0.31	ug/l	SW846 8260D
1,1-Dichloroethylene	127	25	8.1	ug/l	SW846 8260D
cis-1,2-Dichloroethylene	1970	25	6.9	ug/l	SW846 8260D
trans-1,2-Dichloroethylene	1.6	1.0	0.22	ug/l	SW846 8260D
Tetrachloroethylene	142	25	5.4	ug/l	SW846 8260D
Trichloroethylene	182	25	8.6	ug/l	SW846 8260D
Vinyl Chloride	3.3	1.0	0.41	ug/l	SW846 8260D

FC19974-11 MW-10D

Tetrachloroethylene ^a	0.48 J	1.0	0.22	ug/l	SW846 8260D

FC19974-12 MW-9D

No hits reported in this sample.

FC19974-13 MW-9

cis-1,2-Dichloroethylene	1.7	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene	87.2	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene	34.9	1.0	0.35	ug/l	SW846 8260D

FC19974-14 MW-18

No hits reported in this sample.

FC19974-15 MW-17

No hits reported in this sample.

FC19974-16 MW-4

No hits reported in this sample.

FC19974-17 MW-13D

1,2-Dichloroethane ^a	1.2	1.0	0.31	ug/l	SW846 8260D
1,1-Dichloroethylene ^a	1.3	1.0	0.32	ug/l	SW846 8260D
Tetrachloroethylene ^a	81.2	1.0	0.22	ug/l	SW846 8260D

Summary of Hits

Job Number: FC19974
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 10/29/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FC19974-18 MW-12D						
Tetrachloroethylene ^a		16.8	1.0	0.22	ug/l	SW846 8260D
FC19974-19 MW-28						
No hits reported in this sample.						
FC19974-20 MW-27						
No hits reported in this sample.						
FC19974-21 MW-29						
No hits reported in this sample.						
FC19974-22 MW-16						
No hits reported in this sample.						
FC19974-23 MW-16D						
No hits reported in this sample.						
FC19974-24 MW-34D						
No hits reported in this sample.						
FC19974-25 MW-35D						
No hits reported in this sample.						
FC19974-26 MW-22D						
1,1-Dichloroethylene ^a		1.6	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		0.61 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a		96.9	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene ^a		0.73 J	1.0	0.35	ug/l	SW846 8260D
FC19974-27 MW-22D-A						
1,1-Dichloroethylene ^a		1.4	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		0.51 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a		90.5	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene ^a		0.69 J	1.0	0.35	ug/l	SW846 8260D

Summary of Hits

Page 4 of 7

Job Number: FC19974
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 10/29/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

FC19974-28 MW-26D

1,1-Dichloroethylene ^a	0.48 J	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a	0.44 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a	28.3	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene ^a	0.56 J	1.0	0.35	ug/l	SW846 8260D

FC19974-29 MW-32DR

Tetrachloroethylene ^a	26.5	1.0	0.22	ug/l	SW846 8260D

FC19974-30 MW-32DR-A

Tetrachloroethylene ^a	13.0	1.0	0.22	ug/l	SW846 8260D

FC19974-31 MW-25D

1,1-Dichloroethylene ^a	2.1	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a	1.2	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a	88.0	5.0	1.1	ug/l	SW846 8260D
Trichloroethylene ^a	1.3	1.0	0.35	ug/l	SW846 8260D

FC19974-32 MW-31D

1,1-Dichloroethylene ^a	2.7	2.0	0.64	ug/l	SW846 8260D
Methylene Chloride ^a	5.0 J	10	4.0	ug/l	SW846 8260D
Tetrachloroethylene ^a	174	2.0	0.43	ug/l	SW846 8260D

FC19974-33 MW-30D

1,1-Dichloroethylene ^a	1.5	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a	0.93 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a	93.5	5.0	1.1	ug/l	SW846 8260D
Trichloroethylene ^a	1.1	1.0	0.35	ug/l	SW846 8260D

FC19974-34 MW-14

No hits reported in this sample.

FC19974-35 MW-14D

Tetrachloroethylene ^a	12.3	1.0	0.22	ug/l	SW846 8260D

Summary of Hits

Job Number: FC19974
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 10/29/24



Lab Sample ID	Client Sample ID	Result/ Analyte Qual	RL	MDL	Units	Method
FC19974-36	MW-14D-A					
Tetrachloroethylene ^a		9.5	1.0	0.22	ug/l	SW846 8260D
FC19974-37	MW-23D					
No hits reported in this sample.						
FC19974-38	MW-7					
No hits reported in this sample.						
FC19974-39	MW-3					
cis-1,2-Dichloroethylene		0.99 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene		67.7	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene		1.3	1.0	0.35	ug/l	SW846 8260D
FC19974-40	MW-3D					
1,1-Dichloroethylene ^a		3.9	2.0	0.64	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		8.3	2.0	0.55	ug/l	SW846 8260D
Methylene Chloride ^a		4.4 J	10	4.0	ug/l	SW846 8260D
Tetrachloroethylene ^a		308	10	2.2	ug/l	SW846 8260D
Trichloroethylene ^a		8.8	2.0	0.69	ug/l	SW846 8260D
FC19974-41	MW-3D1					
No hits reported in this sample.						
FC19974-42	MW-21D					
No hits reported in this sample.						
FC19974-43	MW-2					
No hits reported in this sample.						
FC19974-44	MW-21					
cis-1,2-Dichloroethylene		462	100	28	ug/l	SW846 8260D
Methylene Chloride ^b		356 J	500	200	ug/l	SW846 8260D
Tetrachloroethylene		7870	250	54	ug/l	SW846 8260D
Trichloroethylene		213	100	35	ug/l	SW846 8260D

Summary of Hits

Job Number: FC19974
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 10/29/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FC19974-45 MW-1						
cis-1,2-Dichloroethylene		0.63 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene		21.9	1.0	0.22	ug/l	SW846 8260D
FC19974-46 MW-8						
cis-1,2-Dichloroethylene		15.9	5.0	1.4	ug/l	SW846 8260D
Methylene Chloride ^b		17.5 J	25	10	ug/l	SW846 8260D
Tetrachloroethylene		421	5.0	1.1	ug/l	SW846 8260D
Trichloroethylene		95.3	5.0	1.7	ug/l	SW846 8260D
FC19974-47 MW-6						
No hits reported in this sample.						
FC19974-48 MW-5						
No hits reported in this sample.						
FC19974-49 MW-24						
cis-1,2-Dichloroethylene		27.7	20	5.5	ug/l	SW846 8260D
Methylene Chloride ^b		67.9 J	100	40	ug/l	SW846 8260D
Tetrachloroethylene		1660	20	4.3	ug/l	SW846 8260D
FC19974-50 MW-24-A						
cis-1,2-Dichloroethylene		26.0	20	5.5	ug/l	SW846 8260D
Methylene Chloride ^b		75.2 J	100	40	ug/l	SW846 8260D
Tetrachloroethylene		1700	20	4.3	ug/l	SW846 8260D
FC19974-51 SW-05-LC						
Tetrachloroethylene		1.2	1.0	0.22	ug/l	SW846 8260D
FC19974-52 SW-01-LC						
Tetrachloroethylene		2.5	1.0	0.22	ug/l	SW846 8260D
FC19974-53 SW-04-TLC						
Toluene		0.80 J	1.0	0.30	ug/l	SW846 8260D

Summary of Hits

Job Number: FC19974
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 10/29/24



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

FC19974-54 SW-02-LC

No hits reported in this sample.

FC19974-55 SW-03-HMB

Toluene	0.55 J	1.0	0.30	ug/l	SW846 8260D

FC19974-56 TRIP BLANK

Toluene	0.78 J	1.0	0.30	ug/l	SW846 8260D

- (a) Sample was not preserved to a pH < 2.
- (b) Suspected laboratory contaminant.



Orlando, FL

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-15	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-1	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000991.D	1	11/04/24 15:05	JW	n/a	n/a	V3B41
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-1	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	112%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.1
4

Report of Analysis

Client Sample ID:	MW-15D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-2	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000932.D	1	10/31/24 12:26	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-2	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D1	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-3	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000933.D	1	10/31/24 12:50	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D1	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-3	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	113%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-33D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-4	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000934.D	1	10/31/24 13:14	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-33D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-4	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	114%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.4
4

Report of Analysis

Client Sample ID:	MW-37	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-5	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A60442.D	20	11/06/24 16:41	JW	n/a	n/a	V2A2032
Run #2 ^a	3B000992.D	100	11/04/24 15:29	JW	n/a	n/a	V3B41

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	500	200	ug/l	
71-43-2	Benzene	ND	20	6.2	ug/l	
75-27-4	Bromodichloromethane	ND	20	4.8	ug/l	
75-25-2	Bromoform	ND	20	8.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	40	ug/l	
75-15-0	Carbon Disulfide	ND	40	11	ug/l	
56-23-5	Carbon Tetrachloride	ND	20	7.1	ug/l	
108-90-7	Chlorobenzene	ND	20	4.0	ug/l	
75-00-3	Chloroethane	ND	40	13	ug/l	
67-66-3	Chloroform	ND	20	6.0	ug/l	
124-48-1	Dibromochloromethane	ND	20	5.5	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	6.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	6.2	ug/l	
75-35-4	1,1-Dichloroethylene	ND	20	6.4	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	20	5.5	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	20	4.4	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	8.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	5.8	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	4.3	ug/l	
100-41-4	Ethylbenzene	ND	20	7.1	ug/l	
591-78-6	2-Hexanone	ND	200	40	ug/l	
74-83-9	Methyl Bromide	ND	100	40	ug/l	
74-87-3	Methyl Chloride	ND	40	10	ug/l	
75-09-2	Methylene Chloride	43.7	100	40	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	100	20	ug/l	
100-42-5	Styrene	ND	20	4.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.0	ug/l	
127-18-4	Tetrachloroethylene	1600	20	4.3	ug/l	
108-88-3	Toluene	ND	20	6.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	5.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	9.3	ug/l	
79-01-6	Trichloroethylene	ND	20	6.9	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-37	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-5	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	20	8.2	ug/l	
1330-20-7	Xylene (total)	ND	60	14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	116%	79-125%
2037-26-5	Toluene-D8	95%	100%	85-112%
460-00-4	4-Bromofluorobenzene	97%	101%	83-118%

(a) Confirmation run.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.5
4

Report of Analysis

Client Sample ID:	MW-19	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-6	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A60443.D	250	11/06/24 17:05	JW	n/a	n/a	V2A2032
Run #2 ^a	3B000993.D	500	11/04/24 15:52	JW	n/a	n/a	V3B41

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	6300	2500	ug/l	
71-43-2	Benzene	ND	250	78	ug/l	
75-27-4	Bromodichloromethane	ND	250	61	ug/l	
75-25-2	Bromoform	ND	250	100	ug/l	
78-93-3	2-Butanone (MEK)	ND	1300	500	ug/l	
75-15-0	Carbon Disulfide	ND	500	130	ug/l	
56-23-5	Carbon Tetrachloride	ND	250	89	ug/l	
108-90-7	Chlorobenzene	ND	250	50	ug/l	
75-00-3	Chloroethane	ND	500	170	ug/l	
67-66-3	Chloroform	ND	250	75	ug/l	
124-48-1	Dibromochloromethane	ND	250	69	ug/l	
75-34-3	1,1-Dichloroethane	ND	250	85	ug/l	
107-06-2	1,2-Dichloroethane	ND	250	78	ug/l	
75-35-4	1,1-Dichloroethylene	ND	250	81	ug/l	
156-59-2	cis-1,2-Dichloroethylene	106	250	69	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	250	55	ug/l	
78-87-5	1,2-Dichloropropane	ND	250	110	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	250	73	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	250	54	ug/l	
100-41-4	Ethylbenzene	ND	250	89	ug/l	
591-78-6	2-Hexanone	ND	2500	500	ug/l	
74-83-9	Methyl Bromide	ND	1300	500	ug/l	
74-87-3	Methyl Chloride	ND	500	130	ug/l	
75-09-2	Methylene Chloride	706	1300	500	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1300	250	ug/l	
100-42-5	Styrene	ND	250	56	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	75	ug/l	
127-18-4	Tetrachloroethylene	23700	250	54	ug/l	
108-88-3	Toluene	ND	250	75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	250	62	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	250	120	ug/l	
79-01-6	Trichloroethylene	ND	250	86	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-6	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	250	100	ug/l	
1330-20-7	Xylene (total)	ND	750	180	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	113%	79-125%
2037-26-5	Toluene-D8	96%	100%	85-112%
460-00-4	4-Bromofluorobenzene	98%	102%	83-118%

(a) Confirmation run.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-7	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000994.D	1	11/04/24 16:16	JW	n/a	n/a	V3B41
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.4	25	10	ug/l	J
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.55	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	0.23	1.0	0.22	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	65.8	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	1.5	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-7	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	111%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-36D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-8	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000935.D	1	10/31/24 13:37	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-36D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-8	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	114%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-9	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000995.D	1	11/04/24 16:40	JW	n/a	n/a	V3B41
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-9	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	115%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-10	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000996.D	1	11/04/24 17:04	JW	n/a	n/a	V3B41
Run #2	5E48497.D	25	11/05/24 11:16	JW	n/a	n/a	V5E2159

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	0.50	1.0	0.20	ug/l	J
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	1.4	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.49	1.0	0.31	ug/l	J
75-35-4	1,1-Dichloroethylene	127 ^a	25	8.1	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1970 ^a	25	6.9	ug/l	
156-60-5	trans-1,2-Dichloroethylene	1.6	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	142 ^a	25	5.4	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	182 ^a	25	8.6	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-10	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	3.3	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	114%	109%	79-125%
2037-26-5	Toluene-D8	99%	107%	85-112%
460-00-4	4-Bromofluorobenzene	102%	100%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-11	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000936.D	1	10/31/24 14:01	NMC	n/a	n/a	V3B39
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.48	1.0	0.22	ug/l	J
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-11	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	113%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-12	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000937.D	1	10/31/24 14:24	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-12	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	114%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-13	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000980.D	1	11/04/24 10:45	JW	n/a	n/a	V3B41
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.7	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	87.2	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	34.9	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-13	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-14	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000997.D	1	11/04/24 17:27	JW	n/a	n/a	V3B41
Run #2	5E48500.D	1	11/05/24 12:25	JW	n/a	n/a	V5E2159

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND ^a	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-14	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	115%	109%	79-125%
2037-26-5	Toluene-D8	100%	108%	85-112%
460-00-4	4-Bromofluorobenzene	100%	100%	83-118%

- (a) Result is from Run# 2
(b) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-15	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000998.D	1	11/04/24 17:51	JW	n/a	n/a	V3B41
Run #2	5E48501.D	1	11/05/24 12:48	JW	n/a	n/a	V5E2159

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND ^a	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-15	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	115%	109%	79-125%
2037-26-5	Toluene-D8	100%	108%	85-112%
460-00-4	4-Bromofluorobenzene	102%	101%	83-118%

- (a) Result is from Run# 2
(b) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-16	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B000999.D	1	11/04/24 18:15	JW	n/a	n/a	V3B41
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-16	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	116%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-17	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000938.D	1	10/31/24 14:48	NMC	n/a	n/a	V3B39
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	1.2	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	1.3	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	81.2	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-17	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	116%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-18	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000939.D	1	10/31/24 15:12	NMC	n/a	n/a	V3B39
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	16.8	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-18	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	115%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-28	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-19	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88562.D	1	11/04/24 16:43	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-28	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-19	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-27	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-20	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88563.D	1	11/04/24 17:08	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-27	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-20	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-29	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-21	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88564.D	1	11/04/24 17:34	JW	n/a	n/a	V1O4118
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-29	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-21	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-22	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88565.D	1	11/04/24 17:59	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-22	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-23	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000940.D	1	10/31/24 15:35	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-23	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	115%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

- (a) Sample was not preserved to a pH < 2.
- (b) Associated CCV outside control limits high, sample is ND.
- (c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-34D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-24	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000941.D	1	10/31/24 15:59	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-34D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-24	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	114%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-35D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-25	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000942.D	1	10/31/24 16:22	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-35D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-25	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	115%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside control limits high, sample is ND.
 (c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-22D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-26	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000943.D	1	10/31/24 16:46	NMC	n/a	n/a	V3B39
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	1.6	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.61	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	96.9	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	0.73	1.0	0.35	ug/l	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-22D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-26	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	115%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV outside control limits high, sample is ND.
(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-22D-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-27	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000944.D	1	10/31/24 17:10	NMC	n/a	n/a	V3B39
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	1.4	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.51	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	90.5	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	0.69	1.0	0.35	ug/l	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-22D-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-27	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	114%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits high, sample is ND.

(c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-26D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-28	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3B000945.D	1	10/31/24 17:33	NMC	n/a	n/a	V3B39
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^b	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^b	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.48	1.0	0.32	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	0.44	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^b	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	28.3	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	0.56	1.0	0.35	ug/l	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-26D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-28	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	116%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

- (a) Sample was not preserved to a pH < 2.
- (b) Associated CCV outside control limits high, sample is ND.
- (c) Associated CCV and BS outside control limits high, sample is ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-29	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088461.D	1	10/31/24 13:37	JW	n/a	n/a	V104114
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	26.5	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-29	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV and BS recovery outside control limits high, sample is ND.
(c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-30	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088462.D	1	10/31/24 14:02	JW	n/a	n/a	V104114
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	13.0	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-30	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV and BS recovery outside control limits high, sample is ND.
(c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-25D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-31	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1O88463.D	1	10/31/24 14:27	JW	n/a	n/a	V1O4114
Run #2 ^a	1767711.D	5	11/03/24 19:44	JW	n/a	n/a	VI3404

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	2.1	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.2	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	88.0 ^d	5.0	1.1	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	1.3	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-25D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-31	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	93%	79-125%
2037-26-5	Toluene-D8	96%	100%	85-112%
460-00-4	4-Bromofluorobenzene	94%	95%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV and BS recovery outside control limits high, sample is ND.
 (c) Associated CCV outside control limits low.
 (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-31D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-32	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088464.D	2	10/31/24 14:52	JW	n/a	n/a	V104114
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	20	ug/l	
71-43-2	Benzene	ND	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.48	ug/l	
75-25-2	Bromoform ^b	ND	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane ^c	ND	4.0	1.3	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane ^b	ND	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	2.7	2.0	0.64	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.55	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	5.0	10	4.0	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	10	2.0	ug/l	
100-42-5	Styrene	ND	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	174	2.0	0.43	ug/l	
108-88-3	Toluene	ND	2.0	0.60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-31D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-32	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV and BS recovery outside control limits high, sample is ND.
(c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-30D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-33	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088456.D	1	10/31/24 11:30	JW	n/a	n/a	V104114
Run #2 ^a	1088475.D	5	10/31/24 19:30	JW	n/a	n/a	V104114

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	1.5	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.93	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	93.5 ^d	5.0	1.1	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	1.1	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-30D	
Lab Sample ID: FC19974-33	Date Sampled: 10/29/24
Matrix: AQ - Ground Water	Date Received: 10/30/24
Method: SW846 8260D	Percent Solids: n/a
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	93%	79-125%
2037-26-5	Toluene-D8	97%	95%	85-112%
460-00-4	4-Bromofluorobenzene	95%	93%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV and BS recovery outside control limits high, sample is ND.
 (c) Associated CCV outside control limits low.
 (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-34	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88566.D	1	11/04/24 18:24	JW	n/a	n/a	V1O4118
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-34	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-35	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088465.D	1	10/31/24 15:18	JW	n/a	n/a	V104114
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	12.3	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-35	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV and BS recovery outside control limits high, sample is ND.
(c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14D-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-36	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088466.D	1	10/31/24 15:43	JW	n/a	n/a	V104114
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	9.5	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14D-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-36	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV and BS recovery outside control limits high, sample is ND.
(c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-23D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-37	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088467.D	1	10/31/24 16:08	JW	n/a	n/a	V104114
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-23D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-37	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV and BS recovery outside control limits high, sample is ND.

(c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-38	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88567.D	1	11/04/24 18:49	JW	n/a	n/a	V1O4118
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-38	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-39	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88568.D	1	11/04/24 19:15	JW	n/a	n/a	V1O4118
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.99	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	67.7	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	1.3	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-39	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-40	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1O88468.D	2	10/31/24 16:34	JW	n/a	n/a	V1O4114
Run #2 ^a	1767712.D	10	11/03/24 20:08	JW	n/a	n/a	VI3404

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	20	ug/l	
71-43-2	Benzene	ND	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.48	ug/l	
75-25-2	Bromoform ^b	ND	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane ^c	ND	4.0	1.3	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane ^b	ND	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	3.9	2.0	0.64	ug/l	
156-59-2	cis-1,2-Dichloroethylene	8.3	2.0	0.55	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	4.4	10	4.0	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	10	2.0	ug/l	
100-42-5	Styrene	ND	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	308 ^d	10	2.2	ug/l	
108-88-3	Toluene	ND	2.0	0.60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	8.8	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-40	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	93%	79-125%
2037-26-5	Toluene-D8	95%	99%	85-112%
460-00-4	4-Bromofluorobenzene	95%	94%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV and BS recovery outside control limits high, sample is ND.
 (c) Associated CCV outside control limits low.
 (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D1		
Lab Sample ID:	FC19974-41	Date Sampled:	10/29/24
Matrix:	AQ - Ground Water	Date Received:	10/30/24
Method:	SW846 8260D	Percent Solids:	n/a
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088469.D	1	10/31/24 16:59	JW	n/a	n/a	V104114
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D1	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-41	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV and BS recovery outside control limits high, sample is ND.
 (c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-42	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1088470.D	1	10/31/24 17:24	JW	n/a	n/a	V104114
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform ^b	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^c	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21D	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-42	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Sample was not preserved to a pH < 2.
(b) Associated CCV and BS recovery outside control limits high, sample is ND.
(c) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-43	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88569.D	1	11/04/24 19:40	JW	n/a	n/a	V1O4118
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-43	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.43
4

Report of Analysis

Client Sample ID:	MW-21	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-44	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88570.D	100	11/04/24 20:05	JW	n/a	n/a	V1O4118
Run #2	5E48506.D	250	11/05/24 14:42	JW	n/a	n/a	V5E2159

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	2500	1000	ug/l	
71-43-2	Benzene	ND	100	31	ug/l	
75-27-4	Bromodichloromethane	ND	100	24	ug/l	
75-25-2	Bromoform	ND	100	41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	500	200	ug/l	
75-15-0	Carbon Disulfide	ND	200	53	ug/l	
56-23-5	Carbon Tetrachloride	ND	100	36	ug/l	
108-90-7	Chlorobenzene	ND	100	20	ug/l	
75-00-3	Chloroethane	ND	200	67	ug/l	
67-66-3	Chloroform	ND	100	30	ug/l	
124-48-1	Dibromochloromethane	ND	100	28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	100	34	ug/l	
107-06-2	1,2-Dichloroethane	ND	100	31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	100	32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	462	100	28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	22	ug/l	
78-87-5	1,2-Dichloropropane	ND	100	43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	100	29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	100	21	ug/l	
100-41-4	Ethylbenzene	ND	100	36	ug/l	
591-78-6	2-Hexanone	ND	1000	200	ug/l	
74-83-9	Methyl Bromide ^a	ND	500	200	ug/l	
74-87-3	Methyl Chloride	ND	200	50	ug/l	
75-09-2	Methylene Chloride ^c	356	500	200	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	500	100	ug/l	
100-42-5	Styrene	ND	100	22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	30	ug/l	
127-18-4	Tetrachloroethylene	7870 ^d	250	54	ug/l	
108-88-3	Toluene	ND	100	30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	100	25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	100	47	ug/l	
79-01-6	Trichloroethylene	213	100	35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-44	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	100	41	ug/l	
1330-20-7	Xylene (total)	ND	300	72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	93%	113%	79-125%
2037-26-5	Toluene-D8	95%	108%	85-112%
460-00-4	4-Bromofluorobenzene	92%	99%	83-118%

- (a) Associated CCV outside control limits low.
 (b) Associated BS recovery outside control limits low.
 (c) Suspected laboratory contaminant.
 (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-45	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88571.D	1	11/04/24 20:31	JW	n/a	n/a	V1O4118
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.63	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	21.9	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-45	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.45
4

Report of Analysis

Client Sample ID:	MW-8	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-46	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88572.D	5	11/04/24 20:56	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	130	50	ug/l	
71-43-2	Benzene	ND	5.0	1.6	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/l	
75-25-2	Bromoform	ND	5.0	2.0	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	25	10	ug/l	
75-15-0	Carbon Disulfide	ND	10	2.7	ug/l	
56-23-5	Carbon Tetrachloride	ND	5.0	1.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/l	
75-00-3	Chloroethane	ND	10	3.3	ug/l	
67-66-3	Chloroform	ND	5.0	1.5	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	5.0	1.7	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.6	ug/l	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.6	ug/l	
156-59-2	cis-1,2-Dichloroethylene	15.9	5.0	1.4	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	5.0	1.5	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	5.0	1.1	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.8	ug/l	
591-78-6	2-Hexanone	ND	50	10	ug/l	
74-83-9	Methyl Bromide ^a	ND	25	10	ug/l	
74-87-3	Methyl Chloride	ND	10	2.5	ug/l	
75-09-2	Methylene Chloride ^c	17.5	25	10	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	25	5.0	ug/l	
100-42-5	Styrene	ND	5.0	1.1	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.5	ug/l	
127-18-4	Tetrachloroethylene	421	5.0	1.1	ug/l	
108-88-3	Toluene	ND	5.0	1.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.3	ug/l	
79-01-6	Trichloroethylene	95.3	5.0	1.7	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-46	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	5.0	2.0	ug/l	
1330-20-7	Xylene (total)	ND	15	3.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.
(c) Suspected laboratory contaminant.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.46
4

Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-47	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88573.D	1	11/04/24 21:21	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-47	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.47
4

Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-48	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88574.D	1	11/04/24 21:46	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-48	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	90%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-49	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88575.D	20	11/04/24 22:12	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	500	200	ug/l	
71-43-2	Benzene	ND	20	6.2	ug/l	
75-27-4	Bromodichloromethane	ND	20	4.8	ug/l	
75-25-2	Bromoform	ND	20	8.1	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	100	40	ug/l	
75-15-0	Carbon Disulfide	ND	40	11	ug/l	
56-23-5	Carbon Tetrachloride	ND	20	7.1	ug/l	
108-90-7	Chlorobenzene	ND	20	4.0	ug/l	
75-00-3	Chloroethane	ND	40	13	ug/l	
67-66-3	Chloroform	ND	20	6.0	ug/l	
124-48-1	Dibromochloromethane	ND	20	5.5	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	20	6.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	6.2	ug/l	
75-35-4	1,1-Dichloroethylene	ND	20	6.4	ug/l	
156-59-2	cis-1,2-Dichloroethylene	27.7	20	5.5	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	20	4.4	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	8.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	20	5.8	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	20	4.3	ug/l	
100-41-4	Ethylbenzene	ND	20	7.1	ug/l	
591-78-6	2-Hexanone	ND	200	40	ug/l	
74-83-9	Methyl Bromide ^a	ND	100	40	ug/l	
74-87-3	Methyl Chloride	ND	40	10	ug/l	
75-09-2	Methylene Chloride ^c	67.9	100	40	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	100	20	ug/l	
100-42-5	Styrene	ND	20	4.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.0	ug/l	
127-18-4	Tetrachloroethylene	1660	20	4.3	ug/l	
108-88-3	Toluene	ND	20	6.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	5.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	9.3	ug/l	
79-01-6	Trichloroethylene	ND	20	6.9	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-49	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	20	8.2	ug/l	
1330-20-7	Xylene (total)	ND	60	14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	90%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.
(c) Suspected laboratory contaminant.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-50	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88576.D	20	11/04/24 22:37	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	500	200	ug/l	
71-43-2	Benzene	ND	20	6.2	ug/l	
75-27-4	Bromodichloromethane	ND	20	4.8	ug/l	
75-25-2	Bromoform	ND	20	8.1	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	100	40	ug/l	
75-15-0	Carbon Disulfide	ND	40	11	ug/l	
56-23-5	Carbon Tetrachloride	ND	20	7.1	ug/l	
108-90-7	Chlorobenzene	ND	20	4.0	ug/l	
75-00-3	Chloroethane	ND	40	13	ug/l	
67-66-3	Chloroform	ND	20	6.0	ug/l	
124-48-1	Dibromochloromethane	ND	20	5.5	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	20	6.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	6.2	ug/l	
75-35-4	1,1-Dichloroethylene	ND	20	6.4	ug/l	
156-59-2	cis-1,2-Dichloroethylene	26.0	20	5.5	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	20	4.4	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	8.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	20	5.8	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	20	4.3	ug/l	
100-41-4	Ethylbenzene	ND	20	7.1	ug/l	
591-78-6	2-Hexanone	ND	200	40	ug/l	
74-83-9	Methyl Bromide ^a	ND	100	40	ug/l	
74-87-3	Methyl Chloride	ND	40	10	ug/l	
75-09-2	Methylene Chloride ^c	75.2	100	40	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	100	20	ug/l	
100-42-5	Styrene	ND	20	4.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.0	ug/l	
127-18-4	Tetrachloroethylene	1700	20	4.3	ug/l	
108-88-3	Toluene	ND	20	6.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	5.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	9.3	ug/l	
79-01-6	Trichloroethylene	ND	20	6.9	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24-A	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-50	Date Received:	10/30/24
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	20	8.2	ug/l	
1330-20-7	Xylene (total)	ND	60	14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	90%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Associated CCV outside control limits low.
- (b) Associated BS recovery outside control limits low.
- (c) Suspected laboratory contaminant.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.50
4

Report of Analysis

Client Sample ID:	SW-05-LC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-51	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88577.D	1	11/04/24 23:02	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	1.2	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-05-LC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-51	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-01-LC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-52	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88578.D	1	11/04/24 23:28	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	2.5	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-01-LC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-52	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-04-TLC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-53	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88579.D	1	11/04/24 23:53	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.80	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-04-TLC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-53	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-02-LC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-54	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88580.D	1	11/05/24 00:18	JW	n/a	n/a	V1O4118
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-02-LC	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-54	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-03-HMB	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-55	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88581.D	1	11/05/24 00:44	JW	n/a	n/a	V1O4118
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK) ^a	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane ^b	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^b	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^b	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^a	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB) ^a	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.55	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-03-HMB	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-55	Date Received:	10/30/24
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

- (a) Associated CCV outside control limits low.
(b) Associated BS recovery outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-56	Date Received:	10/30/24
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1O88592.D	1	11/05/24 10:53	JW	n/a	n/a	V1O4119
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.78	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK	Date Sampled:	10/29/24
Lab Sample ID:	FC19974-56	Date Received:	10/30/24
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

- (a) Associated BS recovery outside control limits low.
(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



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Chain of Custody

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SKIFF FC19974

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes											
Company Name: <u>AFCOM</u>				Project Name: <u>RTX DeLavan</u>				<u>WLS 8260 TCL Unpreserved</u> <u>WLS 8260 TCL Preserved</u>												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid											
Address: <u>5405 Wade Park Blvd Suite 200</u>				Street: <u>4334 Main Hwy</u>																											
City: <u>Raleigh</u> State: <u>NC</u> Zip: <u>27607</u>				City: <u>Damberg</u> State: <u>SC</u>																											
Project Contact: <u>Conan Fitzgerald</u> Email: <u>conan.fitzgerald@afcom.com</u>				Project # <u>60130348-16</u>																											
Phone #: <u>919-349-5486</u>				Fax #																											
Sampler(s) Name(s) (Printed) Sampler 1: <u>J. Butler</u> Sampler 2: <u>Randy Morgan</u>				Client Purchase Order #																											
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	ICI	NIH	INC3	INC4	INC5	INC6	INC7	INC8	INC9	INC10	INC11	INC12	INC13	INC14	INC15	INC16	INC17	INC18	INC19	INC20	LAB USE ONLY		
1	MW-15	10/29/24	1110	JR/RM	GL	3			X																						
2	MW-15D		1120			3		X																							
3	MW-15D1		1130			3		X																							
4	MW-33D		1150			3		X																							
5	MW-37		1630			3			X																						
6	MW-19		1645			3			X																						
7	MW-20		1700			3			X																						
8	MW-36D	10/29/24	0825			3		X																							
9	MW-11		0840			3			X																						
10	MW-10		0845			3			X																						
11	MW-10D		0855			3		X																							
12	MW-9D		0905			3		X																							
Turnaround Time (Business days)				Data Deliverable Information												Comments / Remarks															
10 Day (Business) Approved By: / Date:				☐ COMMERCIAL "A" (RESULTS ONLY)												INITIAL ASSESSMENT <u>ZB</u> LABEL VERIFICATION <u>TH</u>															
7 Day				☐ COMMERCIAL "B" (RESULTS PLUS QC)																											
5 Day				☐ REDT1 (EPA LEVEL 3)																											
3 Day RUSH				☐ FULLT1 (EPA LEVEL 4)																											
2 Day RUSH				☐ EDD'S																											
1 Day RUSH																															
Other																															
Rush T/A Data Available VIA Email or Lablink																															
Sample Custody must be documented below each time samples change possession, including courier delivery.																															
Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:
1 <u>CHANDLER AFCOM</u>	10/29/24 1745	2 <u>JR/RM</u>	10/30/24 0930	3				4				5				6				7				8				9			
Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Date Time:
5		6		7				8				9				10				11				12				13			
Lab Use Only: Cooler Temperature (s) Celsius (corrected): <u>3.8</u> <u>IR-41</u>																															

4.2

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Client / Reporting Information				Project Information				Analytical Information												Matrix Codes	
Company Name: ATCOM				Project Name: RTX Delavan				1035 8260 TOL Unpreserved 1035 8260 TOL preserved 1035 8260 TOL Unpreserved 1035 8260 TOL preserved												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid	
Address: 5435 Wade Park Blvd Suite 200				Street: 4334 Main Hwy																	
City: Raleigh State: NC Zip: 27607				City: Bamberg SC State:																	
Project Contact: Conan Fitzgerald Email: conan.fitzgerald@atcom.com				Project # 60730348.16																	
Phone #: (919) 349-5786				Fax #																	
Sampler(s) Name(s) (Printed) Sampler 1: J. Butler Sampler 2: R. Morgan				Client Purchase Order #																	
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	PC	NACH	PHOS	PSS04	MACH-ZNA	DI WATER	MESH	LAB USE ONLY					
13	MW-9	10/19/14	0915	JB/KM	GL	3			X							X					
13	MW-7-MS		0915			3			X							X					
13	MW-9-MSD		0915			3			X							X					
14	MW-18		0915			3			X							X					
15	MW-17		0935			3			X							X					
16	MW-4		0940			3			X							X					
17	MW-13D		0950			3		X							X						
18	MW-12D		1000			3		X							X						
19	MW-28		1005			3		X								X					
20	MW-19		1010			3		X								X					
21	MW-29		1020			3		X								X					
22	MW-16	✓	1030	✓	✓	3		X								X					
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks													
10 Day (Business) Approved By: / Date: _____ 7 Day _____ 5 Day _____ 3 Day RUSH _____ 2 Day RUSH _____ 1 Day RUSH _____ Other _____ Rush T/A Data Available VIA Email or Lablink				☐ COMMERCIAL "A" (RESULTS ONLY) ☐ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULLT1 (EPA LEVEL 4) ☐ EDD'S				Raleigh, NC Service Center													
Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished by Sampler/Affiliation		Date Time:		Received By/Affiliation		Date Time:		Relinquished By/Affiliation		Date Time:		Received By/Affiliation		Date Time:		Received By/Affiliation					
1 Conan Fitzgerald		10/19/14 1745		2 JB/KM		10/20/14 930		3				4				5					
5				6				7				8				9					

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

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FC19974: Chain of Custody

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Client / Reporting Information				Project Information				Analytical Information												Matrix Codes									
Company Name: AECOM				Project Name: RTX Delgran				VOCs 826w TCL Impressed VOCs 826w TCL preserved												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid									
Address: 5438 Wade Park Blvd				Street: 4334 Main Hwy																									
City: Raleigh State: NC Zip: 27607				City: Bamberg State: SC																									
Project Contact: Conan Fitzgerald Email: conan.fitzgerald@aecom.com				Project # 60730348.16																									
Phone #: 919-349-5486				Fax #																									
Sampler(s) Name(s) (Printed) Sampler 1: Justin Butler Sampler 2: Randy Mangan				Client Purchase Order #																									
COLLECTION																		CONTAINER INFORMATION											
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	IC	NOH	PHOS	PHOS4	MOH-ZNA	DI WATER	MEDH	LAB USE ONLY													
23	MW-160	10/29/24	1035	JB/RM	GW	3		X								X													
24	MW-340		1050			3		X								X													
25	MW-350		1100			3		X								X													
26	MW-320		1120			3		X								X													
27	MW-320-a		1120			3		X								X													
28	MW-260		1130			3		X								X													
29	MW-320R		1140			3		X								X													
30	MW-320R-a		1140			3		X								X													
31	MW-250		1150			3		X								X													
32	MW-310		1200			3		X								X													
33	MW-300		1210			3		X								X													
33	MW-300-N		1210			3		X								X													
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks																					
10 Day (Business) Approved By: / Date:				☐ COMMERCIAL "A" (RESULTS ONLY)				Raleigh, NC Service Center																					
7 Day				☐ COMMERCIAL "B" (RESULTS PLUS QC)																									
5 Day				☐ REDT1 (EPA LEVEL 3)																									
3 Day RUSH				☐ FULLT1 (EPA LEVEL 4)																									
2 Day RUSH				☐ EDD'S																									
1 Day RUSH																													
Other																													
Rush T/A Data Available VIA Email or Lablink																													
Sample Custody must be documented below each time samples change possession, including courier delivery.																													
Relinquished by Sampler/Affiliation		Date Time:		Received By/Affiliation		Date Time:		Relinquished By/Affiliation		Date Time:		Received By/Affiliation		Date Time:		Received By/Affiliation													
1 Justin Butler AECOM		10/29/24 1745		2 JB 10/30/24		930		3				4																	
5				6				7				8																	

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

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SKIFF #

FC19974

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes	
Company Name: AECOM				Project Name: RTX Delavan				WCS 82W TCL - unpreserved WCS 82W TCL - preserved												DW - Drinking Water	
Address: 5438 Wade Park Blvd Suite 200				Street: 4334 Main Hwy																GW - Ground Water	
City: Raleigh State: NC Zip: 27609				City: Bamberg State: SC																WW - Water	
Project Contact: Conan Fitzgerald Email: conan.fitzgerald@aecom.com				Project # 60730348-13																SW - Surface Water	
Phone #: 919-349-5456				Fax #																SO - Soil	
Sampler(s) Name(s) (Printed)				Client Purchase Order #																SL - Sludge	
Sampler 1:				Sampler 2:																OI - Oil	
COLLECTION				CONTAINER INFORMATION												LIQ - Other Liquid					
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	ICI	NGH	INO3	INOS4	MDH-2NA	DI WATER	MEOH	LAB USE ONLY					
33	MW-30D-MSD	10/29/24	1210	JB/AM	GW	3		X								X					
34	MW-14		1230			3			X							X					
35	MW-1412		1240			3		X								X					
36	MW-14D-a		1240			3		X								X					
37	MW-23D		1250			3		X								X					
38	MW-7		1300			3			X							X					
39	MW-3		1310			3			X							X					
40	MW-3D		1315			3		X								X					
41	MW-3D1		1320			3		X								X					
42	MW-21D		1330			3		X								X					
43	MW-2		1335			3			X							X					
44	MW-21		1340			3			X							X					
Turnaround Time (Business days)				Data Deliverable Information												Comments / Remarks					
10 Day (Business) Approved By: / Date:				☐ COMMERCIAL "A" (RESULTS ONLY)												Raleigh, NC Service Center					
7 Day				☐ COMMERCIAL "B" (RESULTS PLUS QC)																	
5 Day				☐ REDT1 (EPA LEVEL 3)																	
3 Day RUSH				☐ FULLT1 (EPA LEVEL 4)																	
2 Day RUSH				☐ EDD'S																	
1 Day RUSH																					
Other																					
Rush T/A Data Available VIA Email or Lablink																					
Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation		Relinquished By/Affiliation	Date Time:	Received By/Affiliation															
1 Conan Fitzgerald AECOM	10/29/24 1245	2 JB/AM	10/30/24 930	3		4															
Relinquished by/Affiliation	Date Time:	Received By/Affiliation		Relinquished By/Affiliation	Date Time:	Received By/Affiliation															
5		6		7		8															
Lab Use Only : Cooler Temperature (s) Celsius (corrected):				http://www.sgs.com/en/terms-and-conditions																	

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FC19974: Chain of Custody

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FC19974

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes
Company Name: AECOM				Project Name: RTX Delavan				Preserved 7/16/08 Preserved 7/16/08												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid
Address: 5438 Wade Park Blvd Suite 200				Street: 4334 Main Hwy																
City: Raleigh State: NC Zip: 27607				City: Bumpers SC State: SC																
Project Contact: Conan Fitzgerald Email: conan.fitzgerald@aecom.com				Project # 60730348.16																
Phone #: 919-349-5486				Fax #																
Sampler(s) Name(s) (Printed)				Client Purchase Order #																
Sampler 1:				Sampler 2:																
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	IC	NaOH	HNO3	H2SO4	MCH2NA	DI WATER	MEOH	LAB USE ONLY				
45	MW-1	10/29/04	1345	JG/RM	GW	3			X							X				
46	MW-8		1350			3			X							X				
47	MW-6		1355			3			X							X				
48	MW-5		1400			3			X							X				
49	MW-34		1410			3			X							X				
50	MW-24-a		1410			3			X							X				
51	SW-05-LC		1450		SW	3			X							X				
52	SW-01-LC		1510			3			X							X				
53	SW-04-TLL		1525			3			X							X				
54	SW-02-LC		1550			3			X							X				
55	SW-03-HMB	✓	1605	✓	✓	3			X							X				
56	TRIP BLANK					2			X							X				
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks												
10 Day (Business) Approved By: / Date: _____ 7 Day _____ 5 Day _____ 3 Day RUSH _____ 2 Day RUSH _____ 1 Day RUSH _____ Other _____				☐ COMMERCIAL "A" (RESULTS ONLY) ☐ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULLT1 (EPA LEVEL 4) ☐ EDD'S				Service Center Raleigh, NC												
Rush T/A Data Available VIA Email or Lablink																				
Relinquished by Sampler/Affiliation		Date Time:		Received By/Affiliation		Date Time:		Relinquished By/Affiliation		Date Time:		Received By/Affiliation								
1 Conan Fitzgerald AECOM		10/29/04 174		2 JSR		10/30/04 930		3				4								
5				6				7				8								

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

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FC19974: Chain of Custody

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SGS - Orlando Sample Receipt Summary

Job Number: fc19974

Client: AECOM

Project: RTX DELAVAN

Date / Time Received: 10/30/2024 9:30:00 AM

Delivery Method: FEDEX

Airbill #'s: 791520014532

Cooler Temps (Raw Measured) °C: Cooler 1: (3.8); Cooler 2: (4.2);

Cooler Temps (Corrected) °C: Cooler 1: (3.6); Cooler 2: (4.0);

Cooler Information

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐
3. Temp criteria achieved: ☒ ☐
4. Cooler temp verification: IR Gun
5. Cooler media: Ice (Bag)

Trip Blank Information

Y or N N/A

1. Trip Blank present / cooler: ☒ ☐ ☐
2. Trip Blank listed on COC: ☒ ☐ ☐

W or S N/A

3. Type of TB Received: ☒ ☐ ☐

Sample Information

Y or N N/A

1. Sample labels present on bottles: ☒ ☐
2. Samples presented properly: ☒ ☐
3. Sufficient volume/containers recv'd for analysis: ☒ ☐
4. Condition of sample: Intact
5. Sample recv'd within HT: ☒ ☐
6. Dates/Times/IDs on COC match sample label: ☐ ☐
7. VOCs have headspace: ☐ ☒ ☐
8. Bottles received for unspecified tests: ☐ ☒ ☐
9. Compositing instructions clear: ☐ ☐ ☒
10. Voa Soil Kits/Jars received past 48hrs?: ☐ ☐ ☐
11. % Solids Jar Received?: ☐ ☐ ☐
12. Residual Chlorine Present?: ☐ ☐ ☐

Misc Information

Number of Encores: 25 Gram 5 Gram

Number of Lab Filtered Metals:

Test Strip Lot #: pH 0-3: 226422

pH 10-12: Other: (Specify) pH 1.0 - 12.0 222221

Residual Chlorine Test Strip Lot #

Comments

Sample Receipt Summary 112723 EK Technician: ZANEB

Date: 10/30/2024 2:32:00 PM

Reviewer: Date:

FC19974: Chain of Custody

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MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B39-MB ^a	3B000923.D	1	10/31/24	NMC	n/a	n/a	V3B39

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-2, FC19974-3, FC19974-4, FC19974-8, FC19974-11, FC19974-12, FC19974-17, FC19974-18, FC19974-23, FC19974-24, FC19974-25, FC19974-26, FC19974-27, FC19974-28

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B39-MB ^a	3B000923.D	1	10/31/24	NMC	n/a	n/a	V3B39

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-2, FC19974-3, FC19974-4, FC19974-8, FC19974-11, FC19974-12, FC19974-17, FC19974-18, FC19974-23, FC19974-24, FC19974-25, FC19974-26, FC19974-27, FC19974-28

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 83-118%
17060-07-0	1,2-Dichloroethane-D4	104% 79-125%
2037-26-5	Toluene-D8	96% 85-112%
460-00-4	4-Bromofluorobenzene	105% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104114-MB ^a	1088454.D	1	10/31/24	JW	n/a	n/a	V104114

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-29, FC19974-30, FC19974-31, FC19974-32, FC19974-33, FC19974-35, FC19974-36, FC19974-37, FC19974-40, FC19974-41, FC19974-42

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104114-MB ^a	1088454.D	1	10/31/24	JW	n/a	n/a	V104114

The QC reported here applies to the following samples: Method: SW846 8260D

FC19974-29, FC19974-30, FC19974-31, FC19974-32, FC19974-33, FC19974-35, FC19974-36, FC19974-37, FC19974-40, FC19974-41, FC19974-42

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	105% 83-118%
17060-07-0	1,2-Dichloroethane-D4	90% 79-125%
2037-26-5	Toluene-D8	96% 85-112%
460-00-4	4-Bromofluorobenzene	102% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3404-MB ^a	I767696.D	1	11/03/24	JW	n/a	n/a	VI3404

The QC reported here applies to the following samples: Method: SW846 8260D
FC19974-31, FC19974-40

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 83-118%
17060-07-0	1,2-Dichloroethane-D4	93% 79-125%
2037-26-5	Toluene-D8	99% 85-112%
460-00-4	4-Bromofluorobenzene	95% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B41-MB ^a	3B000978.D	1	11/04/24	JW	n/a	n/a	V3B41

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-1, FC19974-7, FC19974-9, FC19974-10, FC19974-13, FC19974-14, FC19974-15, FC19974-16

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B41-MB ^a	3B000978.D	1	11/04/24	JW	n/a	n/a	V3B41

The QC reported here applies to the following samples: Method: SW846 8260D

FC19974-1, FC19974-7, FC19974-9, FC19974-10, FC19974-13, FC19974-14, FC19974-15, FC19974-16

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	94% 83-118%
17060-07-0	1,2-Dichloroethane-D4	102% 79-125%
2037-26-5	Toluene-D8	98% 85-112%
460-00-4	4-Bromofluorobenzene	105% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104118-MB	1088560.D	1	11/04/24	JW	n/a	n/a	V104118

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-19, FC19974-20, FC19974-21, FC19974-22, FC19974-34, FC19974-38, FC19974-39, FC19974-43, FC19974-44, FC19974-45, FC19974-46, FC19974-47, FC19974-48, FC19974-49, FC19974-50, FC19974-51, FC19974-52, FC19974-53, FC19974-54, FC19974-55

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104118-MB	1088560.D	1	11/04/24	JW	n/a	n/a	V104118

The QC reported here applies to the following samples: Method: SW846 8260D

FC19974-19, FC19974-20, FC19974-21, FC19974-22, FC19974-34, FC19974-38, FC19974-39, FC19974-43, FC19974-44, FC19974-45, FC19974-46, FC19974-47, FC19974-48, FC19974-49, FC19974-50, FC19974-51, FC19974-52, FC19974-53, FC19974-54, FC19974-55

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100% 83-118%
17060-07-0	1,2-Dichloroethane-D4	89% 79-125%
2037-26-5	Toluene-D8	97% 85-112%
460-00-4	4-Bromofluorobenzene	100% 83-118%

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104119-MB ^a	1088587.D	1	11/05/24	JW	n/a	n/a	V104119

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-56

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104119-MB ^a	1088587.D	1	11/05/24	JW	n/a	n/a	V104119

The QC reported here applies to the following samples: Method: SW846 8260D

FC19974-56

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	102% 83-118%
17060-07-0	1,2-Dichloroethane-D4	90% 79-125%
2037-26-5	Toluene-D8	98% 85-112%
460-00-4	4-Bromofluorobenzene	99% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E2159-MB ^a	5E48495.D	1	11/05/24	JW	n/a	n/a	V5E2159

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-10, FC19974-14, FC19974-15, FC19974-44

CAS No.	Compound	Result	RL	MDL	Units	Q
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100% 83-118%
17060-07-0	1,2-Dichloroethane-D4	109% 79-125%
2037-26-5	Toluene-D8	106% 85-112%
460-00-4	4-Bromofluorobenzene	106% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2032-MB ^a	2A60425.D	1	11/06/24	JW	n/a	n/a	V2A2032

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-5, FC19974-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2032-MB ^a	2A60425.D	1	11/06/24	JW	n/a	n/a	V2A2032

The QC reported here applies to the following samples: Method: SW846 8260D
FC19974-5, FC19974-6

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 83-118%
17060-07-0	1,2-Dichloroethane-D4	100% 79-125%
2037-26-5	Toluene-D8	96% 85-112%
460-00-4	4-Bromofluorobenzene	100% 83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide	.94	12	ug/l	JN
	Total TIC, Volatile		0	ug/l	

(a) Sample was treated with an anti-foaming agent.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B39-B5	3B000921.D	1	10/31/24	NMC	n/a	n/a	V3B39

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-2, FC19974-3, FC19974-4, FC19974-8, FC19974-11, FC19974-12, FC19974-17, FC19974-18, FC19974-23, FC19974-24, FC19974-25, FC19974-26, FC19974-27, FC19974-28

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	159	127	50-147
71-43-2	Benzene	25	27.8	111	81-122
75-27-4	Bromodichloromethane	25	27.3	109	79-123
75-25-2	Bromoform	25	26.3	105	66-123
78-93-3	2-Butanone (MEK)	125	153	122	56-143
75-15-0	Carbon Disulfide	25	26.1	104	66-148
56-23-5	Carbon Tetrachloride	25	27.0	108	76-136
108-90-7	Chlorobenzene	25	25.6	102	82-124
75-00-3	Chloroethane	25	30.9	124	62-144
67-66-3	Chloroform	25	27.0	108	80-124
124-48-1	Dibromochloromethane	25	27.0	108	78-122
75-34-3	1,1-Dichloroethane	25	28.1	112	81-122
107-06-2	1,2-Dichloroethane	25	27.8	111	75-125
75-35-4	1,1-Dichloroethylene	25	27.5	110	78-137
156-59-2	cis-1,2-Dichloroethylene	25	26.9	108	78-120
156-60-5	trans-1,2-Dichloroethylene	25	28.4	114	76-127
78-87-5	1,2-Dichloropropane	25	28.6	114	76-124
10061-01-5	cis-1,3-Dichloropropene	25	27.9	112	75-118
10061-02-6	trans-1,3-Dichloropropene	25	26.4	106	80-120
100-41-4	Ethylbenzene	25	25.8	103	81-121
591-78-6	2-Hexanone	125	152	122	61-129
74-83-9	Methyl Bromide	25	38.2	153*	59-143
74-87-3	Methyl Chloride	25	27.0	108	50-159
75-09-2	Methylene Chloride	25	30.1	120	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	146	117	66-122
100-42-5	Styrene	25	26.1	104	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	29.8	119	72-120
127-18-4	Tetrachloroethylene	25	24.3	97	76-135
108-88-3	Toluene	25	26.1	104	80-120
71-55-6	1,1,1-Trichloroethane	25	26.6	106	75-130
79-00-5	1,1,2-Trichloroethane	25	27.4	110	76-119
79-01-6	Trichloroethylene	25	27.4	110	81-126
75-01-4	Vinyl Chloride	25	27.5	110	69-159
1330-20-7	Xylene (total)	75	76.7	102	80-126

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B39-BS	3B000921.D	1	10/31/24	NMC	n/a	n/a	V3B39

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-2, FC19974-3, FC19974-4, FC19974-8, FC19974-11, FC19974-12, FC19974-17, FC19974-18, FC19974-23, FC19974-24, FC19974-25, FC19974-26, FC19974-27, FC19974-28

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104114-BS	1088452.D	1	10/31/24	JW	n/a	n/a	V104114

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-29, FC19974-30, FC19974-31, FC19974-32, FC19974-33, FC19974-35, FC19974-36, FC19974-37, FC19974-40, FC19974-41, FC19974-42

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	116	93	50-147
71-43-2	Benzene	25	24.8	99	81-122
75-27-4	Bromodichloromethane	25	29.3	117	79-123
75-25-2	Bromoform	25	38.6	154*	66-123
78-93-3	2-Butanone (MEK)	125	98.4	79	56-143
75-15-0	Carbon Disulfide	25	25.0	100	66-148
56-23-5	Carbon Tetrachloride	25	34.4	138*	76-136
108-90-7	Chlorobenzene	25	25.0	100	82-124
75-00-3	Chloroethane	25	18.3	73	62-144
67-66-3	Chloroform	25	25.5	102	80-124
124-48-1	Dibromochloromethane	25	33.5	134*	78-122
75-34-3	1,1-Dichloroethane	25	23.5	94	81-122
107-06-2	1,2-Dichloroethane	25	24.2	97	75-125
75-35-4	1,1-Dichloroethylene	25	23.5	94	78-137
156-59-2	cis-1,2-Dichloroethylene	25	25.3	101	78-120
156-60-5	trans-1,2-Dichloroethylene	25	23.6	94	76-127
78-87-5	1,2-Dichloropropane	25	24.1	96	76-124
10061-01-5	cis-1,3-Dichloropropene	25	25.5	102	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.3	89	80-120
100-41-4	Ethylbenzene	25	24.2	97	81-121
591-78-6	2-Hexanone	125	110	88	61-129
74-83-9	Methyl Bromide	25	18.5	74	59-143
74-87-3	Methyl Chloride	25	18.0	72	50-159
75-09-2	Methylene Chloride	25	29.3	117	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	104	83	66-122
100-42-5	Styrene	25	26.5	106	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	24.0	96	72-120
127-18-4	Tetrachloroethylene	25	27.7	111	76-135
108-88-3	Toluene	25	24.2	97	80-120
71-55-6	1,1,1-Trichloroethane	25	27.0	108	75-130
79-00-5	1,1,2-Trichloroethane	25	25.1	100	76-119
79-01-6	Trichloroethylene	25	25.9	104	81-126
75-01-4	Vinyl Chloride	25	19.9	80	69-159
1330-20-7	Xylene (total)	75	73.7	98	80-126

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104114-BS	1088452.D	1	10/31/24	JW	n/a	n/a	V104114

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-29, FC19974-30, FC19974-31, FC19974-32, FC19974-33, FC19974-35, FC19974-36, FC19974-37, FC19974-40, FC19974-41, FC19974-42

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	88%	79-125%
2037-26-5	Toluene-D8	94%	85-112%
460-00-4	4-Bromofluorobenzene	96%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3404-BS	I767694.D	1	11/03/24	JW	n/a	n/a	VI3404

The QC reported here applies to the following samples: Method: SW846 8260D
FC19974-31, FC19974-40

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
127-18-4	Tetrachloroethylene	25	24.6	98	76-135

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	96%	83-118%

* = Outside of Control Limits.

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B41-BS	3B000976.D	1	11/04/24	JW	n/a	n/a	V3B41

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-1, FC19974-7, FC19974-9, FC19974-10, FC19974-13, FC19974-14, FC19974-15, FC19974-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	146	117	50-147
71-43-2	Benzene	25	23.8	95	81-122
75-27-4	Bromodichloromethane	25	22.5	90	79-123
75-25-2	Bromoform	25	23.1	92	66-123
78-93-3	2-Butanone (MEK)	125	145	116	56-143
75-15-0	Carbon Disulfide	25	23.7	95	66-148
56-23-5	Carbon Tetrachloride	25	22.5	90	76-136
108-90-7	Chlorobenzene	25	22.5	90	82-124
75-00-3	Chloroethane	25	21.5	86	62-144
67-66-3	Chloroform	25	22.6	90	80-124
124-48-1	Dibromochloromethane	25	23.9	96	78-122
75-34-3	1,1-Dichloroethane	25	23.5	94	81-122
107-06-2	1,2-Dichloroethane	25	23.0	92	75-125
75-35-4	1,1-Dichloroethylene	25	22.7	91	78-137
156-59-2	cis-1,2-Dichloroethylene	25	22.1	88	78-120
156-60-5	trans-1,2-Dichloroethylene	25	24.2	97	76-127
78-87-5	1,2-Dichloropropane	25	24.0	96	76-124
10061-01-5	cis-1,3-Dichloropropene	25	23.4	94	75-118
10061-02-6	trans-1,3-Dichloropropene	25	23.6	94	80-120
100-41-4	Ethylbenzene	25	22.8	91	81-121
591-78-6	2-Hexanone	125	150	120	61-129
74-83-9	Methyl Bromide	25	32.3	129	59-143
74-87-3	Methyl Chloride	25	22.2	89	50-159
75-09-2	Methylene Chloride	25	25.7	103	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	146	117	66-122
100-42-5	Styrene	25	22.5	90	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	27.9	112	72-120
127-18-4	Tetrachloroethylene	25	21.3	85	76-135
108-88-3	Toluene	25	23.5	94	80-120
71-55-6	1,1,1-Trichloroethane	25	22.4	90	75-130
79-00-5	1,1,2-Trichloroethane	25	24.4	98	76-119
79-01-6	Trichloroethylene	25	23.6	94	81-126
75-01-4	Vinyl Chloride	25	22.6	90	69-159
1330-20-7	Xylene (total)	75	67.3	90	80-126

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B41-BS	3B000976.D	1	11/04/24	JW	n/a	n/a	V3B41

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-1, FC19974-7, FC19974-9, FC19974-10, FC19974-13, FC19974-14, FC19974-15, FC19974-16

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

* = Outside of Control Limits.

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104118-BS	1088556.D	1	11/04/24	JW	n/a	n/a	V104118

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-19, FC19974-20, FC19974-21, FC19974-22, FC19974-34, FC19974-38, FC19974-39, FC19974-43, FC19974-44, FC19974-45, FC19974-46, FC19974-47, FC19974-48, FC19974-49, FC19974-50, FC19974-51, FC19974-52, FC19974-53, FC19974-54, FC19974-55

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	96.7	77	50-147
71-43-2	Benzene	25	21.1	84	81-122
75-27-4	Bromodichloromethane	25	21.2	85	79-123
75-25-2	Bromoform	25	22.2	89	66-123
78-93-3	2-Butanone (MEK)	125	89.5	72	56-143
75-15-0	Carbon Disulfide	25	22.2	89	66-148
56-23-5	Carbon Tetrachloride	25	20.9	84	76-136
108-90-7	Chlorobenzene	25	21.1	84	82-124
75-00-3	Chloroethane	25	20.5	82	62-144
67-66-3	Chloroform	25	21.7	87	80-124
124-48-1	Dibromochloromethane	25	22.2	89	78-122
75-34-3	1,1-Dichloroethane	25	19.9	80* a	81-122
107-06-2	1,2-Dichloroethane	25	20.8	83	75-125
75-35-4	1,1-Dichloroethylene	25	19.5	78	78-137
156-59-2	cis-1,2-Dichloroethylene	25	22.8	91	78-120
156-60-5	trans-1,2-Dichloroethylene	25	19.8	79	76-127
78-87-5	1,2-Dichloropropane	25	21.0	84	76-124
10061-01-5	cis-1,3-Dichloropropene	25	18.2	73* a	75-118
10061-02-6	trans-1,3-Dichloropropene	25	15.9	64* a	80-120
100-41-4	Ethylbenzene	25	20.4	82	81-121
591-78-6	2-Hexanone	125	101	81	61-129
74-83-9	Methyl Bromide	25	17.1	68	59-143
74-87-3	Methyl Chloride	25	17.6	70	50-159
75-09-2	Methylene Chloride	25	27.8	111	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	96.2	77	66-122
100-42-5	Styrene	25	22.0	88	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	19.9	80	72-120
127-18-4	Tetrachloroethylene	25	22.4	90	76-135
108-88-3	Toluene	25	20.1	80	80-120
71-55-6	1,1,1-Trichloroethane	25	20.5	82	75-130
79-00-5	1,1,2-Trichloroethane	25	21.4	86	76-119
79-01-6	Trichloroethylene	25	21.3	85	81-126
75-01-4	Vinyl Chloride	25	18.3	73	69-159
1330-20-7	Xylene (total)	75	62.5	83	80-126

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104118-BS	1088556.D	1	11/04/24	JW	n/a	n/a	V104118

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-19, FC19974-20, FC19974-21, FC19974-22, FC19974-34, FC19974-38, FC19974-39, FC19974-43, FC19974-44, FC19974-45, FC19974-46, FC19974-47, FC19974-48, FC19974-49, FC19974-50, FC19974-51, FC19974-52, FC19974-53, FC19974-54, FC19974-55

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	79-125%
2037-26-5	Toluene-D8	95%	85-112%
460-00-4	4-Bromofluorobenzene	96%	83-118%

(a) Sporadic marginal failure.

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104119-BS	1088585.D	1	11/05/24	JW	n/a	n/a	V104119

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-56

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	121	97	50-147
71-43-2	Benzene	25	24.4	98	81-122
75-27-4	Bromodichloromethane	25	25.7	103	79-123
75-25-2	Bromoform	25	27.4	110	66-123
78-93-3	2-Butanone (MEK)	125	106	85	56-143
75-15-0	Carbon Disulfide	25	25.8	103	66-148
56-23-5	Carbon Tetrachloride	25	24.7	99	76-136
108-90-7	Chlorobenzene	25	24.5	98	82-124
75-00-3	Chloroethane	25	20.6	82	62-144
67-66-3	Chloroform	25	24.8	99	80-124
124-48-1	Dibromochloromethane	25	27.0	108	78-122
75-34-3	1,1-Dichloroethane	25	23.4	94	81-122
107-06-2	1,2-Dichloroethane	25	23.8	95	75-125
75-35-4	1,1-Dichloroethylene	25	22.4	90	78-137
156-59-2	cis-1,2-Dichloroethylene	25	26.0	104	78-120
156-60-5	trans-1,2-Dichloroethylene	25	23.1	92	76-127
78-87-5	1,2-Dichloropropane	25	24.5	98	76-124
10061-01-5	cis-1,3-Dichloropropene	25	22.9	92	75-118
10061-02-6	trans-1,3-Dichloropropene	25	19.6	78* a	80-120
100-41-4	Ethylbenzene	25	23.2	93	81-121
591-78-6	2-Hexanone	125	114	91	61-129
74-83-9	Methyl Bromide	25	17.5	70	59-143
74-87-3	Methyl Chloride	25	19.1	76	50-159
75-09-2	Methylene Chloride	25	27.0	108	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	110	88	66-122
100-42-5	Styrene	25	25.4	102	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	23.2	93	72-120
127-18-4	Tetrachloroethylene	25	26.3	105	76-135
108-88-3	Toluene	25	23.2	93	80-120
71-55-6	1,1,1-Trichloroethane	25	23.9	96	75-130
79-00-5	1,1,2-Trichloroethane	25	24.6	98	76-119
79-01-6	Trichloroethylene	25	24.7	99	81-126
75-01-4	Vinyl Chloride	25	19.7	79	69-159
1330-20-7	Xylene (total)	75	71.8	96	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V104119-BS	1088585.D	1	11/05/24	JW	n/a	n/a	V104119

The QC reported here applies to the following samples: Method: SW846 8260D

FC19974-56

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	79-125%
2037-26-5	Toluene-D8	95%	85-112%
460-00-4	4-Bromofluorobenzene	92%	83-118%

(a) Sporadic marginal failure.

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E2159-BS	5E48492.D	1	11/05/24	JW	n/a	n/a	V5E2159

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-10, FC19974-14, FC19974-15, FC19974-44

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
75-35-4	1,1-Dichloroethylene	25	23.9	96	78-137
156-59-2	cis-1,2-Dichloroethylene	25	20.1	80	78-120
127-18-4	Tetrachloroethylene	25	20.9	84	76-135
79-01-6	Trichloroethylene	25	22.2	89	81-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	109%	79-125%
2037-26-5	Toluene-D8	105%	85-112%
460-00-4	4-Bromofluorobenzene	94%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2032-BS	2A60423.D	1	11/06/24	JW	n/a	n/a	V2A2032

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-5, FC19974-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	148	118	50-147
71-43-2	Benzene	25	26.8	107	81-122
75-27-4	Bromodichloromethane	25	25.3	101	79-123
75-25-2	Bromoform	25	23.3	93	66-123
78-93-3	2-Butanone (MEK)	125	140	112	56-143
75-15-0	Carbon Disulfide	25	26.1	104	66-148
56-23-5	Carbon Tetrachloride	25	26.9	108	76-136
108-90-7	Chlorobenzene	25	24.9	100	82-124
75-00-3	Chloroethane	25	23.9	96	62-144
67-66-3	Chloroform	25	25.1	100	80-124
124-48-1	Dibromochloromethane	25	24.5	98	78-122
75-34-3	1,1-Dichloroethane	25	25.0	100	81-122
107-06-2	1,2-Dichloroethane	25	26.2	105	75-125
75-35-4	1,1-Dichloroethylene	25	25.3	101	78-137
156-59-2	cis-1,2-Dichloroethylene	25	25.3	101	78-120
156-60-5	trans-1,2-Dichloroethylene	25	26.0	104	76-127
78-87-5	1,2-Dichloropropane	25	27.2	109	76-124
10061-01-5	cis-1,3-Dichloropropene	25	26.0	104	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.3	89	80-120
100-41-4	Ethylbenzene	25	24.6	98	81-121
591-78-6	2-Hexanone	125	150	120	61-129
74-83-9	Methyl Bromide	25	23.1	92	59-143
74-87-3	Methyl Chloride	25	21.1	84	50-159
75-09-2	Methylene Chloride	25	26.8	107	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	145	116	66-122
100-42-5	Styrene	25	23.6	94	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	27.6	110	72-120
127-18-4	Tetrachloroethylene	25	25.3	101	76-135
108-88-3	Toluene	25	25.7	103	80-120
71-55-6	1,1,1-Trichloroethane	25	26.1	104	75-130
79-00-5	1,1,2-Trichloroethane	25	25.8	103	76-119
79-01-6	Trichloroethylene	25	25.9	104	81-126
75-01-4	Vinyl Chloride	25	21.7	87	69-159
1330-20-7	Xylene (total)	75	74.8	100	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2032-BS	2A60423.D	1	11/06/24	JW	n/a	n/a	V2A2032

The QC reported here applies to the following samples: Method: SW846 8260D
FC19974-5, FC19974-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19837-14MS	3B000929.D	100	10/31/24	NMC	n/a	n/a	V3B39
FC19837-14MSD	3B000930.D	100	10/31/24	NMC	n/a	n/a	V3B39
FC19837-14	3B000926.D	100	10/31/24	NMC	n/a	n/a	V3B39
FC19837-14	3B000931.D	200	10/31/24	NMC	n/a	n/a	V3B39

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-2, FC19974-3, FC19974-4, FC19974-8, FC19974-11, FC19974-12, FC19974-17, FC19974-18, FC19974-23, FC19974-24, FC19974-25, FC19974-26, FC19974-27, FC19974-28

CAS No.	Compound	FC19837-14 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD	
67-64-1	Acetone	ND		12500	18100	145	12500	17600	141	3	50-147/21
71-43-2	Benzene	ND		2500	2830	113	2500	2700	108	5	81-122/14
75-27-4	Bromodichloromethane	ND		2500	2790	112	2500	2640	106	6	79-123/19
75-25-2	Bromoform	ND		2500	2640	106	2500	2600	104	2	66-123/21
78-93-3	2-Butanone (MEK)	ND		12500	17000	136	12500	17300	138	2	56-143/18
75-15-0	Carbon Disulfide	ND		2500	2690	108	2500	2530	101	6	66-148/23
56-23-5	Carbon Tetrachloride	ND		2500	2800	112	2500	2700	108	4	76-136/23
108-90-7	Chlorobenzene	45.7	J	2500	2630	103	2500	2540	100	3	82-124/14
75-00-3	Chloroethane	ND		2500	2990	120	2500	2790	112	7	62-144/20
67-66-3	Chloroform	ND		2500	2810	112	2500	2650	106	6	80-124/15
124-48-1	Dibromochloromethane	ND		2500	2690	108	2500	2670	107	1	78-122/19
75-34-3	1,1-Dichloroethane	303		2500	3200	116	2500	3070	111	4	81-122/15
107-06-2	1,2-Dichloroethane	ND		2500	2960	118	2500	2790	112	6	75-125/14
75-35-4	1,1-Dichloroethylene	1890		2500	4770	115	2500	4520	105	5	78-137/18
156-59-2	cis-1,2-Dichloroethylene	12900 ^a		2500	15900	120	2500	15200	92	5	78-120/15
156-60-5	trans-1,2-Dichloroethylene	22.0	J	2500	3020	120	2500	2830	112	6	76-127/17
78-87-5	1,2-Dichloropropane	ND		2500	2910	116	2500	2740	110	6	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND		2500	2760	110	2500	2650	106	4	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		2500	2600	104	2500	2550	102	2	80-120/22
100-41-4	Ethylbenzene	ND		2500	2630	105	2500	2540	102	3	81-121/14
591-78-6	2-Hexanone	ND		12500	17300	138*	12500	17400	139*	1	61-129/18
74-83-9	Methyl Bromide	ND		2500	3460	138	2500	3560	142	3	59-143/19
74-87-3	Methyl Chloride	ND		2500	2700	108	2500	2550	102	6	50-159/19
75-09-2	Methylene Chloride	ND		2500	3230	129	2500	3000	120	7	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		12500	16500	132*	12500	16400	131*	1	66-122/16
100-42-5	Styrene	ND		2500	2640	106	2500	2550	102	3	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND		2500	3120	125*	2500	3060	122*	2	72-120/14
127-18-4	Tetrachloroethylene	ND		2500	2370	95	2500	2280	91	4	76-135/16
108-88-3	Toluene	45.3	J	2500	2680	105	2500	2620	103	2	80-120/14
71-55-6	1,1,1-Trichloroethane	885		2500	3650	111	2500	3480	104	5	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		2500	2790	112	2500	2710	108	3	76-119/14
79-01-6	Trichloroethylene	6820		2500	9450	105	2500	9060	90	4	81-126/15
75-01-4	Vinyl Chloride	785		2500	3360	103	2500	3350	103	0	69-159/18
1330-20-7	Xylene (total)	ND		7500	7860	105	7500	7590	101	3	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19837-14MS	3B000929.D	100	10/31/24	NMC	n/a	n/a	V3B39
FC19837-14MSD	3B000930.D	100	10/31/24	NMC	n/a	n/a	V3B39
FC19837-14	3B000926.D	100	10/31/24	NMC	n/a	n/a	V3B39
FC19837-14	3B000931.D	200	10/31/24	NMC	n/a	n/a	V3B39

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-2, FC19974-3, FC19974-4, FC19974-8, FC19974-11, FC19974-12, FC19974-17, FC19974-18, FC19974-23, FC19974-24, FC19974-25, FC19974-26, FC19974-27, FC19974-28

CAS No.	Surrogate Recoveries	MS	MSD	FC19837-14	FC19837-14	Limits
1868-53-7	Dibromofluoromethane	104%	102%	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	107%	111%	109%	79-125%
2037-26-5	Toluene-D8	99%	99%	97%	97%	85-112%
460-00-4	4-Bromofluorobenzene	97%	99%	100%	99%	83-118%

(a) Result is from Run #2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19974-33MS	1O88476.D	1	10/31/24	JW	n/a	n/a	V1O4114
FC19974-33MSD	1O88477.D	1	10/31/24	JW	n/a	n/a	V1O4114
FC19974-33 ^a	1O88456.D	1	10/31/24	JW	n/a	n/a	V1O4114
FC19974-33 ^a	1O88475.D	5	10/31/24	JW	n/a	n/a	V1O4114

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-29, FC19974-30, FC19974-31, FC19974-32, FC19974-33, FC19974-35, FC19974-36, FC19974-37, FC19974-40, FC19974-41, FC19974-42

CAS No.	Compound	FC19974-33 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	100	80	125	100	0	50-147/21
71-43-2	Benzene	ND		25	24.0	96	25	23.7	1	81-122/14
75-27-4	Bromodichloromethane	ND		25	27.5	110	25	26.8	3	79-123/19
75-25-2	Bromoform	ND		25	33.4	134*	25	33.5	0	66-123/21
78-93-3	2-Butanone (MEK)	ND		125	85.7	69	125	86.3	1	56-143/18
75-15-0	Carbon Disulfide	ND		25	24.4	98	25	24.0	2	66-148/23
56-23-5	Carbon Tetrachloride	ND		25	31.9	128	25	31.5	1	76-136/23
108-90-7	Chlorobenzene	ND		25	23.8	95	25	23.8	0	82-124/14
75-00-3	Chloroethane	ND		25	35.9	144	25	31.2	14	62-144/20
67-66-3	Chloroform	ND		25	24.7	99	25	24.2	2	80-124/15
124-48-1	Dibromochloromethane	ND		25	30.1	120	25	30.5	1	78-122/19
75-34-3	1,1-Dichloroethane	ND		25	23.0	92	25	22.4	3	81-122/15
107-06-2	1,2-Dichloroethane	ND		25	23.2	93	25	22.8	2	75-125/14
75-35-4	1,1-Dichloroethylene	1.5		25	25.1	94	25	24.9	1	78-137/18
156-59-2	cis-1,2-Dichloroethylene	0.93	J	25	25.2	97	25	25.8	2	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND		25	22.7	91	25	22.9	1	76-127/17
78-87-5	1,2-Dichloropropane	ND		25	22.7	91	25	22.5	1	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND		25	22.2	89	25	22.2	0	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		25	18.3	73*	25	18.9	3	80-120/22
100-41-4	Ethylbenzene	ND		25	22.7	91	25	23.1	2	81-121/14
591-78-6	2-Hexanone	ND		125	97.3	78	125	99.2	2	61-129/18
74-83-9	Methyl Bromide	ND		25	16.2	65	25	17.4	7	59-143/19
74-87-3	Methyl Chloride	ND		25	18.7	75	25	18.6	1	50-159/19
75-09-2	Methylene Chloride	ND		25	22.8	91	25	22.5	1	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		125	91.8	73	125	94.7	3	66-122/16
100-42-5	Styrene	ND		25	24.5	98	25	24.7	1	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	22.0	88	25	22.4	2	72-120/14
127-18-4	Tetrachloroethylene	93.5 ^b		25	140	108	25	133	5	76-135/16
108-88-3	Toluene	ND		25	23.1	92	25	23.3	1	80-120/14
71-55-6	1,1,1-Trichloroethane	ND		25	25.9	104	25	25.4	2	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		25	23.3	93	25	23.4	0	76-119/14
79-01-6	Trichloroethylene	1.1		25	26.1	100	25	25.2	4	81-126/15
75-01-4	Vinyl Chloride	ND		25	20.4	82	25	20.5	0	69-159/18
1330-20-7	Xylene (total)	ND		75	69.0	92	75	69.9	1	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19974-33MS	1O88476.D	1	10/31/24	JW	n/a	n/a	V1O4114
FC19974-33MSD	1O88477.D	1	10/31/24	JW	n/a	n/a	V1O4114
FC19974-33 ^a	1O88456.D	1	10/31/24	JW	n/a	n/a	V1O4114
FC19974-33 ^a	1O88475.D	5	10/31/24	JW	n/a	n/a	V1O4114

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-29, FC19974-30, FC19974-31, FC19974-32, FC19974-33, FC19974-35, FC19974-36, FC19974-37, FC19974-40, FC19974-41, FC19974-42

CAS No.	Surrogate Recoveries	MS	MSD	FC19974-33	FC19974-33	Limits
1868-53-7	Dibromofluoromethane	106%	104%	106%	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	89%	92%	93%	79-125%
2037-26-5	Toluene-D8	94%	95%	97%	95%	85-112%
460-00-4	4-Bromofluorobenzene	93%	95%	95%	93%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Result is from Run #2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19902-15CMS	I767718.D	1	11/03/24	JW	n/a	n/a	VI3404
FC19902-15CMSD	I767719.D	1	11/03/24	JW	n/a	n/a	VI3404
FC19902-15C ^a	I767698.D	1	11/03/24	JW	n/a	n/a	VI3404

The QC reported here applies to the following samples: Method: SW846 8260D

FC19974-31, FC19974-40

CAS No.	Compound	FC19902-15CSpike ug/l	Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
127-18-4	Tetrachloroethylene	1.0 U	25	24.0	96	25	23.2	93	3	76-135/16

CAS No.	Surrogate Recoveries	MS	MSD	FC19902-15CLimits
1868-53-7	Dibromofluoromethane	100%	101%	95% 83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	97%	92% 79-125%
2037-26-5	Toluene-D8	101%	101%	100% 85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	94% 83-118%

(a) Sample re-analyzed due to failing ECC ISTD response.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19974-19MS	1O88557.D	5	11/04/24	JW	n/a	n/a	V104118
FC19974-19MSD	1O88558.D	5	11/04/24	JW	n/a	n/a	V104118
FC19974-19	1O88562.D	1	11/04/24	JW	n/a	n/a	V104118

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-19, FC19974-20, FC19974-21, FC19974-22, FC19974-34, FC19974-38, FC19974-39, FC19974-43, FC19974-44, FC19974-45, FC19974-46, FC19974-47, FC19974-48, FC19974-49, FC19974-50, FC19974-51, FC19974-52, FC19974-53, FC19974-54, FC19974-55

CAS No.	Compound	FC19974-19 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	625	554	89	625	507	81	9	50-147/21
71-43-2	Benzene	ND	125	120	96	125	112	90	7	81-122/14
75-27-4	Bromodichloromethane	ND	125	125	100	125	116	93	7	79-123/19
75-25-2	Bromoform	ND	125	131	105	125	122	98	7	66-123/21
78-93-3	2-Butanone (MEK)	ND	625	499	80	625	463	74	7	56-143/18
75-15-0	Carbon Disulfide	ND	125	124	99	125	114	91	8	66-148/23
56-23-5	Carbon Tetrachloride	ND	125	115	92	125	107	86	7	76-136/23
108-90-7	Chlorobenzene	ND	125	120	96	125	112	90	7	82-124/14
75-00-3	Chloroethane	ND	125	152	122	125	137	110	10	62-144/20
67-66-3	Chloroform	ND	125	124	99	125	113	90	9	80-124/15
124-48-1	Dibromochloromethane	ND	125	129	103	125	121	97	6	78-122/19
75-34-3	1,1-Dichloroethane	ND	125	116	93	125	105	84	10	81-122/15
107-06-2	1,2-Dichloroethane	ND	125	118	94	125	112	90	5	75-125/14
75-35-4	1,1-Dichloroethylene	ND	125	111	89	125	102	82	8	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND	125	126	101	125	115	92	9	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND	125	113	90	125	104	83	8	76-127/17
78-87-5	1,2-Dichloropropane	ND	125	121	97	125	110	88	10	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND	125	107	86	125	97.7	78	9	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND	125	94.1	75*	125	88.0	70*	7	80-120/22
100-41-4	Ethylbenzene	ND	125	116	93	125	106	85	9	81-121/14
591-78-6	2-Hexanone	ND	625	563	90	625	520	83	8	61-129/18
74-83-9	Methyl Bromide	ND	125	97.8	78	125	89.6	72	9	59-143/19
74-87-3	Methyl Chloride	ND	125	98.1	78	125	91.5	73	7	50-159/19
75-09-2	Methylene Chloride	ND	125	138	110	125	133	106	4	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	625	544	87	625	506	81	7	66-122/16
100-42-5	Styrene	ND	125	126	101	125	117	94	7	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND	125	117	94	125	107	86	9	72-120/14
127-18-4	Tetrachloroethylene	ND	125	124	99	125	117	94	6	76-135/16
108-88-3	Toluene	ND	125	116	93	125	107	86	8	80-120/14
71-55-6	1,1,1-Trichloroethane	ND	125	117	94	125	109	87	7	75-130/16
79-00-5	1,1,2-Trichloroethane	ND	125	120	96	125	113	90	6	76-119/14
79-01-6	Trichloroethylene	ND	125	122	98	125	112	90	9	81-126/15
75-01-4	Vinyl Chloride	ND	125	102	82	125	94.0	75	8	69-159/18
1330-20-7	Xylene (total)	ND	375	358	95	375	333	89	7	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19974-19MS	1O88557.D	5	11/04/24	JW	n/a	n/a	V1O4118
FC19974-19MSD	1O88558.D	5	11/04/24	JW	n/a	n/a	V1O4118
FC19974-19	1O88562.D	1	11/04/24	JW	n/a	n/a	V1O4118

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-19, FC19974-20, FC19974-21, FC19974-22, FC19974-34, FC19974-38, FC19974-39, FC19974-43, FC19974-44, FC19974-45, FC19974-46, FC19974-47, FC19974-48, FC19974-49, FC19974-50, FC19974-51, FC19974-52, FC19974-53, FC19974-54, FC19974-55

CAS No.	Surrogate Recoveries	MS	MSD	FC19974-19	Limits
1868-53-7	Dibromofluoromethane	102%	104%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	90%	90%	91%	79-125%
2037-26-5	Toluene-D8	95%	94%	95%	85-112%
460-00-4	4-Bromofluorobenzene	94%	94%	95%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19974-13MS	3B001000.D	1	11/04/24	JW	n/a	n/a	V3B41
FC19974-13MSD	3B001001.D	1	11/04/24	JW	n/a	n/a	V3B41
FC19974-13	3B000980.D	1	11/04/24	JW	n/a	n/a	V3B41

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-1, FC19974-7, FC19974-9, FC19974-10, FC19974-13, FC19974-14, FC19974-15, FC19974-16

CAS No.	Compound	FC19974-13 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	125	150	120	125	142	114	5	50-147/21
71-43-2	Benzene	ND	25	25.5	102	25	24.5	98	4	81-122/14
75-27-4	Bromodichloromethane	ND	25	24.3	97	25	23.5	94	3	79-123/19
75-25-2	Bromoform	ND	25	22.4	90	25	21.5	86	4	66-123/21
78-93-3	2-Butanone (MEK)	ND	125	148	118	125	142	114	4	56-143/18
75-15-0	Carbon Disulfide	ND	25	25.3	101	25	24.5	98	3	66-148/23
56-23-5	Carbon Tetrachloride	ND	25	24.9	100	25	24.0	96	4	76-136/23
108-90-7	Chlorobenzene	ND	25	22.7	91	25	22.0	88	3	82-124/14
75-00-3	Chloroethane	ND	25	34.0	136	25	33.3	133	2	62-144/20
67-66-3	Chloroform	ND	25	24.5	98	25	23.6	94	4	80-124/15
124-48-1	Dibromochloromethane	ND	25	23.4	94	25	23.2	93	1	78-122/19
75-34-3	1,1-Dichloroethane	ND	25	25.7	103	25	24.7	99	4	81-122/15
107-06-2	1,2-Dichloroethane	ND	25	25.8	103	25	24.9	100	4	75-125/14
75-35-4	1,1-Dichloroethylene	ND	25	24.7	99	25	24.5	98	1	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1.7	25	24.7	92	25	24.4	91	1	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND	25	26.2	105	25	25.3	101	3	76-127/17
78-87-5	1,2-Dichloropropane	ND	25	26.0	104	25	25.1	100	4	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND	25	23.5	94	25	22.8	91	3	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND	25	22.8	91	25	22.4	90	2	80-120/22
100-41-4	Ethylbenzene	ND	25	23.5	94	25	22.5	90	4	81-121/14
591-78-6	2-Hexanone	ND	125	153	122	125	152	122	1	61-129/18
74-83-9	Methyl Bromide	ND	25	22.7	91	25	24.9	100	9	59-143/19
74-87-3	Methyl Chloride	ND	25	23.9	96	25	28.4	114	17	50-159/19
75-09-2	Methylene Chloride	ND	25	27.2	109	25	26.0	104	5	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	152	122	125	144	115	5	66-122/16
100-42-5	Styrene	ND	25	22.2	89	25	21.0	84	6	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	27.9	112	25	27.6	110	1	72-120/14
127-18-4	Tetrachloroethylene	87.2	25	108	83	25	104	67* a	4	76-135/16
108-88-3	Toluene	ND	25	24.1	96	25	23.2	93	4	80-120/14
71-55-6	1,1,1-Trichloroethane	ND	25	24.9	100	25	23.9	96	4	75-130/16
79-00-5	1,1,2-Trichloroethane	ND	25	25.2	101	25	24.5	98	3	76-119/14
79-01-6	Trichloroethylene	34.9	25	59.5	98	25	57.1	89	4	81-126/15
75-01-4	Vinyl Chloride	ND	25	24.6	98	25	26.0	104	6	69-159/18
1330-20-7	Xylene (total)	ND	75	69.0	92	75	66.4	89	4	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19974-13MS	3B001000.D	1	11/04/24	JW	n/a	n/a	V3B41
FC19974-13MSD	3B001001.D	1	11/04/24	JW	n/a	n/a	V3B41
FC19974-13	3B000980.D	1	11/04/24	JW	n/a	n/a	V3B41

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-1, FC19974-7, FC19974-9, FC19974-10, FC19974-13, FC19974-14, FC19974-15, FC19974-16

CAS No.	Surrogate Recoveries	MS	MSD	FC19974-13	Limits
1868-53-7	Dibromofluoromethane	99%	98%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	114%	112%	109%	79-125%
2037-26-5	Toluene-D8	99%	99%	97%	85-112%
460-00-4	4-Bromofluorobenzene	98%	101%	101%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC19974-10MS	5E48511.D	25	11/05/24	JW	n/a	n/a	V5E2159
FC19974-10MSD	5E48512.D	25	11/05/24	JW	n/a	n/a	V5E2159
FC19974-10	5E48497.D	25	11/05/24	JW	n/a	n/a	V5E2159

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-10, FC19974-14, FC19974-15, FC19974-44

CAS No.	Compound	FC19974-10 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
75-35-4	1,1-Dichloroethylene	127	625	741	98	625	714	94	4	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1970	625	2470	80	625	2420	72* a	2	78-120/15
127-18-4	Tetrachloroethylene	142	625	676	85	625	633	79	7	76-135/16
79-01-6	Trichloroethylene	182	625	739	89	625	710	84	4	81-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FC19974-10	Limits
1868-53-7	Dibromofluoromethane	96%	95%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	113%	109%	79-125%
2037-26-5	Toluene-D8	105%	104%	107%	85-112%
460-00-4	4-Bromofluorobenzene	93%	94%	100%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC20105-6MS	1O88609.D	10	11/05/24	JW	n/a	n/a	V104119
FC20105-6MSD	1O88610.D	10	11/05/24	JW	n/a	n/a	V104119
FC20105-6	1O88590.D	10	11/05/24	JW	n/a	n/a	V104119

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-56

CAS No.	Compound	FC20105-6 ug/l	Spike Q	ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	250 U		1250	1010	81	1250	1020	82	1	50-147/21
71-43-2	Benzene	10 U		250	237	95	250	224	90	6	81-122/14
75-27-4	Bromodichloromethane	10 U		250	243	97	250	235	94	3	79-123/19
75-25-2	Bromodiform	10 U		250	264	106	250	247	99	7	66-123/21
78-93-3	2-Butanone (MEK)	50 U		1250	924	74	1250	918	73	1	56-143/18
75-15-0	Carbon Disulfide	20 U		250	247	99	250	234	94	5	66-148/23
56-23-5	Carbon Tetrachloride	10 U		250	236	94	250	223	89	6	76-136/23
108-90-7	Chlorobenzene	10 U		250	236	94	250	222	89	6	82-124/14
75-00-3	Chloroethane	20 U		250	342	137	250	286	114	18	62-144/20
67-66-3	Chloroform	10 U		250	242	97	250	229	92	6	80-124/15
124-48-1	Dibromochloromethane	10 U		250	259	104	250	239	96	8	78-122/19
75-34-3	1,1-Dichloroethane	10 U		250	222	89	250	217	87	2	81-122/15
107-06-2	1,2-Dichloroethane	10 U		250	233	93	250	224	90	4	75-125/14
75-35-4	1,1-Dichloroethylene	6.7	J	250	219	85	250	211	82	4	78-137/18
156-59-2	cis-1,2-Dichloroethylene	784		250	984	80	250	988	82	0	78-120/15
156-60-5	trans-1,2-Dichloroethylene	10 U		250	217	87	250	212	85	2	76-127/17
78-87-5	1,2-Dichloropropane	10 U		250	229	92	250	217	87	5	76-124/14
10061-01-5	cis-1,3-Dichloropropene	10 U		250	201	80	250	196	78	3	75-118/23
10061-02-6	trans-1,3-Dichloropropene	10 U		250	175	70*	250	169	68*	3	80-120/22
100-41-4	Ethylbenzene	10 U		250	223	89	250	210	84	6	81-121/14
591-78-6	2-Hexanone	100 U		1250	1030	82	1250	1030	82	0	61-129/18
74-83-9	Methyl Bromide	50 U		250	164	66	250	167	67	2	59-143/19
74-87-3	Methyl Chloride	20 U		250	178	71	250	171	68	4	50-159/19
75-09-2	Methylene Chloride	50 U		250	263	105	250	257	103	2	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	50 U		1250	1030	82	1250	1000	80	3	66-122/16
100-42-5	Styrene	10 U		250	239	96	250	225	90	6	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	10 U		250	237	95	250	219	88	8	72-120/14
127-18-4	Tetrachloroethylene	188		250	402	86	250	384	78	5	76-135/16
108-88-3	Toluene	10 U		250	222	89	250	211	84	5	80-120/14
71-55-6	1,1,1-Trichloroethane	10 U		250	227	91	250	216	86	5	75-130/16
79-00-5	1,1,2-Trichloroethane	10 U		250	239	96	250	227	91	5	76-119/14
79-01-6	Trichloroethylene	108		250	328	88	250	319	84	3	81-126/15
75-01-4	Vinyl Chloride	11.3		250	191	72	250	187	70	2	69-159/18
1330-20-7	Xylene (total)	30 U		750	665	89	750	633	84	5	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC20105-6MS	1O88609.D	10	11/05/24	JW	n/a	n/a	V1O4119
FC20105-6MSD	1O88610.D	10	11/05/24	JW	n/a	n/a	V1O4119
FC20105-6	1O88590.D	10	11/05/24	JW	n/a	n/a	V1O4119

The QC reported here applies to the following samples: Method: SW846 8260D
FC19974-56

CAS No.	Surrogate Recoveries	MS	MSD	FC20105-6	Limits
1868-53-7	Dibromofluoromethane	105%	105%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	92%	92%	79-125%
2037-26-5	Toluene-D8	94%	94%	97%	85-112%
460-00-4	4-Bromofluorobenzene	95%	92%	93%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: FC19974

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC20106-3MS	2A60446.D	1	11/06/24	JW	n/a	n/a	V2A2032
FC20106-3MSD	2A60447.D	1	11/06/24	JW	n/a	n/a	V2A2032
FC20106-3	2A60426.D	1	11/06/24	JW	n/a	n/a	V2A2032

The QC reported here applies to the following samples:

Method: SW846 8260D

FC19974-5, FC19974-6

CAS No.	Compound	FC20106-3 ug/l	Spike Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25 U		125	134	107	125	138	110	3	50-147/21
71-43-2	Benzene	1.6		25	26.7	100	25	25.1	94	6	81-122/14
75-27-4	Bromodichloromethane	1.0 U		25	23.3	93	25	22.4	90	4	79-123/19
75-25-2	Bromoform	1.0 U		25	20.0	80	25	18.8	75	6	66-123/21
78-93-3	2-Butanone (MEK)	5.0 U		125	136	109	125	135	108	1	56-143/18
75-15-0	Carbon Disulfide	2.0 U		25	25.0	100	25	23.5	94	6	66-148/23
56-23-5	Carbon Tetrachloride	1.0 U		25	23.2	93	25	21.9	88	6	76-136/23
108-90-7	Chlorobenzene	3.9		25	26.6	91	25	25.0	84	6	82-124/14
75-00-3	Chloroethane	2.0 U		25	21.7	87	25	22.5	90	4	62-144/20
67-66-3	Chloroform	1.0 U		25	23.6	94	25	22.4	90	5	80-124/15
124-48-1	Dibromochloromethane	1.0 U		25	21.7	87	25	20.2	81	7	78-122/19
75-34-3	1,1-Dichloroethane	1.0 U		25	24.2	97	25	22.6	90	7	81-122/15
107-06-2	1,2-Dichloroethane	1.0 U		25	24.3	97	25	22.7	91	7	75-125/14
75-35-4	1,1-Dichloroethylene	1.0 U		25	25.0	100	25	23.1	92	8	78-137/18
156-59-2	cis-1,2-Dichloroethylene	0.68	J	25	24.4	95	25	22.9	89	6	78-120/15
156-60-5	trans-1,2-Dichloroethylene	0.27	J	25	24.4	97	25	23.0	91	6	76-127/17
78-87-5	1,2-Dichloropropane	1.0 U		25	26.3	105	25	24.1	96	9	76-124/14
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	23.3	93	25	21.7	87	7	75-118/23
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	19.3	77*	25	18.3	73*	5	80-120/22
100-41-4	Ethylbenzene	1.0 U		25	22.6	90	25	20.9	84	8	81-121/14
591-78-6	2-Hexanone	10 U		125	140	112	125	142	114	1	61-129/18
74-83-9	Methyl Bromide	5.0 U		25	15.0	60	25	17.3	69	14	59-143/19
74-87-3	Methyl Chloride	2.0 U		25	18.9	76	25	19.9	80	5	50-159/19
75-09-2	Methylene Chloride	5.0 U		25	23.7	95	25	21.9	88	8	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U		125	139	111	125	137	110	1	66-122/16
100-42-5	Styrene	1.0 U		25	21.2	85	25	19.7	79	7	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	24.7	99	25	22.9	92	8	72-120/14
127-18-4	Tetrachloroethylene	1.0 U		25	22.7	91	25	21.1	84	7	76-135/16
108-88-3	Toluene	1.0 U		25	23.6	94	25	21.6	86	9	80-120/14
71-55-6	1,1,1-Trichloroethane	1.0 U		25	25.1	100	25	22.9	92	9	75-130/16
79-00-5	1,1,2-Trichloroethane	1.0 U		25	22.8	91	25	21.7	87	5	76-119/14
79-01-6	Trichloroethylene	1.0 U		25	24.4	98	25	22.2	89	9	81-126/15
75-01-4	Vinyl Chloride	0.81	J	25	20.9	80	25	22.2	86	6	69-159/18
1330-20-7	Xylene (total)	3.0 U		75	68.8	92	75	64.2	86	7	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC19974
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC20106-3MS	2A60446.D	1	11/06/24	JW	n/a	n/a	V2A2032
FC20106-3MSD	2A60447.D	1	11/06/24	JW	n/a	n/a	V2A2032
FC20106-3	2A60426.D	1	11/06/24	JW	n/a	n/a	V2A2032

The QC reported here applies to the following samples: Method: SW846 8260D
FC19974-5, FC19974-6

CAS No.	Surrogate Recoveries	MS	MSD	FC20106-3	Limits
1868-53-7	Dibromofluoromethane	96%	96%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	98%	99%	79-125%
2037-26-5	Toluene-D8	96%	96%	97%	85-112%
460-00-4	4-Bromofluorobenzene	95%	98%	99%	83-118%

* = Outside of Control Limits.

DATA ASSESSMENT REPORT

Data assessment is a systematic process for reviewing a body of data against a predefined set of criteria to provide assurance that the data meet project Data Quality Objective (DQO) requirements. The purpose of the data assessment process is to determine if and how the usability of the analytical data is affected by the overall analytical processes and sample collection and handling procedures. If specific DQOs are not met, the data are qualified (i.e., data flags are assigned to sample results) in accordance with guidelines established by the United States Environmental Protection Agency (USEPA). Data assessment allows the data user to adequately determine if the data can be used for its intended purpose. The data acceptance criteria are established according to Standard Operating Procedures (SOPs) and Statements of Work (SOWs) provided to the contracted analytical laboratory. The assessment of data quality and usability involves five components, as described below.

- 1) **Field Sampling Check** is a process to ensure that all samples were collected, and the laboratory analyses were performed as stipulated in the applicable site-specific Work Plan or Field Sampling Plan (FSP). Inspection of sample preservation procedures, sample handling, analysis requested, sample description and identification (ID), cooler receipt forms, holding time evaluation, and Chain of Custody procedures are all evaluated to ensure that the evidentiary nature of the samples and the resulting analytical data have not been compromised.
- 2) **Data Verification** is a process for determining the completeness, correctness, consistency, and compliance of a data package in accordance with requirements contained in the applicable SOW and/or contract-specific requirements. This is a review of the data package, electronic data deliverable (EDD), and invoice received from the contract laboratory to ensure that the contract required information is present and complete prior to data validation.
- 3) **Data Review** is a process of reviewing the primary quality control (QC) data provided by the laboratory and the results of any internal quality assurance (QA)/QC samples, such as field blanks, trip blanks, equipment blanks or ambient blanks, field split samples, and duplicate samples, to ascertain any effect the laboratory's procedures or the sample collection process has on the data.
- 4) **Data Evaluation** is a process to determine if the data meet project-specific DQOs and contract requirements. This evaluation may involve a review of field sampling and sample management procedures, laboratory audits, Performance Evaluation (PE) sample results, and any other data quality indicators that are available.
- 5) **Data Validation** is a process to determine the accuracy and precision of analytical data generated and to identify any anomalies encountered. The validation process is performed in accordance with USEPA regional or national functional guidelines, project-specific guidelines, and

compliance with the requirements of each analytical method. Two major components of data validation are laboratory performance and matrix interferences. Evaluation of laboratory performance is a check for compliance for each analytical method to determine if the samples were analyzed within the prescribed acceptance criteria of the method. Evaluation of matrix interferences involves the analysis of surrogate spike recoveries, matrix spike recoveries, and duplicate sample results. Data not meeting project-specific DQOs or the requirements of the analytical method are qualified with data flags according to referenced guidelines.

Data Assessment Procedures

AECOM performed independent QC checks of field and laboratory procedures that were used in collecting and analyzing the data. The QC checks verify that the data collected are of appropriate quality for the intended data use and that the DQOs were met. The steps and guidelines followed during the data validation process were modeled on the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, November 2020). In addition, method-specific criteria set forth in the compendium of analytical methods found in the *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V* (USEPA, July 2014) are also evaluated during the validation process. This validation process has been adapted to meet the DQO requirements for generation of definitive critical data.

Data Validation Results

The analytical data associated with analytical data package FC19974 were collected during October 28-29, 2024 for RTX - Delavan Spray Technologies located in Bamberg, South Carolina. The analytical data were validated according to the procedures outlined above. Where data flags have been applied to this data set, they are separated by a slash “/” and presented in the following format:

Laboratory Flag / Result Flags / Analysis Flags

- **Laboratory Flag:** This flag precedes the first slash and is added by the laboratory as a result of QC excursions from the analytical method. These flags are laboratory-specific and are described in the associated laboratory report.
- **Result Flags:** These are presented after the first slash and are added by AECOM based on data validation procedures and guidelines. They tell how and if the data should be used.
- **Analysis Flags:** These flags are presented after the second slash and are added by AECOM to inform the data user of any specific QA/QC problems that were encountered.

Any data requiring qualification as a result of the validation process were assigned data flags, as discussed below. The validation flags indicate how any QC excursions may have impacted the usability of the data.

Volatile Organic Compounds by Method 8260D

Detections of toluene in any sample (except Trip Blank sample) were qualified “/B/T” due to the presence of the analyte in the associated trip blank sample.

In samples MW-32DR (primary sample) and MW-32DR-a (field duplicate sample), results of tetrachloroethene were qualified “/J/A” due to the relative percent difference (RPD) between the primary and field duplicate samples exceeding the established criteria of 35% (68.5%). These qualifiers indicate imprecision with field sampling techniques, laboratory methodology, or instrumentation, and the results should be considered estimated.

Data Summary and Usability

The QC excursions encountered during the validation of this data set did not result in the rejection of any data. Therefore, the data associated with this laboratory batch should be considered compliant and adequate for its intended use.

References

United States Environmental Protection Agency (USEPA), July 2014. *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V.*

United States Environmental Protection Agency (USEPA), November 2020. *USEPA National Functional Guidelines for Organic Superfund Methods Data Review.* Publication #EPA-540-R-20-005.

Appendix D

Historical VOC Data

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MCL			200	NS	7	5	80	NS	80	70	80	5	5	1000	100	5	2	10000
MW-1	6/4/2003	µg/L	<50	<50	<50	NA	NA	NA	NA	<50	NA	140	15000	<250	<50	<50	<50	<150
MW-1	12/30/2003	µg/L	<800	<800	<800	NA	NA	NA	NA	<800	NA	<800	11000	<800	<800	<800	<800	<800
MW-1	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	10.1	NA	<1.00	5470	NA	<1.00	34.8	<1.00	NA
MW-1	6/1/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	10.1	NA	<1.00	5750	NA	<1.00	41.3	<1.00	NA
MW-1	9/20/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	9.6	NA	<1.00	3150	NA	<1.00	38.4	<1.00	NA
MW-1	12/12/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	11.4	NA	<1.00	4750	NA	<1.00	35.6	<1.00	NA
MW-1	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	11.9	NA	<1.00	6580	NA	<1.00	48.1	<1.00	NA
MW-1	6/26/2006	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	13	NA	<1.0	4100	NA	<1.0	32	<1.0	NA
MW-1	10/21/2006	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	17.9	NA	<1.0	9550	NA	<1.0	65.8	<1.0	NA
MW-1	1/12/2007	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	23.1	NA	<1.00	6790	NA	<1.00	85.6	<1.00	NA
MW-1	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	102	NA	<1.00	5390	NA	<1.00	83.7	<1.00	NA
MW-1	11/5/2009	µg/L	<1.00	<1.00	1.74	NA	NA	NA	NA	382	NA	<1.00	7680	NA	<1.00	108	<1.00	NA
MW-1	4/30/2010	µg/L	<5.00	<5.00	<5.00	NA	NA	NA	NA	184	NA	<5.00	5940	NA	<5.00	79.6	<5.00	NA
MW-1	10/25/2010	µg/L	<50.0	<50.0	<50.0	NA	NA	NA	NA	648	NA	<50.0	5690	NA	<50.0	99.5	<50.0	NA
MW-1	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	210	NA	<1.0	3000	<1.0	<1.0	28	<2.0	<10
MW-1	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	265	NA	<1.00	2320	NA	<1.00	35	<1.00	NA
MW-1	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	298	NA	<1.00	3120	NA	<1.00	41.4	<1.00	NA
MW-1	2/26/2014	µg/L	<6.7	<5.1	<5.1	<4.8	<5.2	<4	<6.2	110 /J/A	<7.2	69.3 J	1280 /J/A	<4	<6.9	11.5 J	<6.5	<13
MW-1	10/27/2014	µg/L	<6.7	<5.1	<5.1	<4.8	<5.2	<4	<6.2	131	<7.2	<40	785	<4	<6.9	18.6 J	10.9 J	<13
MW-1	4/20/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	6.1	<1	<10	447	<2	<1	2.6 J	<1.3	<2.6
MW-1	10/28/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	7.1	<1	<10	383	<2	<1	2.8 J	<1.3	<2.6
MW-1	4/13/2016	µg/L	<1	<1.3	<1.1	<1.4	<1.2	<1.2	<1.5	19.4	<1.3	<10	468	<1	<1.7	6.2	<1.6	<2.8
MW-1	10/25/2016	µg/L	<1	<1.3	<1.1	<1.4	<1.2	<1.2	<1.5	7	<1.3	<10	410	<1	<1.7	3.5 J	<1.6	<2.8
MW-1	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	13.9	<0.28	<2	607	<0.3	<0.22	8.4	<0.41	<0.72
MW-1	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	124	<0.28	<2	835	<0.3	<0.22	23.2	<0.41	<0.72
MW-1	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	12.1	<0.28	<2	298	<0.3	<0.22	8.1	<0.41	<0.72
MW-1	10/30/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	11.6	<1.4	<10	277	<1.5	<1.1	4.2	<2	<3.6
MW-1	4/24/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	5	<0.55	<4	195	<0.6	<0.44	2.2	<0.82	<1.4
MW-1	10/15/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	48.8	<0.55	<4	656	<0.6	<0.44	15.9	<0.82	<1.4
MW-1	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.9	<0.28	<2	111	<0.3	<0.22	1.2	<0.41	<0.72
MW-1	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2.4	<0.28	<2	103	<0.3	<0.22	2.9	<0.41	<0.72
MW-1	4/13/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	0.94 J	<0.55	<4	46.1	<0.6	<0.44	0.85 J	<0.82	<1.4
MW-1	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	5.2	<0.28	<2	108	1.6 /B/T	<0.22	8.6	<0.41	<0.72
MW-1	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3	<0.28	<2	83.5	2.3 /B/T	<0.22	6.1	<0.41	<0.72
MW-1	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3	<0.28	<2	58	<0.3	<0.22	2	<0.41	<0.72
MW-1	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.7 J	<0.28	<2	27.3	0.73 J/B/T	<0.22	1.3	<0.41	<0.72
MW-1	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.8	<0.28	<2	57.6	<0.3	<0.22	3.6	<0.41	<0.72
MW-1	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.56 J	<0.28	<2	35.8	<0.3	<0.22	2.7	<0.41	<0.72
MW-1	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.63 J	<0.28	<2	21.9	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-2	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
MW-2	12/30/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	4.5	<2	<2	<2	<2	<4
MW-2	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	4.3	NA	<1.00	<1.00	<1.00	NA
MW-2	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.21	NA	<1.00	<1.00	<1.00	NA
MW-2	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	2.5	NA	<1.00	<1.00	<1.00	NA
MW-2	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.17	NA	<1.00	<1.00	<1.00	NA
MW-2	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.27	NA	<1.00	<1.00	<1.00	NA
MW-2	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1	NA	<1.00	<1.00	<1.00	NA
MW-2	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-2	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.86	NA	<1.00	<1.00	<1.00	NA
MW-2	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	6.55	NA	<1.00	<1.00	<1.00	NA
MW-2	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	1.6	<0.2	<0.34	<0.3	<0.33	<0.66
MW-2	10/27/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	1.2	<0.2	<0.34	<0.3	<0.33	<0.66
MW-2	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.53 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-2	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.85 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-2	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.57	<0.2	<0.33	<0.27	<0.31	<0.56
MW-2	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.83 J	<0.2	<0.33	<0.27	<0.31	<0.56
MW-2	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.92 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	3.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	5/10/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.3	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.71 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.1	2.1 /B/T	<0.22	<0.35	<0.41	<0.72
MW-2	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.67 J	2.6 /B/T	<0.22	<0.35	<0.41	<0.72
MW-2	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.59 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-2	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-3	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	74	<5.0	<1.0	<1.0	<1.0	<3.0
MW-3	12/30/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	220	<2	<2	<2	<2	<4
MW-3	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	113	NA	<1.00	<1.00	<1.00	NA
MW-3	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	305	NA	<1.00	<1.00	<1.00	NA
MW-3	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	59.8	NA	<1.00	<1.00	<1.00	NA
MW-3	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	82.1	NA	<1.00	<1.00	<1.00	NA
MW-3	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	238	NA	<1.00	1.03	<1.00	NA
MW-3	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	391	NA	<1.00	2.79	<1.00	NA
MW-3	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	47	<1.0	<1.0	<1.0	<2.0	<10
MW-3	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	140	NA	<1.00	3.23	<1.00	NA
MW-3	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	64.5	NA	<1.00	<1.00	<1.00	NA
MW-3	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	45.1	<0.2	<0.34	1.1	<0.33	<0.66
MW-3	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	49.9	<0.2	<0.34	1.4	<0.33	<0.66
MW-3	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.92 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-3	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	0.24 J	<0.2	<2	57.4	<0.4	<0.21	0.79 J	<0.25	<0.51
MW-3	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	0.68	<0.26	<2	98	<0.2	<0.33	1.2	<0.31	<0.56
MW-3	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	0.58 J	<0.26	<2	91.6	<0.2	<0.33	1.1	<0.31	<0.56
MW-3	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.6	<0.28	<2	199	<0.3	<0.22	3.6	<0.41	<0.72
MW-3	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.33 J	<0.28	<2	77.3	<0.3	<0.22	1.6	<0.41	<0.72
MW-3	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	95.2	<0.3	<0.22	1.2	<0.41	<0.72
MW-3	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.51	<0.28	<2	86.8	<0.3	<0.22	1.3	<0.41	<0.72
MW-3	4/23/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	1.9	<0.55	<4	132	<0.6	<0.44	1.7	<0.82	<1.4
MW-3	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.44 J	<0.28	<2	98.8	<0.3	<0.22	1.3	<0.41	<0.72
MW-3	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2	<0.28	<2	122 E	<0.3	<0.22	1.8	<0.41	<0.72
MW-3	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2.2	<0.28	<2	119	<0.3	<0.22	3.1	<0.41	<0.72
MW-3	4/13/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	2.8	<0.55	<4	137	<0.6	<0.44	2.5	<0.82	<1.4
MW-3	10/19/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	3.1	<0.55	<4	117	2 /B/T	<0.44	2.8	<0.82	<1.4
MW-3	4/13/2022	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	2.3	<0.55	<4	99.3	1.2 J/B/T	<0.44	2.7	<0.82	<1.4
MW-3	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	58.9	<0.3	<0.22	1.6	<0.41	<0.72
MW-3	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.5	<0.28	<2	63.5	2.6 /B/T	<0.22	1.4	<0.41	<0.72
MW-3	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.1	<0.28	<2	85.7	<0.3	<0.22	2.5	<0.41	<0.72
MW-3	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.9	<0.28	<2	93.1	<0.3	<0.22	2.6	<0.41	<0.72
MW-3	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.99 J	<0.28	<2	67.7	<0.3	<0.22	1.3	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-3D	1/9/2008	µg/L	<1.00	<1.00	9.68	NA	NA	NA	NA	5.52	NA	<1.00	432	NA	<1.00	3.33	<1.00	NA
MW-3D	11/5/2009	µg/L	<1.00	<1.00	11.8	NA	NA	NA	NA	8.92	NA	<1.00	612	NA	<1.00	4.11	<1.00	NA
MW-3D	4/30/2010	µg/L	<1.00	<1.00	9.92	NA	NA	NA	NA	9.33	NA	<1.00	764	NA	<1.00	6.1	<1.00	NA
MW-3D	10/26/2010	µg/L	<1.00	<1.00	11.7	NA	NA	NA	NA	9.98	NA	<1.00	544	NA	<1.00	4.51	<1.00	NA
MW-3D	5/24/2011	µg/L	<1.0	<1.0	11	NA	NA	NA	NA	9.4	NA	<1.0	600	<1.0	<1.0	4.7	<2.0	<10
MW-3D	11/9/2011	µg/L	<1.00	<1.00	10.8	NA	NA	NA	NA	9.93	NA	<1.00	526	NA	<1.00	4.01	<1.00	NA
MW-3D	5/9/2012	µg/L	<1.00	<1.00	10.3	NA	NA	NA	NA	8.58	NA	<1.00	520	NA	<1.00	4.48	<1.00	NA
MW-3D	3/5/2014	µg/L	<0.34	<0.26	10.4	<0.24	<0.26	<0.2	<0.31	7	<0.36	<2	204	<0.2	<0.34	6	<0.33	<0.66
MW-3D	10/28/2014	µg/L	0.58 J	<0.26	16.2	<0.24	<0.26	<0.2	<0.31	5.9	<0.36	<2	384	<0.2	<0.34	4.2	<0.33	<0.66
MW-3D	4/21/2015	µg/L	<0.26	<0.2	12.4	<0.2	<0.22	<0.29	<0.3	8.4	<0.2	<2	316 /M/M	<0.4	<0.21	8.1	<0.25	<0.51
MW-3D	10/27/2015	µg/L	<1.3	<1	9.7	<1	<1.1	<1.5	<1.5	5.6	<1	<10	353	<2	<1	6.7	<1.3	<2.6
MW-3D	4/13/2016	µg/L	<1	<1.3	5.7	<1.4	<1.2	<1.2	<1.5	7.8	<1.3	<10	285	<1	<1.7	8.3	<1.6	<2.8
MW-3D	10/26/2016	µg/L	0.25 J	<0.26	8.8	<0.28	<0.24	<0.23	<0.3	8.3	<0.26	<2	331	<0.2	<0.33	7.6	<0.31	<0.56
MW-3D	4/11/2017	µg/L	0.27 J	<0.34	8	<0.31	<0.24	<0.53	<0.3	8	<0.28	<2	223	<0.3	<0.22	8.1	<0.41	<0.72
MW-3D	10/17/2017	µg/L	<0.62	<0.85	8.8	<0.78	<0.61	<1.3	<0.75	6.4	<0.69	<5	290	<0.75	<0.55	4.4	<1	<1.8
MW-3D	5/9/2018	µg/L	<1.2	<1.7	6.7	<1.6	<1.2	<2.7	<1.5	7	<1.4	<10	299	<1.5	<1.1	7.4	<2	<3.6
MW-3D	10/31/2018	µg/L	<1.2	<1.7	7.8	<1.6	<1.2	<2.7	<1.5	9	<1.4	<10	432	<1.5	<1.1	6.4	<2	<3.6
MW-3D	4/23/2019	µg/L	<1.2	<1.7	5.6	<1.6	<1.2	<2.7	<1.5	7.4	<1.4	<10	296	<1.5	<1.1	9	<2	<3.6
MW-3D	10/15/2019	µg/L	<1.2	<1.7	6.3	<1.6	<1.2	<2.7	<1.5	6.8	<1.4	<10	258	<1.5	<1.1	5.7	<2	<3.6
MW-3D	4/15/2020	µg/L	<0.62	<0.85	4.8	<0.78	<0.61	<1.3	<0.75	8.7	<0.69	<5	220	<0.75	<0.55	9.6	<1	<1.8
MW-3D	10/20/2020	µg/L	<0.62	<0.85	5.9	<0.78	<0.61	<1.3	<0.75	8	<0.69	<5	347	<0.75	<0.55	5.3	<1	<1.8
MW-3D	4/13/2021	µg/L	<1.2	<1.7	3.7 J	<1.6	<1.2	<2.7	<1.5	7.5	<1.4	<10	179	<1.5	<1.1	7.4	<2	<3.6
MW-3D	10/19/2021	µg/L	<1.2	<1.7	5.3	<1.6	<1.2	<2.7	<1.5	8.2	<1.4	<10	235	<1.5	<1.1	5.7	<2	<3.6
MW-3D	4/13/2022	µg/L	<1.2	<1.7	4.2 J	<1.6	<1.2	<2.7	<1.5	7.6	<1.4	<10	277	<1.5	<1.1	8.8	<2	<3.6
MW-3D	10/26/2022	µg/L	<1.2	<1.7	4.7 J	<1.6	<1.2	<2.7	<1.5	8.7	<1.4	<10	282	<1.5	<1.1	5.2	<2	<3.6
MW-3D	4/25/2023	µg/L	<0.62	<0.85	3.8	<0.78	<0.61	<1.3	<0.75	12.8	<0.69	<5	234	1.6 J/B/T	<0.55	10.4	9	<1.8
MW-3D	11/8/2023	µg/L	<0.25	<0.34	5.7	<0.31	<0.24	<0.53	<0.3	9.8	<0.28	<2	261	<0.3	<0.22	8.1	<0.41	<0.72
MW-3D	4/23/2024	µg/L	<0.5	<0.68	2.3	<0.62	<0.48	<1.1	<0.6	8.3	<0.55	<4	116	<0.6	<0.44	8.2	<0.82	<1.4
MW-3D	10/29/2024	µg/L	<0.5	<0.68	3.9	<0.62	<0.48	<1.1	<0.6	8.3	<0.55	4.4 J	308	<0.6	<0.44	8.8	<0.82	<1.4
MW-3D1	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-3D1	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-3D1	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-3D1	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-3D1	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-3D1	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-3D1	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-3D1	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-3D1	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-3D1	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-3D1	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-3D1	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-4	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
MW-4	12/30/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	<4
MW-4	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	11/5/2009	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	10/25/2010	µg/L	<10.0	<10.0	<10.0	NA	NA	NA	NA	<10.0	NA	<10.0	<10.0	NA	<10.0	<10.0	<10.0	NA
MW-4	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-4	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	3/12/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-4	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	0.54 J	<0.21	<0.22	<0.25	<0.51
MW-4	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-4	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	0.42 J	<0.33	<0.27	<0.31	<0.56
MW-4	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.28	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	160	<5.0	<1.0	<1.0	<1.0	<3.0
MW-5	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	230	<2	<2	<2	<2	<4
MW-5	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	345	NA	<1.00	<1.00	<1.00	NA
MW-5	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	3.79	NA	<1.00	<1.00	<1.00	NA
MW-5	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	97.6	NA	<1.00	<1.00	<1.00	NA
MW-5	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	2.42	NA	<1.00	<1.00	<1.00	NA
MW-5	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.46	NA	<1.00	<1.00	<1.00	NA
MW-5	10/26/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-5	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-5	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.55	NA	<1.00	<1.00	<1.00	NA
MW-5	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	2.57	NA	<1.00	<1.00	<1.00	NA
MW-5	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	11.7	<0.2	<0.34	<0.3	<0.33	<0.66
MW-5	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	1.1	<0.2	<0.34	<0.3	<0.33	<0.66
MW-5	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	1	<0.2	<2	74.3	<0.4	<0.21	1.3	<0.25	<0.51
MW-5	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	16.2	<0.4	<0.21	<0.22	<0.25	<0.51
MW-5	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.53	<0.2	<0.33	<0.27	<0.31	<0.56
MW-5	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	2.5	<0.2	<0.33	<0.27	<0.31	<0.56
MW-5	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.87 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	27.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.2	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.69 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.9	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.89 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-6	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
MW-6	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	<4
MW-6	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-6	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	0.59 J	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-6	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-6	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-6	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-6	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	5.3
MW-7	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-7	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-7	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-7	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	1.4	<0.4	<0.21	<0.22	<0.25	<0.51
MW-7	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-7	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-7	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.49 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.38	<0.22	<0.35	<0.41	<0.72
MW-7	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.82 J	1.6 /B/T	<0.22	<0.35	<0.41	<0.72
MW-7	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.34 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-7	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-8	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	30	1.9J	<2	<2	<2	4.7
MW-8	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	135	NA	<1.00	1.1	<1.00	NA
MW-8	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	102	NA	<1.00	1.1	<1.00	NA
MW-8	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	159	NA	<1.00	1.66	<1.00	NA
MW-8	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	94.1	NA	<1.00	1.38	<1.00	NA
MW-8	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	28.3	NA	<1.00	<1.00	<1.00	NA
MW-8	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	76.4	NA	<1.00	1.22	<1.00	NA
MW-8	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	100	<1.0	<1.0	2.3	<2.0	<10
MW-8	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	276	NA	<1.00	5.31	<1.00	NA
MW-8	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	1.11	NA	<1.00	491	NA	<1.00	8.42	<1.00	NA
MW-8	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	114	<0.2	<0.34	6.8	<0.33	<0.66
MW-8	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	71.4	<0.2	<0.34	3.2	<0.33	<0.66
MW-8	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	28.5	<0.4	<0.21	0.97 J	<0.25	<0.51
MW-8	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	26	<0.4	<0.21	2.2	<0.25	<0.51
MW-8	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	7.8	<0.2	<0.33	<0.27	<0.31	<0.56
MW-8	10/24/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	35.8	<0.2	<0.33	4.9	<0.31	<0.56
MW-8	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	18.8	<0.3	<0.22	1.8	<0.41	<0.72
MW-8	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.31 J	<0.28	<2	47.9	<0.3	<0.22	4.7	<0.41	<0.72
MW-8	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.9 J	<0.28	<2	81.6	<0.3	<0.22	10.4	<0.41	<0.72
MW-8	10/30/2018	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	2.7	<0.55	<4	176	<0.6	<0.44	21.5	<0.82	<1.4
MW-8	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.8	<0.28	<2	174	<0.3	<0.22	14.2	<0.41	<0.72
MW-8	10/14/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	3.1	<0.55	<4	299	<0.6	<0.44	28.9	<0.82	<1.4
MW-8	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	4	<0.28	<2	346	<0.3	<0.22	31	<0.41	<0.72
MW-8	10/21/2020	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	7.3	<0.69	<5	355	<0.75	<0.55	43.6	<1	<1.8
MW-8	4/13/2021	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	5.6	<1.4	<10	224	<1.5	<1.1	32.2	<2	<3.6
MW-8	10/19/2021	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	10.4	<0.69	<5	315	1.3 J/B/T	<0.55	50.1	<1	<1.8
MW-8	4/13/2022	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	7.6	<1.4	<10	267	<1.5	<1.1	46.2	<2	<3.6
MW-8	10/26/2022	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	14.5	<0.55	<4	535	<0.6	<0.44	87.3	<0.82	<1.4
MW-8	4/25/2023	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	7	<0.55	<4	195	<0.6	<0.44	40.6	<0.82	<1.4
MW-8	11/8/2023	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	11	<0.55	5.3 JB/B/L	184	<0.6	<0.44	57	<0.82	<1.4
MW-8	4/22/2024	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	11.8	<0.69	<5	301	<0.75	<0.55	72	<1	<1.8
MW-8	10/29/2024	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	15.9	<1.4	17.5 J	421	<1.5	<1.1	95.3	<2	<3.6
MW-9/MWT-1	12/31/2003	µg/L	<800	<800	<800	NA	NA	NA	NA	<800	NA	<800	7500	<800	<800	<800	<800	<2,000
MW-9/MWT-1	3/14/2005	µg/L	<1.00	<1.00	7.3	NA	NA	NA	NA	19.1	NA	<1.00	3520	NA	<1.00	76	<1.00	NA
MW-9/MWT-1	6/1/2005	µg/L	<1.00	<1.00	6.7	NA	NA	NA	NA	226	NA	<1.00	4670	NA	1.4	280	<1.00	NA
MW-9/MWT-1	9/20/2005	µg/L	1.28	<1.00	13.6	NA	NA	NA	NA	158	NA	<1.00	5000	NA	1.9	295	<1.00	NA
MW-9/MWT-1	12/12/2005	µg/L	2.05	<1.00	8.94	NA	NA	NA	NA	182	NA	<1.00	3920	NA	1.37	286	<1.00	NA
MW-9/MWT-1	3/28/2006	µg/L	<1.00	<1.00	8.51	NA	NA	NA	NA	362	NA	<1.00	4560	NA	1.57	372	<1.00	NA
MW-9/MWT-1	6/26/2006	µg/L	<1.0	<1.0	12	NA	NA	NA	NA	520	NA	<1.0	1500	NA	1.7	330	<1.0	NA
MW-9/MWT-1	10/21/2006	µg/L	<1.0	<1.0	23.5	NA	NA	NA	NA	540	NA	<1.0	7490	NA	<1.0	504	<1.0	NA
MW-9/MWT-1	1/12/2007	µg/L	<1.00	<1.00	25.3	NA	NA	NA	NA	442	NA	<1.00	5630	NA	1.97	626	<1.00	NA
MW-9/MWT-1	1/9/2008	µg/L	1.08	<1.00	5.01	NA	NA	NA	NA	271	NA	<1.00	2410	NA	1.39	297	8.73	NA
MW-9/MWT-1	11/4/2009	µg/L	<1.00	<1.00	11.6	NA	NA	NA	NA	379	NA	<1.00	2950	NA	2.21	559	<1.00	NA
MW-9/MWT-1	4/29/2010	µg/L	<1.00	<1.00	11.1	NA	NA	NA	NA	236	NA	<1.00	4170	NA	3.41	320	4.79	NA
MW-9/MWT-1	10/25/2010	µg/L	<20.0	<20.0	<20.0	NA	NA	NA	NA	326	NA	<20.0	3660	NA	<20.0	579	<20.0	NA
MW-9/MWT-1	5/24/2011	µg/L	<10	<10	<10	NA	NA	NA	NA	160	NA	<10	1200	<10	<10	380	<20	<100
MW-9/MWT-1	11/9/2011	µg/L	1.2	<1.00	19.7	NA	NA	NA	NA	200	NA	<1.00	4000	NA	1.47	450	<1.00	NA
MW-9/MWT-1	5/8/2012	µg/L	<1.00	<1.00	2.92	NA	NA	NA	NA	127	NA	<1.00	755	NA	1.09	258	<1.00	NA

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-9	3/6/2014	µg/L	<1.7	<1.3	<1.3	<1.2	<1.3	<1	<1.6	31.5	<1.8	<10	498	<1	<1.7	55.3	<1.6	<3.3
MW-9	10/29/2014	µg/L	<0.34	<0.26	2.2	<0.24	<0.26	<0.2	<0.31	92.2	<0.36	<2	727 /M/m	<0.2	0.59 J	159	<0.33	<0.66
MW-9	4/22/2015	µg/L	<2.6	<2	<2.7	<2	<2.2	<2.9	<3	33.1	<2	<20	1760	<4	<2.1	133	<2.5	<5.1
MW-9	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	116	<0.2	<2	1070	<0.4	1.1	172 /M/M	<0.25	<0.51
MW-9	4/12/2016	µg/L	<2	<2.6	<2.2	<2.8	<2.4	<2.3	<3	49.2	<2.6	<20	771	<2	<3.3	115	<3.1	<5.6
MW-9	10/26/2016	µg/L	<2	<2.6	<2.2	<2.8	<2.4	<2.3	<3	19.2	<2.6	<20	685	<2	<3.3	106	<3.1	<5.6
MW-9	4/10/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	7.8	<1.4	<10	326	<1.5	<1.1	43.8	<2	<3.6
MW-9	10/17/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	109	<1.4	<10	646	<1.5	<1.1	157	<2	<3.6
MW-9	5/9/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	5.9	<1.4	<10	466	<1.5	<1.1	46.5	<2	<3.6
MW-9	10/30/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	75.6	<1.4	<10	2240	<1.5	<1.1	441	<2	<3.6
MW-9	4/23/2019	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	9.6	<1.4	<10	513	<1.5	<1.1	47.1	<2	<3.6
MW-9	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.2	<0.28	<2	194 /M/M	<0.3	<0.22	24.6	<0.41	<0.72
MW-9	4/15/2020	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	28.1	<0.69	<5	402 /M/m	<0.75	<0.55	97.4 /M/m	<1	<1.8
MW-9	10/20/2020	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	17.3	<1.4	<10	443	<1.5	<1.1	116	<2	<3.6
MW-9	4/13/2021	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	14.4	<1.4	<10	156	<1.5	<1.1	45.6	<2	<3.6
MW-9	10/18/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	8	<0.55	<4	123	<0.6	<0.44	36.9	<0.82	<1.4
MW-9	4/13/2022	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	5.1 J	44.9	0.71 J/B/T	<0.44	6.6	<0.82	<1.4
MW-9	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	4.8	<0.28	<2	74.3	<0.3	<0.22	28.8	<0.41	<0.72
MW-9	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.6	<0.28	<2	75.2	2.8 /B/T	<0.22	22.4	<0.41	<0.72
MW-9	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.4	<0.28	<2	59.5	<0.3	<0.22	10.6	<0.41	<0.72
MW-9	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.9	<0.28	<2	53.4	<0.3	<0.22	12.3	<0.41	<0.72
MW-9	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.7	<0.28	<2	87.2	<0.3	<0.22	34.9	<0.41	<0.72
MW-9D	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	11/4/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-9D	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	3/6/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-9D	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-9D	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-9D	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-9D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-9D	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-9D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-9D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-9D	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.59 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-9D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-10/MWT-2	12/31/2003	µg/L	<200	<200	520	NA	NA	NA	NA	<200	NA	<200	5800	<200	<200	<200	<200	<400
MW-10/MWT-2	3/14/2005	µg/L	26.4	<1.00	18.6	NA	NA	NA	NA	40.1	NA	<1.00	4360	NA	1	62.3	<1.00	NA
MW-10/MWT-2	6/1/2005	µg/L	12.7	1.7	17.5	NA	NA	NA	NA	40.8	NA	<1.00	5680	NA	<1.00	52	<1.00	NA
MW-10/MWT-2	9/20/2005	µg/L	9.03	<1.00	40	NA	NA	NA	NA	27.8	NA	<1.00	4360	NA	<1.00	46.2	<1.00	NA
MW-10/MWT-2	12/12/2005	µg/L	11.7	<1.00	14.4	NA	NA	NA	NA	23.2	NA	<1.00	3050	NA	<1.00	45.2	<1.00	NA
MW-10/MWT-2	3/28/2006	µg/L	6.1	<1.00	13.4	NA	NA	NA	NA	16.8	NA	<1.00	3090	NA	<1.00	27.4	<1.00	NA
MW-10/MWT-2	6/26/2006	µg/L	<20	<20	<20	NA	NA	NA	NA	21	NA	<20	1800	NA	<20	31	<20	NA
MW-10/MWT-2	10/21/2006	µg/L	<100	<100	<100	NA	NA	NA	NA	121	NA	<100	3380	NA	<100	<100	114	NA
MW-10/MWT-2	1/12/2007	µg/L	1.22	<1.00	2.08	NA	NA	NA	NA	12.4	NA	<1.00	2980	NA	<1.00	32.7	<1.00	NA
MW-10/MWT-2	1/9/2008	µg/L	10.9	<1.00	24.1	NA	NA	NA	NA	89.1	NA	<1.00	3250	NA	<1.00	71.9	<1.00	NA
MW-10/MWT-2	11/4/2009	µg/L	1.49	1.56	82.2	NA	NA	NA	NA	1120	NA	<1.00	1600	NA	1.22	33.9	<1.00	NA
MW-10/MWT-2	4/29/2010	µg/L	<1.00	<1.00	2.85	NA	NA	NA	NA	104	NA	<1.00	53.8	NA	<1.00	3.22	<1.00	NA
MW-10/MWT-2	10/25/2010	µg/L	<10.0	<10.0	108	NA	NA	NA	NA	1270	NA	<10.0	1150	NA	<10.0	129	<10.0	NA
MW-10/MWT-2	5/24/2011	µg/L	<20	<20	<20	NA	NA	NA	NA	390	NA	<20	2000	<20	<20	88	<40.0	<200
MW-10/MWT-2	11/9/2011	µg/L	<5.00	8.8	285	NA	NA	NA	NA	4250	NA	<5.00	4670	NA	<5.00	154	<5.00	NA
MW-10/MWT-2	5/8/2012	µg/L	3.7	<1.00	7.83	NA	NA	NA	NA	885	NA	<1.00	1810	NA	17.1	386	<1.00	NA
MW-10	3/5/2014	µg/L	<0.34	<0.26	0.36 J	<0.24	<0.26	<0.2	<0.31	13.9	<0.36	<2	93.2	<0.2	<0.34	15.1	<0.33	<0.66
MW-10	10/29/2014	µg/L	<0.34	0.37 J	32.7	<0.24	<0.26	<0.2	<0.31	664	<0.36	<2	136	2.6	0.51 J	36.9	<0.33	<0.66
MW-10	4/22/2015	µg/L	<0.26	<0.2	5.2	<0.2	<0.22	<0.29	<0.3	98.8	<0.2	<2	54.1	<0.4	<0.21	7.8	<0.25	<0.51
MW-10	10/26/2015	µg/L	<0.26	0.49 J	30.3	0.22 J	<0.22	<0.29	<0.3	506	<0.2	<2	66.4	1.1	0.25 J	45.2	0.5 J	<0.51
MW-10	4/12/2016	µg/L	<0.2	<0.26	6.7	<0.28	<0.24	<0.23	<0.3	90.8	<0.26	<2	43.3	1.2	<0.33	22.1	<0.31	<0.56
MW-10	10/25/2016	µg/L	<0.2	<0.26	9	<0.28	<0.24	<0.23	<0.3	146	<0.26	<2	41.4	7.2	0.49 J	13.5	<0.31	<0.56
MW-10	4/10/2017	µg/L	<0.25	<0.34	0.95 J	<0.31	<0.24	<0.53	<0.3	41	<0.28	<2	51.6	1.2	0.32 J	44.3	<0.41	<0.72
MW-10	10/17/2017	µg/L	<0.25	<0.34	23.7	<0.31	<0.24	<0.53	<0.3	350	<0.28	<2	149	<0.3	0.26 J	70.9	<0.41	<0.72
MW-10	5/9/2018	µg/L	0.26 J	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	136	<0.28	<2	180	<0.3	0.42 J	98.6	<0.41	<0.72
MW-10	10/30/2018	µg/L	<2.5	<3.4	8.2	<3.1	<2.4	<5.3	<3	135	<2.8	<20	1550	<3	<2.2	98.3	<4.1	<7.2
MW-10	4/23/2019	µg/L	<0.25	<0.34	3	<0.31	<0.24	<0.53	<0.3	72.6	<0.28	<2	82.8	<0.3	<0.22	28.3	<0.41	<0.72
MW-10	10/16/2019	µg/L	0.53 J	1.4	59.1	<0.31	<0.24	<0.53	<0.3	1980	<0.28	<2	409	<0.3	0.64 J	482	<0.41	<0.72
MW-10	4/15/2020	µg/L	<0.25	<0.34	7.4	<0.31	<0.24	<0.53	<0.3	78.1	<0.28	<2	70.3	<0.3	<0.22	32.8	<0.41	<0.72
MW-10	10/20/2020	µg/L	<0.5	<0.68	9.4	<0.62	<0.48	<1.1	<0.6	180	<0.55	<4	494	1.5 J	<0.44	99.5	<0.82	<1.4
MW-10	4/13/2021	µg/L	<2.5	<3.4	5.7 J	<3.1	<2.4	<5.3	<3	105	<2.8	<20	66.8	<3	<2.2	25.2	<4.1	<7.2
MW-10	10/18/2021	µg/L	<0.5	<0.68	30.1	<0.62	<0.48	<1.1	<0.6	396	<0.55	<4	90.8	0.76 J/B/T	0.48 J	94.2	<0.82	<1.4
MW-10	4/13/2022	µg/L	<2.5	<3.4	<3.2	<3.1	<2.4	<5.3	<3	15.1	<2.8	22.8 J	180	<3	<2.2	40.7	<4.1	<7.2
MW-10	10/26/2022	µg/L	<12	<17	120	<16	<12	<27	<15	2830	<14	122 J	181	<15	<11	131	<20	<36
MW-10	4/25/2023	µg/L	<0.5	<0.68	6.8	<0.62	<0.48	<1.1	<0.6	101	<0.55	<4	127	2.4 /B/T	<0.44	27.2	<0.82	<1.4
MW-10	11/8/2023	µg/L	<2.5	<3.4	27	<3.1	<2.4	<5.3	<3	405	<2.8	23.5 J	327	<3	<2.2	63.2	<4.1	<7.2
MW-10	4/22/2024	µg/L	<0.25	<0.34	5	<0.31	<0.24	<0.53	<0.3	91	<0.28	<2	74.1	<0.3	<0.22	25.7	<0.41	<0.72
MW-10	10/29/2024	µg/L	<0.25	1.4	127	0.49 J	<0.24	<0.53	<0.3	1970	<0.28	<2	142	<0.3	1.6	182	3.3	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-10D	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	4.09	NA	<1.00	<1.00	<1.00	NA
MW-10D	11/4/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	5/24/2011	µg/L		<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-10D	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-10D	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-10D	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-10D	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-10D	10/25/2016	µg/L	<0.2 //h	<0.26 //h	<0.22 //h	<0.28 //h	<0.24 //h	<0.23 //h	<0.3 //h	<0.31 //h	<0.26 //h	<2 //h	<0.3 //h	<0.2 //h	<0.33 //h	<0.27 //h	<0.31 //h	<0.56 //h
MW-10D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.25 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.4 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.4 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/18/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.82 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-10D	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	2.4 /B/T	<0.22	<0.35	<0.41	<0.72
MW-10D	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.73 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-10D	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.29 J	3.2 /B/T	<0.22	<0.35	<0.41	<0.72
MW-10D	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.41 J	0.36 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-10D	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.37 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.48 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11/MWT-3	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	<4
MW-11/MWT-3	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	11/4/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-11/MWT-3	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-11	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-11	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	4.2	<0.21	<0.22	<0.25	<0.51
MW-11	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	1	<0.33	<0.27	<0.31	<0.56
MW-11	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.34 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-11	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-12D	11/5/2009	µg/L	<1.00	<1.00	1.11	NA	NA	NA	NA	<1.00	NA	<1.00	87.7	NA	<1.00	<1.00	<1.00	NA
MW-12D	4/30/2010	µg/L	1.13	<1.00	3.67	NA	NA	NA	NA	<1.00	NA	<1.00	451	NA	<1.00	<1.00	<1.00	NA
MW-12D	10/25/2010	µg/L	<1.00	<1.00	1.07	NA	NA	NA	NA	<1.00	NA	<1.00	72.3	NA	<1.00	<1.00	<1.00	NA
MW-12D	5/23/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	12	<1.0	<1.0	<1.0	<2.0	<10
MW-12D	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	20.8	NA	<1.00	<1.00	<1.00	NA
MW-12D	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	21.4	NA	<1.00	<1.00	<1.00	NA
MW-12D	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	40.7	<0.2	<0.34	<0.3	<0.33	<0.66
MW-12D	10/29/2014	µg/L	<0.34	<0.26	0.64 J	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	25.5	<0.2	<0.34	<0.3	<0.33	<0.66
MW-12D	4/21/2015	µg/L	<0.26	<0.2	1.4	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	65.6	<0.4	<0.21	<0.22	<0.25	<0.51
MW-12D	10/27/2015	µg/L	<0.26	<0.2	0.54 J	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	25.1	<0.4	<0.21	<0.22	<0.25	<0.51
MW-12D	4/13/2016	µg/L	<0.4	<0.51	2.9	<0.57	<0.48	<0.46	<0.6	<0.62	<0.52	<4	140	<0.4	<0.66	<0.54	<0.63	<1.1
MW-12D	10/25/2016	µg/L	<0.2 //h	<0.26 //h	1.2 //h	<0.28 //h	<0.24 //h	<0.23 //h	<0.3 //h	<0.31 //h	<0.26 //h	<2 //h	69.2 //h	<0.2 //h	<0.33 //h	<0.27 //h	<0.31 //h	<0.56 //h
MW-12D	4/10/2017	µg/L	<0.25	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	98.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/18/2017	µg/L	<0.25	<0.34	0.48 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	39.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	5/8/2018	µg/L	<0.25	<0.34	0.55 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	33.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/30/2018	µg/L	<0.25	<0.34	0.49	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	35.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	4/23/2019	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	92.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/15/2019	µg/L	<0.25	<0.34	0.73 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	50.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	4/14/2020	µg/L	<0.25	<0.34	1.6	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	129	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	47.3	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	4/13/2021	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	98.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/19/2021	µg/L	<0.25	<0.34	0.41 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	31.3	0.49 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-12D	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	26.2	0.66 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-12D	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	25.9	0.4 J	<0.22	<0.35	<0.41	<0.72
MW-12D	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	17.8	2.7 /B/T	<0.22	<0.35	<0.41	<0.72
MW-12D	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	17.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	15	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	16.8	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	11/5/2009	µg/L	<1.00	<1.00	1.92	NA	NA	NA	NA	<1.00	NA	<1.00	96.4	NA	<1.00	<1.00	<1.00	NA
MW-13D	4/30/2010	µg/L	3.34	<1.00	4.6	NA	NA	NA	NA	<1.00	NA	<1.00	292	NA	<1.00	<1.00	<1.00	NA
MW-13D	10/25/2010	µg/L	1.21	<1.00	3.45	NA	NA	NA	NA	<1.00	NA	<1.00	120	NA	<1.00	<1.00	<1.00	NA
MW-13D	5/23/2011	µg/L	<1.0	<1.0	1.6	NA	NA	NA	NA	<1.0	NA	<1.0	56	<1.0	<1.0	<1.0	<2.0	<10
MW-13D	11/8/2011	µg/L	<1.00	<1.00	1.4	NA	NA	NA	NA	<1.00	NA	<1.00	74.9	NA	<1.00	<1.00	<1.00	NA
MW-13D	5/9/2012	µg/L	<1.00	<1.00	1.25	NA	NA	NA	NA	<1.00	NA	<1.00	74.3	NA	<1.00	<1.00	<1.00	NA
MW-13D	3/11/2014	µg/L	1	<0.26	3.6	<0.24	<0.26	<0.2	0.6 J	<0.33	<0.36	<2	94.1	<0.2	<0.34	<0.3	<0.33	<0.66
MW-13D	10/29/2014	µg/L	<0.34	<0.26	2	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	47.6	<0.2	<0.34	<0.3	<0.33	<0.66
MW-13D	4/22/2015	µg/L	1.5	<0.2	4.4	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	84.8	<0.4	<0.21	<0.22	<0.25	<0.51
MW-13D	10/27/2015	µg/L	0.39 J	<0.2	1.7	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	84.5	<0.4	<0.21	<0.22	<0.25	<0.51
MW-13D	4/13/2016	µg/L	3.1	<0.26	5.4	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	151	<0.2	<0.33	<0.27	<0.31	<0.56
MW-13D	10/25/2016	µg/L	2.5 J	<1.3	7	<1.4	<1.2	<1.2	<1.5	<1.6	<1.3	<10	298	<1	<1.7	<1.4	<1.6	<2.8
MW-13D	4/10/2017	µg/L	1.6	<0.34	4.1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	168	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	10/18/2017	µg/L	0.31 J	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	84	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	5/8/2018	µg/L	0.92 J	<0.34	2.9	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	92.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	10/31/2018	µg/L	0.57	<0.34	2.3	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	73.9	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	4/23/2019	µg/L	0.93	<0.34	3.2	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	170	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	10/16/2019	µg/L	<0.5	<0.68	2	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	126	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	4/15/2020	µg/L	0.61 J	<0.68	3.6	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	171	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	10/21/2020	µg/L	0.51 J	<0.68	2.7	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	139	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	4/13/2021	µg/L	<0.5	<0.68	1.9 J	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	116	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	10/19/2021	µg/L	<0.5	<0.68	2.4	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	134	2.1 /B/T	<0.44	<0.69	<0.82	<1.4
MW-13D	4/13/2022	µg/L	<0.5	<0.68	1.8 J	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	98.4	0.97 J/B/T	<0.44	<0.69	<0.82	<1.4
MW-13D	10/26/2022	µg/L	<0.25	<0.34	1.8	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	86.9	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	4/25/2023	µg/L	<0.25	<0.34	1.8	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	105	2.7 /B/T	<0.22	<0.35	<0.41	<0.72
MW-13D	11/8/2023	µg/L	0.29 J	<0.34	2.1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	70.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	3/13/2024	µg/L	<0.25	<0.34	1.6	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	79.2	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	10/29/2024	µg/L	<0.25	<0.34	1.3	1.2	<0.24	<0.53	<0.3	<0.28	<0.28	<2	81.2	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-14	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	5/23/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-14	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	2/26/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-14	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-14	4/20/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.46 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-14	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.72 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-14	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.9	<0.2	<0.33	<0.27	<0.31	<0.56
MW-14	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.66 J	<0.2	<0.33	<0.27	<0.31	<0.56
MW-14	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.9	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	5/10/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.3	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.74 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.4 /B/T	<0.22	<0.35	<0.41	<0.72
MW-14	10/27/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14D	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	18.7	NA	<1.00	<1.00	<1.00	NA
MW-14D	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	74.8	NA	<1.00	<1.00	<1.00	NA
MW-14D	10/25/2010	µg/L	<1.00	<1.00	1.12	NA	NA	NA	NA	<1.00	NA	<1.00	85.3	NA	<1.00	<1.00	<1.00	NA
MW-14D	5/23/2011	µg/L	<1.0	<1.0	1.4	NA	NA	NA	NA	<1.0	NA	<1.0	92	<1.0	<1.0	<1.0	<2.0	<10
MW-14D	11/8/2011	µg/L	<1.00	<1.00	1.11	NA	NA	NA	NA	<1.00	NA	<1.00	77.3	NA	<1.00	<1.00	<1.00	NA
MW-14D	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	82.1	NA	<1.00	<1.00	<1.00	NA
MW-14D	2/26/2014	µg/L	<0.34	<0.26	1.6	<0.24	<0.26	<0.2	<0.31	0.95 J	<0.36	<2	81.5	<0.2	<0.34	0.56 J	<0.33	<0.66
MW-14D	10/28/2014	µg/L	<0.34	<0.26	1.2	<0.24	<0.26	<0.2	<0.31	0.65 J	<0.36	<2	79.3	<0.2	<0.34	0.56 J	<0.33	<0.66
MW-14D	4/20/2015	µg/L	<0.26	<0.2	1.8	<0.2	<0.22	<0.29	<0.3	0.9 J	<0.2	<2	69.7	<0.4	<0.21	0.61 J	<0.25	<0.51
MW-14D	10/28/2015	µg/L	<0.26	<0.2	1	<0.2	<0.22	<0.29	<0.3	0.34 J	<0.2	<2	53.1	<0.4	<0.21	<0.22	<0.25	<0.51
MW-14D	4/13/2016	µg/L	<0.2	<0.26	1.5	<0.28	<0.24	<0.23	<0.3	0.98	<0.26	<2	78.5	<0.2	<0.33	0.73	<0.31	<0.56
MW-14D	10/26/2016	µg/L	<0.2	<0.26	1.4	<0.28	<0.24	<0.23	<0.3	0.86 J	<0.26	<2	84.3	<0.2	<0.33	0.65 J	<0.31	<0.56
MW-14D	4/11/2017	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	84.6	<0.3	<0.22	0.77 J	<0.41	<0.72
MW-14D	10/17/2017	µg/L	<0.25	<0.34	0.72 J	<0.31	<0.24	<0.53	<0.3	0.34 J	<0.28	<2	63.4	<0.3	<0.22	0.43 J	<0.41	<0.72
MW-14D	5/10/2018	µg/L	<0.25	<0.34	1.1	<0.31	<0.24	<0.53	<0.3	0.61 J	<0.28	<2	59.9	<0.3	<0.22	0.56 J	<0.41	<0.72
MW-14D	10/30/2018	µg/L	<0.25	<0.34	0.83	<0.31	<0.24	<0.53	<0.3	0.37	<0.28	<2	54.3	<0.3	<0.22	0.48	<0.41	<0.72
MW-14D	4/23/2019	µg/L	<0.25	<0.34	0.99	<0.31	<0.24	<0.53	<0.3	0.51	<0.28	<2	80.6	<0.3	<0.22	0.62	<0.41	<0.72
MW-14D	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	65	<0.3	<0.22	0.58 J	<0.41	<0.72
MW-14D	4/15/2020	µg/L	<0.25	<0.34	0.95 J	<0.31	<0.24	<0.53	<0.3	0.44 J	<0.28	<2	59.9	<0.3	<0.22	0.53 J	<0.41	<0.72
MW-14D	10/20/2020	µg/L	<0.25	<0.34	0.85 J	<0.31	<0.24	<0.53	<0.3	0.49 J	<0.28	<2	53.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14D	4/13/2021	µg/L	<0.25	<0.34	1.1	<0.31	<0.24	<0.53	<0.3	0.62 J	<0.28	<2	54.8	<0.3	<0.22	0.55 J	<0.41	<0.72
MW-14D	10/19/2021	µg/L	<0.25	<0.34	0.93 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	47.4	0.6 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-14D	4/13/2022	µg/L	<0.25	<0.34	0.85 J	<0.31	<0.24	<0.53	<0.3	0.46 J	<0.28	<2	50.5	<0.3	<0.22	0.57 J	<0.41	<0.72
MW-14D	10/27/2022	µg/L	<0.25	<0.34	0.93 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	68.2	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14D	4/25/2023	µg/L	<0.25	<0.34	0.34 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	29.2	2 /B/T	<0.22	<0.35	<0.41	<0.72
MW-14D	11/8/2023	µg/L	<0.25	<0.34	0.4 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	35.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14D	3/13/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	18.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	12.3	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-15	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-15	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-15	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.6	<0.22	<0.35	<0.41	<0.72
MW-15	5/7/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	4/22/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/14/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.9 J	<0.22	<0.35	<0.41	<0.72
MW-15	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-15D	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-15D	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15D	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	0.24 J	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/14/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.8 J	<0.22	<0.35	<0.41	<0.72
MW-15D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-15D1	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15D1	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D1	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D1	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D1	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D1	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D1	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D1	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/14/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.66 J	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-16	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-16	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16	3/6/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-16	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	0.48 J	<0.33	<0.27	<0.31	<0.56
MW-16	4/10/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	38.3	<0.22	<0.35	<0.41	<0.72
MW-16	5/7/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.39	<0.22	<0.35	<0.41	<0.72
MW-16	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.72 J	<0.22	<0.35	<0.41	<0.72
MW-16	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-16D	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-16D	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-16D	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16D	3/6/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16D	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16D	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16D	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16D	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-16D	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-16D	4/10/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	5/7/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.1	<0.22	<0.35	<0.41	<0.72
MW-16D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	3/10/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-17	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-17	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-17	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-17	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-17	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.7	<0.22	<0.35	<0.41	<0.72
MW-17	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	3/10/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-18	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-18	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-18	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-18	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-18	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/18/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	4.4 /B/T	<0.22	<0.35	<0.41	<0.72
MW-18	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.89 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-18	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.82 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-18	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-19	3/6/2014	µg/L	<67	<51	<51	<48	<52	<40	<62	<65	<72	639 J	14000	<40	<69	<60	<65	<130
MW-19	10/28/2014	µg/L	16 J	<5.1	12 J	<4.8	<5.2	<4	<6.2	<6.5	<7.2	<40	3470	<4	<6.9	<6	<6.5	<13
MW-19	4/21/2015	µg/L	19.8 J	<4	15.6 J	<4	<4.3	<5.9	<6	12.5 J	<4	<40	4170	<8	<4.2	5.5 J	<5	<10
MW-19	10/28/2015	µg/L	34.6	<5	21.6 J	<5	<5.4	<7.4	<7.5	<5.5	<5	<50	8040	<10	<5.2	<5.4	<6.3	<13
MW-19	4/12/2016	µg/L	97.5	<26	39.1	<28	<24	<23	<30	<31	<26	221	16600	<20	<33	<27	<31	<56
MW-19	10/24/2016	µg/L	245	<51	<43	<57	<48	<46	<60	<62	<52	<400	34600	<40	<66	<54	<63	<110
MW-19	4/11/2017	µg/L	180 J	<85	<81	<78	<61	<130	<75	<69	<69	<500	24600	<75	<55	<86	<100	<180
MW-19	10/18/2017	µg/L	74.9 J	<85	<81	<78	<61	<130	299	<69	<69	<500	18700	<75	<55	<86	<100	<180
MW-19	5/9/2018	µg/L	69.5 J	<85	<81	<78	<61	<130	92.4 J	<69	<69	<500	18700	<75	<55	<86	<100	<180
MW-19	11/1/2018	µg/L	92.9	<0.34	36.1	<0.31	<0.24	<0.53	0.41	6.8	<0.28	<2	21500	0.39	<0.22	11.2	<0.41	<0.72
MW-19	4/22/2019	µg/L	95.2	<85	<81	<78	<61	<130	<75	<69	<69	<500	24400	<75	<55	<86	<100	<180
MW-19	10/16/2019	µg/L	230 J	<85	<81	<78	<61	<130	<75	<69	<69	<500	37400	<75	<55	<86	<100	<180
MW-19	7/15/2020	µg/L	<120	<170	<160	<160	<120	<270	<150	<140	<140	<1000	29800	<150	<110	<170	<200	<360
MW-19	10/20/2020	µg/L	263 J	<170	<160	<160	<120	<270	<150	<140	<140	<1000	45600	<150	<110	<170	<200	<360
MW-19	4/12/2021	µg/L	<120	<170	<160	<160	<120	<270	<150	<140	<140	<1000	53900	<150	<110	<170	<200	<360
MW-19	10/18/2021	µg/L	366 J	<340	<320	<310	<240	<530	<300	<280	<280	<2000	47500	<300	<220	<350	<410	<720
MW-19	4/14/2022	µg/L	<250	<340	<320	<310	<240	<530	<300	<280	<280	2680 J	52400	<300	<220	<350	<410	<720
MW-19	11/15/2022	µg/L	<250	<340	<320	<310	<240	<530	<300	<280	<280	4750 J	18900	<300	<220	<350	<410	<720
MW-19	4/25/2023	µg/L	111	<34	63.2 J	<31	<24	<53	<30	<28	<28	<200	39100	<30	<22	<35	<41	<72
MW-19	11/8/2023	µg/L	<120	<170	<160	<160	<120	<270	<150	<140	<140	1240 J	27900	<150	<110	<170	<200	<360
MW-19	4/22/2024	µg/L	172 J	<170	<160	<160	<120	<270	<150	<140	<140	<1000	44000	<150	<110	<170	<200	<360
MW-19	10/29/2024	µg/L	<62	<85	<81	<78	<61	<130	<75	106 J	<69	706 J	23700	<75	<55	<86	<100	<180
MW-20	3/6/2014	µg/L	<3.4	<2.6	<2.5	<2.4	<2.6	<2	<3.1	4 J	<3.6	<20	648	<2	<3.4	5 J	<3.3	<6.6
MW-20	10/28/2014	µg/L	<1.7	<1.3	<1.3	<1.2	<1.3	<1	<1.6	<1.6	<1.8	<10	428	<1	<1.7	2.7 J	<1.6	<3.3
MW-20	4/21/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	2.6 J	<1	<10	452	<2	<1	4.2 J	<1.3	<2.6
MW-20	10/28/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	<1.1	<1	11.1 J	623	<2	<1	4.6 J	<1.3	<2.6
MW-20	4/12/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	0.72	<0.26	<2	480	<0.2	<0.33	3.2	<0.31	<0.56
MW-20	10/24/2016	µg/L	<2	<2.6	<2.2	<2.8	<2.4	<2.3	<3	<3.1	<2.6	<20	503	<2	<3.3	<2.7	<3.1	<5.6
MW-20	4/11/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	1.5 J	<1.4	<10	438	<1.5	<1.1	3.1 J	<2	<3.6
MW-20	10/18/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	4.8 J	<1.4	<1.4	<10	312	<1.5	<1.1	2.2 J	<2	<3.6
MW-20	5/9/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	3.3 J	<1.4	<10	388	<1.5	<1.1	3.9 J	<2	<3.6
MW-20	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2.2	<0.28	<2	462	<0.3	<0.22	3.7	<0.41	<0.72
MW-20	4/22/2019	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	<1.4	<1.4	<10	466	<1.5	<1.1	3.6	<2	<3.6
MW-20	10/16/2019	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	194	<0.75	<0.55	1.9 J	<1	<1.8
MW-20	10/20/2020	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	271	<0.75	<0.55	3.6	<1	<1.8
MW-20	4/12/2021	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	<1.4	<1.4	<10	222	<1.5	<1.1	3.1 J	<2	<3.6
MW-20	10/18/2021	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	2.1 J	<0.69	<5	187	<0.75	<0.55	3.6	<1	<1.8
MW-20	4/14/2022	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	2.2 J	<0.69	10.8 J	190	2.1 J/B/T	<0.55	3.5	<1	<1.8
MW-20	11/15/2022	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	12.9 J	<0.54	<0.75	<0.55	<0.86	<1	<1.8
MW-20	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.7	<0.28	<2	69	2.6 /B/T	<0.22	2.7	<0.41	<0.72
MW-20	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.85 J	<0.28	<2	64.7	0.89 J/B/T	<0.22	1.3	<0.41	<0.72
MW-20	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.3	<0.28	<2	90.2	<0.3	<0.22	2.3	<0.41	<0.72
MW-20	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.55 J	<0.28	<2	65.8	<0.3	0.23 J	1.5	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-21	3/11/2014	µg/L	<67	<51	<51	<48	<52	<40	<62	466	<72	765 J	16300	<40	<69	209	<65	<130
MW-21	10/28/2014	µg/L	<67	<51	<51	<48	<52	<40	<62	733	<72	<400	14500	<40	<69	354	<65	<130
MW-21	4/22/2015	µg/L	<0.26	<0.2	1	<0.2	<0.22	<0.29	<0.3	351	<0.2	<2	14500	<0.4	<0.21	225	<0.25	0.89 J
MW-21	10/28/2015	µg/L	<13	<10	<14	<10	<11	<15	<15	339	<10	<100	14600	<20	<10	180	<13	<26
MW-21	4/12/2016	µg/L	<10	<13	<11	<14	<12	<12	<15	383	<13	<100	13200	<10	<17	216	<16	<28
MW-21	10/25/2016	µg/L	<0.5	<0.64	<0.54	<0.71	<0.6	<0.58	<0.75	4.2	<0.65	<5	181	<0.5	<0.83	2.3 J	<0.79	<1.4
MW-21	4/12/2017	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	595	<0.28	<2	18000	<0.3	0.38 J	260	<0.41	1.7 J
MW-21	10/18/2017	µg/L	<62	<85	<81	<78	<61	<130	292	573	<69	<500	23900	<75	<55	252	<100	<180
MW-21	5/10/2018	µg/L	<62	<85	<81	<78	<61	<130	98.8 J	777	<69	<500	25600	<75	<55	311	<100	<180
MW-21	10/31/2018	µg/L	<62	<85	<81	<78	<61	<130	<75	889	<69	<500	23300	<75	<55	384	<100	<180
MW-21	4/23/2019	µg/L	<62	<85	<81	<78	<61	<130	<75	817	<69	<500	20800	<75	<55	314	<100	<180
MW-21	10/16/2019	µg/L	<62	<85	<81	<78	<61	<130	<75	785	<69	<500	24000	<75	<55	403	<100	<180
MW-21	4/15/2020	µg/L	<25	<34	<32	<31	<24	<53	<30	343	<28	<200	17600	<30	<22	181	<41	<72
MW-21	10/20/2020	µg/L	<50	<68	<64	<62	<48	<110	<60	689	<55	<400	13900	<60	<44	314	<82	<140
MW-21	4/14/2021	µg/L	<50	<68	<64	<62	<48	<110	<60	359	<55	<400	13600	<60	<44	199 J	<82	<140
MW-21	10/20/2021	µg/L	<50	<68	<64	<62	<48	<110	<60	464	<55	<400	14500	<60	<44	263	<82	<140
MW-21	4/14/2022	µg/L	<50	<68	<64	<62	<48	<110	<60	791	<55	409 J	10300	<60	<44	296	300	<140
MW-21	10/26/2022	µg/L	<50	<68	<64	<62	<48	<110	<60	666	<55	<400	8320	<60	<44	254	<82	<140
MW-21	4/25/2023	µg/L	<50	<68	<64	<62	<48	<110	<60	594	<55	<400	11800	<60	<44	306	<82	<140
MW-21	11/8/2023	µg/L	<50	<68	<64	<62	<48	<110	<60	600	<55	430 JB	8950	<60	<44	256	<82	<140
MW-21	3/14/2024	µg/L	<0.25	<0.34	1.1	<0.31	<0.24	<0.53	<0.3	441	<0.28	<2	8950	<0.3	0.51 J	202	<0.41	<0.72
MW-21	10/29/2024	µg/L	<25	<34	<32	<31	<24	<53	<30	462	<28	356 J	7870	<30	<22	213	<41	<72
MW-21D	3/11/2014	µg/L	<0.67	<0.51	1.5 J	<0.48	10.4	1.8 J	131	0.84 J	1.8 J	13.3	283	0.41 J	<0.69	<0.6	<0.65	<1.3
MW-21D	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	2	<0.2	<0.34	<0.3	<0.33	<0.66
MW-21D	4/20/2015	µg/L	<0.26	<0.2	0.89 J	<0.2	<0.22	<0.29	<0.3	0.3 J	<0.2	<2	29.4	<0.4	<0.21	<0.22	<0.25	<0.51
MW-21D	10/27/2015	µg/L	<0.26	<0.2	0.36 J	<0.2	<0.22	<0.29	<0.3	0.23 J	<0.2	2.2 J	90.8	<0.4	<0.21	<0.22	<0.25	<0.51
MW-21D	4/12/2016	µg/L	<0.2	<0.26	0.49	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	8.6	<0.2	<0.33	<0.27	<0.31	<0.56
MW-21D	10/25/2016	µg/L	<0.5	<0.64	1.2 J	<0.71	<0.6	<0.58	<0.75	<0.78	<0.65	<5	169	<0.5	<0.83	<0.68	<0.79	<1.4
MW-21D	4/12/2017	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	0.74 J	<0.28	<2	74.6	<0.3	<0.22	0.39 J	<0.41	<0.72
MW-21D	10/18/2017	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	0.81 J	<0.28	<2	72.9	<0.3	<0.22	0.38 J	<0.41	<0.72
MW-21D	5/9/2018	µg/L	<0.25	<0.34	1.6	<0.31	<0.24	<0.53	<0.3	0.52 J	<0.28	<2	109	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	11/1/2018	µg/L	<0.5	<0.68	1.1	<0.62	<0.48	<1.1	<0.6	0.89	<0.55	<4	357	<0.6	<0.44	<0.69	<0.82	<1.4
MW-21D	4/23/2019	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	0.44	<0.28	<2	38.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	83.8	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	9.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	9.8	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	4/14/2021	µg/L	<0.25	<0.34	0.9 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	27.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	10/20/2021	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	114	2.1 /B/T	<0.22	0.69 J	<0.41	<0.72
MW-21D	4/13/2022	µg/L	<0.5	<0.68	2	<0.62	<0.48	<1.1	<0.6	1.3 J	<0.55	5.1 J	59.9	<0.6	<0.44	<0.69	<0.82	<1.4
MW-21D	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.81 J	0.71 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-21D	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.3	1.5 /B/T	<0.22	<0.35	<0.41	<0.72
MW-21D	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	4/22/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.2	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-22D	3/11/2014	µg/L	<0.34	<0.26	2.5	<0.24	7.2	<0.2	180	0.35 J	0.68 J	<2	99.8	<0.2	<0.34	0.33 J	<0.33	<0.66
MW-22D	10/28/2014	µg/L	<0.34	<0.26	3.7	<0.24	<0.26	<0.2	<0.31	0.41 J	<0.36	<2	149	<0.2	<0.34	0.86 J	<0.33	<0.66
MW-22D	4/22/2015	µg/L	0.27 J	<0.2	3.8	<0.2	<0.22	<0.29	<0.3	0.56 J	<0.2	<2	107	<0.4	<0.21	0.68 J	<0.25	<0.51
MW-22D	10/27/2015	µg/L	0.38 J	<0.2	2.9	<0.2	<0.22	<0.29	<0.3	0.4 J	<0.2	<2	156	<0.4	<0.21	0.44 J	<0.25	<0.51
MW-22D	4/12/2016	µg/L	<0.2	<0.26	1.5	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	65.7	<0.2	<0.33	0.35	<0.31	<0.56
MW-22D	10/25/2016	µg/L	<0.2	<0.26	2.2	<0.28	<0.24	<0.23	<0.3	0.38 J	<0.26	<2	122	<0.2	<0.33	0.62 J	<0.31	<0.56
MW-22D	4/10/2017	µg/L	<0.5	<0.68	2	<0.62	<0.48	<1.1	<0.6	0.61 J	<0.55	<4	96.6	<0.6	<0.44	0.79 J	<0.82	<1.4
MW-22D	10/18/2017	µg/L	<0.25	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	0.64 J	<0.28	<2	130	<0.3	<0.22	0.63 J	<0.41	<0.72
MW-22D	5/8/2018	µg/L	<0.25	<0.34	2.9	<0.31	<0.24	<0.53	<0.3	0.93 J	<0.28	<2	106	<0.3	<0.22	0.79 J	<0.41	<0.72
MW-22D	10/31/2018	µg/L	<0.25	<0.34	2.8	<0.31	<0.24	<0.53	<0.3	0.93	<0.28	<2	159	<0.3	<0.22	0.74	<0.41	<0.72
MW-22D	4/23/2019	µg/L	<0.5	<0.68	1.6	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	133	<0.6	<0.44	<0.69	<0.82	<1.4
MW-22D	10/15/2019	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	0.34 J	<0.28	<2	82.4	<0.3	<0.22	0.48 J	<0.41	<0.72
MW-22D	4/14/2020	µg/L	<0.25	<0.34	1.4	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	81.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-22D	10/20/2020	µg/L	<0.25	<0.34	1.1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	87.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-22D	4/13/2021	µg/L	<0.25	<0.34	1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	80.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-22D	10/19/2021	µg/L	<0.25	<0.34	1.4	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	89.9	0.49 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-22D	4/13/2022	µg/L	<0.25	<0.34	1.4	<0.31	<0.24	<0.53	<0.3	0.46 J	<0.28	<2	81.8	<0.3	<0.22	<0.35	<0.41	<0.72
MW-22D	10/27/2022	µg/L	<0.25	<0.34	1.4	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	92.9	<0.3	<0.22	0.39 J	<0.41	<0.72
MW-22D	11/8/2023	µg/L	<0.25	<0.34	1.5	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	79.3	0.47 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-22D	10/29/2024	µg/L	<0.25	<0.34	1.6	<0.31	<0.24	<0.53	<0.3	0.61 J	<0.28	<2	96.9	<0.3	<0.22	0.73 J	<0.41	<0.72
MW-23D	3/12/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-23D	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-23D	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-23D	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-23D	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-23D	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-23D	4/10/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	10/27/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-24	12/4/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	2.9	<1	<10	344	<2	<1	<1.1	<1.3	<2.6
MW-24	4/12/2016	µg/L	<1	<1.3	<1.1	<1.4	<1.2	<1.2	<1.5	59.2	<1.3	<10	1160	<1	<1.7	6.1	<1.6	<2.8
MW-24	10/24/2016	µg/L	<4	<5.1	<4.3	<5.7	<4.8	<4.6	<6	22.9	<5.2	<40	1340	<4	<6.6	<5.4	<6.3	<11
MW-24	4/12/2017	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	52.7	<5.5	<40	2070	<6	<4.4	8.4 J	<8.2	<14
MW-24	10/18/2017	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	49.9	<5.5	<40	1600	7.2 J	<4.4	<6.9	<8.2	<14
MW-24	5/9/2018	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	43.5	<5.5	<40	2050	<6	<4.4	<6.9	<8.2	<14
MW-24	11/1/2018	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	55.3	<6.9	<50	2320	<7.5	<5.5	<8.6	<10	<18
MW-24	4/24/2019	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	27.4	<5.5	<40	2290	<6	<4.4	<6.9	<8.2	<14
MW-24	10/16/2019	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	34.8	<6.9	<50	2270	<7.5	<5.5	<8.6	<10	<18
MW-24	4/15/2020	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	31	<6.9	<50	2170	<7.5	<5.5	<8.6	<10	<18
MW-24	10/20/2020	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	14.8 J	<6.9	<50	1850	<7.5	<5.5	<8.6	<10	<18
MW-24	4/13/2021	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	16.8 J	<6.9	<50	1910	<7.5	<5.5	<8.6	<10	<18
MW-24	10/19/2021	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	<6.9	<6.9	<50	1230	<7.5	<5.5	<8.6	<10	<18
MW-24	4/14/2022	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	9.1 J	<6.9	59.3 J	1670	<7.5	<5.5	<8.6	<10	<18
MW-24	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	9.1	<0.28	<2	1170	<0.3	<0.22	2.8	<0.41	<0.72
MW-24	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.8	<0.28	<2	906	2.6 /B/T	<0.22	1.5	<0.41	<0.72
MW-24	11/8/2023	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	9.3 J	<5.5	<40	1150	<6	<4.4	<6.9	<8.2	<14
MW-24	3/13/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.83 J	<0.28	<2	291	0.33 J/B/T	<0.22	0.36 J	<0.41	<0.72
MW-24	10/29/2024	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	27.7	<5.5	67.9 J	1660	<6	<4.4	<6.9	<8.2	<14
MW-25D	12/4/2015	µg/L	<0.26	<0.2	3.4	<0.2	<0.22	<0.29	<0.3	1.3	<0.2	<2	129	<0.4	<0.21	0.95	<0.25	<0.51
MW-25D	4/12/2016	µg/L	<0.2	<0.26	3.4	<0.28	<0.24	<0.23	<0.3	1.1	<0.26	<2	74.8	<0.2	<0.33	0.96	<0.31	<0.56
MW-25D	10/25/2016	µg/L	<0.4	<0.51	2.3	<0.57	<0.48	<0.46	<0.6	0.89 J	<0.52	6.1 J	125	<0.4	<0.66	0.84 J	<0.63	<1.1
MW-25D	4/10/2017	µg/L	<0.5	<0.68	3.1	<0.62	<0.48	<1.1	<0.6	1 J	<0.55	<4	105	<0.6	<0.44	0.88 J	<0.82	<1.4
MW-25D	10/18/2017	µg/L	<0.25	<0.34	3.1	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	116	<0.3	<0.22	0.8 J	<0.41	<0.72
MW-25D	5/8/2018	µg/L	<0.25	<0.34	3.8	<0.31	<0.24	<0.53	<0.3	1.4	<0.28	<2	123	<0.3	<0.22	0.98 J	<0.41	<0.72
MW-25D	10/31/2018	µg/L	<0.5	<0.68	3.3	<0.62	<0.48	<1.1	<0.6	1.7	<0.55	<4	158	<0.6	<0.44	0.91	<0.82	<1.4
MW-25D	4/23/2019	µg/L	<0.5	<0.68	3.1	<0.62	<0.48	<1.1	<0.6	1	<0.55	<4	195	<0.6	<0.44	1.2	<0.82	<1.4
MW-25D	10/15/2019	µg/L	<0.62	<0.85	2.5	<0.78	<0.61	<1.3	<0.75	0.8 J	<0.69	<5	130	<0.75	<0.55	1.2 J	<1	<1.8
MW-25D	4/14/2020	µg/L	<0.5	<0.68	2.4	<0.62	<0.48	<1.1	<0.6	0.97 J	<0.55	<4	102	<0.6	<0.44	0.95 J	<0.82	<1.4
MW-25D	10/19/2020	µg/L	<0.5	<0.68	2.3	<0.62	<0.48	<1.1	<0.6	1.2 J	<0.55	<4	124	<0.6	<0.44	1 J	<0.82	<1.4
MW-25D	4/13/2021	µg/L	<0.5	<0.68	2.1	<0.62	<0.48	<1.1	<0.6	0.8 J	<0.55	<4	110	<0.6	<0.44	0.85 J	<0.82	<1.4
MW-25D	10/19/2021	µg/L	<0.5	<0.68	2.5	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	115	<0.6	<0.44	<0.69	<0.82	<1.4
MW-25D	4/13/2022	µg/L	<0.5	<0.68	1.7 J	<0.62	<0.48	<1.1	<0.6	1.1 J	<0.55	4.7 J	96.1	<0.6	<0.44	<0.69	<0.82	<1.4
MW-25D	10/27/2022	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	0.87 J	<0.28	<2	90.1	<0.3	<0.22	0.78 J	<0.41	<0.72
MW-25D	4/25/2023	µg/L	<0.25	<0.34	2.2	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	101	3.7 /B/T	<0.22	<0.35	<0.41	<0.72
MW-25D	11/8/2023	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	63.3	<0.3	<0.22	<0.35	<0.41	<0.72
MW-25D	4/23/2024	µg/L	<0.25	<0.34	2.3	<0.31	<0.24	<0.53	<0.3	1.3	<0.28	<2	83.4	<0.3	<0.22	1	<0.41	<0.72
MW-25D	10/29/2024	µg/L	<0.25	<0.34	2.1	<0.31	<0.24	<0.53	<0.3	1.2	<0.28	<2	88	<0.3	<0.22	1.3	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-ethane	Bromo-dichloro-methane	Carbon disulfide	Chloro-form	cis-1,2-Dichloro-ethylene	Dibromo-chloro-methane	Methylene Chloride	Tetra-chloro-ethylene	Toluene	trans-1,2-Dichloro-ethylene	Trichloro-ethylene	Vinyl Chloride	Xylene (total)
MW-26D	12/4/2015	µg/L	<0.26	<0.2	1.9	<0.2	<0.22	<0.29	<0.3	1.1	<0.2	<2	98.1	<0.4	<0.21	1.1	<0.25	<0.51
MW-26D	4/12/2016	µg/L	<0.2	<0.26	1.8	<0.28	<0.24	<0.23	<0.3	0.93	<0.26	<2	62.6	<0.2	<0.33	1.1	<0.31	<0.56
MW-26D	10/25/2016	µg/L	<0.2	<0.26	1.6	<0.28	<0.24	<0.23	<0.3	1	<0.26	<2	75	<0.2	<0.33	0.97 J	<0.31	<0.56
MW-26D	4/10/2017	µg/L	<0.25	<0.34	1.9	<0.31	<0.24	<0.53	<0.3	0.97 J	<0.28	<2	75.2	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/18/2017	µg/L	<0.25	<0.34	1.9	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	76	<0.3	<0.22	1.1	<0.41	<0.72
MW-26D	5/8/2018	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	1.2	<0.28	<2	88.6	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/31/2018	µg/L	<0.25	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	1.6	<0.28	<2	89.5	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	4/23/2019	µg/L	<0.25	<0.34	1.3	<0.31	<0.24	<0.53	<0.3	0.79	<0.28	<2	89.9	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/15/2019	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	84.1	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	4/14/2020	µg/L	<0.25	<0.34	1.3	<0.31	<0.24	<0.53	<0.3	0.83 J	<0.28	<2	55.7	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/20/2020	µg/L	<0.25	<0.34	1.3	<0.31	<0.24	<0.53	<0.3	1	<0.28	<2	69.3	<0.3	<0.22	1.1	<0.41	<0.72
MW-26D	4/13/2021	µg/L	<0.25	<0.34	0.95 J	<0.31	<0.24	<0.53	<0.3	0.88 J	<0.28	<2	53.3	<0.3	<0.22	0.83 J	<0.41	<0.72
MW-26D	10/19/2021	µg/L	<0.25	<0.34	0.99 J	<0.31	<0.24	<0.53	<0.3	1	<0.28	<2	52.4	0.8 J/B/T	<0.22	1.1	<0.41	<0.72
MW-26D	4/13/2022	µg/L	<0.25	<0.34	1	<0.31	<0.24	<0.53	<0.3	0.98 J	<0.28	<2	52.1	0.73 J/B/T	<0.22	1	<0.41	<0.72
MW-26D	10/27/2022	µg/L	<0.25	<0.34	0.7 J	<0.31	<0.24	<0.53	<0.3	0.68 J	<0.28	<2	60.3	<0.3	<0.22	0.8 J	<0.41	<0.72
MW-26D	11/8/2023	µg/L	<0.25	<0.34	0.72 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	42.3	<0.3	<0.22	0.73 J	<0.41	<0.72
MW-26D	10/29/2024	µg/L	<0.25	<0.34	0.48 J	<0.31	<0.24	<0.53	<0.3	0.44 J	<0.28	<2	28.3	<0.3	<0.22	0.56 J	<0.41	<0.72
MW-27	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.39 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.5 /B/T	<0.22	<0.35	<0.41	<0.72
MW-27	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.83 J	<0.22	<0.35	<0.41	<0.72
MW-27	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-28	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.24 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-28	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.69 J	<0.22	<0.35	<0.41	<0.72
MW-28	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	5.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.56 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/26/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-30D	4/13/2017	µg/L	<0.25	<0.34	2.3	<0.31	<0.24	<0.53	0.41 J	0.64 J	<0.28	<2	75.2	<0.3	<0.22	0.87 J	<0.41	<0.72
MW-30D	10/18/2017	µg/L	<0.25	<0.34	2.1	<0.31	<0.24	<0.53	<0.3	0.43 J	<0.28	<2	88.1	<0.3	<0.22	0.49 J	<0.41	<0.72
MW-30D	5/8/2018	µg/L	<0.25	<0.34	3.1	<0.31	<0.24	0.65 J	<0.3	0.97 J	<0.28	<2	86.7	<0.3	<0.22	1.1	<0.41	<0.72
MW-30D	10/29/2018	µg/L	<0.25	<0.34	3.3	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	140	<0.3	<0.22	1	<0.41	<0.72
MW-30D	4/22/2019	µg/L	<0.5	<0.68	2.4	<0.62	<0.48	<1.1	<0.6	1	<0.55	<4	149	<0.6	<0.44	<0.69	<0.82	<1.4
MW-30D	10/14/2019	µg/L	<0.5	<0.68	2.3	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	107	<0.6	<0.44	0.77 J	<0.82	<1.4
MW-30D	4/14/2020	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	67.9	<0.3	<0.22	1.3	<0.41	<0.72
MW-30D	10/19/2020	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	0.99 J	<0.28	<2	80.2	<0.3	<0.22	0.8 J	<0.41	<0.72
MW-30D	4/12/2021	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	87.7	<0.3	<0.22	1.2	<0.41	<0.72
MW-30D	10/19/2021	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	1.2	<0.28	<2	85.9	0.42 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-30D	4/13/2022	µg/L	<0.25	<0.34	1.5	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	68.4	<0.3	<0.22	1.1	<0.41	<0.72
MW-30D	10/27/2022	µg/L	<0.25	<0.34	0.82 J	<0.31	<0.24	<0.53	<0.3	0.6 J	<0.28	<2	67.4	<0.3	<0.22	0.79 J	<0.41	<0.72
MW-30D	4/25/2023	µg/L	<0.25	<0.34	1.6	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	90.4	2.2 /B/T	<0.22	1.1	<0.41	<0.72
MW-30D	11/8/2023	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	53.2	0.62 J/B/T	<0.22	0.73 J	<0.41	<0.72
MW-30D	4/23/2024	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	65.2 /M/Dm	<0.3	<0.22	1.4	<0.41	<0.72
MW-30D	10/29/2024	µg/L	<0.25	<0.34	1.5	<0.31	<0.24	<0.53	<0.3	0.93 J	<0.28	<2	93.5	<0.3	<0.22	1.1	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-31D	4/13/2017	µg/L	<0.25	<0.34	3.1	<0.31	0.82 J	<0.53	1.8	<0.28	<0.28	<2	89.2	<0.3	<0.22	0.41 J	<0.41	2.6 J
MW-31D	10/18/2017	µg/L	<0.25	<0.34	4.7	<0.31	<0.24	<0.53	<0.3	2	<0.28	<2	161	<0.3	<0.22	0.61 J	<0.41	<0.72
MW-31D	5/8/2018	µg/L	<0.25	<0.34	6	<0.31	<0.24	<0.53	<0.3	2.5	<0.28	<2	181	<0.3	<0.22	1	<0.41	<0.72
MW-31D	10/29/2018	µg/L	<0.5	<0.68	4.8	<0.62	<0.48	<1.1	<0.6	2.6	<0.55	<4	230	<0.6	<0.44	0.87	<0.82	<1.4
MW-31D	4/22/2019	µg/L	<0.62	<0.85	4	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	232	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	10/14/2019	µg/L	<0.62	<0.85	4.4	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	192	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	4/14/2020	µg/L	<0.62	<0.85	3.2	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	130	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	10/19/2020	µg/L	<0.62	<0.85	3	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	144	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	4/12/2021	µg/L	<0.62	<0.85	2.6	<0.78	<0.61	<1.3	<0.75	0.47 J	<0.69	<5	92.2	<0.75	<0.55	0.43 J	<1	<1.8
MW-31D	10/19/2021	µg/L	<0.5	<0.68	3.4	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	137	1.1 J/B/T	<0.44	<0.69	<0.82	<1.4
MW-31D	4/13/2022	µg/L	<0.5	<0.68	2.6	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	5.7 J	126	<0.6	<0.44	<0.69	<0.82	<1.4
MW-31D	10/27/2022	µg/L	<0.25	<0.34	2.1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	115	<0.3	<0.22	<0.35	<0.41	<0.72
MW-31D	4/25/2023	µg/L	<0.25	<0.34	3.3	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	134	1.3 /B/T	<0.22	<0.35	<0.41	<0.72
MW-31D	11/8/2023	µg/L	<0.25	<0.34	3.7	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	128	<0.3	<0.22	<0.35	<0.41	<0.72
MW-31D	4/23/2024	µg/L	<0.25	<0.34	3.2	<0.31	<0.24	<0.53	<0.3	0.51 J	<0.28	<2	115	<0.3	<0.22	0.55 J	<0.41	<0.72
MW-31D	10/29/2024	µg/L	<0.5	<0.68	2.7	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	5 J	174	<0.6	<0.44	<0.69	<0.82	<1.4
MW-32D	4/13/2017	µg/L	<0.25	<0.34	0.63 J	<0.31	0.27 J	<0.53	0.79 J	<0.28	<0.28	<2	25	<0.3	<0.22	0.36 J	<0.41	1.2 J
MW-32DR	10/18/2017	µg/L	<0.25	<0.34	0.69 J	<0.31	<0.24	<0.53	<0.3	0.33 J	<0.28	<2	26.4	<0.3	<0.22	0.36 J	<0.41	<0.72
MW-32DR	5/8/2018	µg/L	<0.25	<0.34	0.97 J	<0.31	<0.24	<0.53	0.56 J	0.55 J	<0.28	<2	30.4	<0.3	<0.22	0.55 J	<0.41	<0.72
MW-32DR	10/31/2018	µg/L	<0.25	<0.34	0.92	<0.31	<0.24	<0.53	<0.3	0.51	<0.28	<2	39	<0.3	<0.22	0.39	<0.41	<0.72
MW-32DR	4/23/2019	µg/L	<0.25	<0.34	0.62	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	33.9	<0.3	<0.22	0.6	<0.41	<0.72
MW-32DR	10/15/2019	µg/L	<0.25	<0.34	0.66 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	30.5	<0.3	<0.22	0.47 J	<0.41	<0.72
MW-32DR	4/14/2020	µg/L	<0.25	<0.34	0.62 J	<0.31	<0.24	<0.53	<0.3	0.4 J	<0.28	<2	26.2	<0.3	<0.22	0.52 J	<0.41	<0.72
MW-32DR	10/20/2020	µg/L	<0.25	<0.34	0.41 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	26.3	<0.3	<0.22	0.47 J	<0.41	<0.72
MW-32DR	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	16.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-32DR	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	14.3	0.92 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-32DR	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	18.7	0.3 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-32DR	10/27/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	22.2	<0.3	<0.22	<0.35	<0.41	<0.72
MW-32DR	4/25/2023	µg/L	<0.25	<0.34	0.37 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	25.3	2.1 /JB/AT	<0.22	<0.35	<0.41	<0.72
MW-32DR	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	19.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-32DR	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	19.2	<0.3	<0.22	<0.35	<0.41	<0.72
MW-32DR	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	26.5	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-33D	11/25/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1	<0.22	<0.35	<0.41	<0.72
MW-33D	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	22.4	0.51 J	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-33D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.35 J	<0.28	<0.28	<2	<0.22	0.33 J	<0.22	<0.35	<0.41	<0.72
MW-33D	4/12/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-33D	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	3.7 /B/T	<0.22	<0.35	<0.41	<0.72
MW-33D	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.48 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-33D	10/27/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-33D	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.5 /B/T	<0.22	<0.35	<0.41	<0.72
MW-33D	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.9 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-33D	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-33D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	11/25/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.88 J	<0.28	<0.28	<2	<0.22	1.1	<0.22	<0.35	<0.41	<0.72
MW-34D	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2 /B/T	<0.22	<0.35	<0.41	<0.72
MW-34D	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	2.2 /B/T	<0.22	<0.35	<0.41	<0.72
MW-34D	10/27/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	4.1 /B/T	<0.22	<0.35	<0.41	<0.72
MW-34D	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	11/25/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2	<0.22	<0.35	<0.41	<0.72
MW-35D	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2 /B/T	<0.22	<0.35	<0.41	<0.72
MW-35D	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.61 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-35D	10/27/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	3.4 /B/T	<0.22	<0.35	<0.41	<0.72
MW-35D	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
MW-36D	11/25/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.61 J	<0.28	<0.28	<2	<0.22	0.78 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-36D	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-36D	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.52 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-36D	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.24 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-36D	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	4.1 /B/T	<0.22	<0.35	<0.41	<0.72
MW-36D	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.38 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-36D	10/27/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-36D	4/25/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	2.3 /B/T	<0.22	<0.35	<0.41	<0.72
MW-36D	11/8/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.5 /B/T	<0.22	<0.35	<0.41	<0.72
MW-36D	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-36D	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-37	7/16/2020	µg/L	40.3 J	<34	70.8 J	<31	<24	<53	<30	<28	<28	<200	13700	<30	<22	<35	<41	<72
MW-37	10/20/2020	µg/L	104 J	<85	95.2 J	<78	<61	<130	<75	<69	<69	<500	24700	<75	<55	<86	<100	<180
MW-37	4/12/2021	µg/L	<62	<85	<81	<78	<61	<130	<75	<69	<69	<500	17400	<75	<55	<86	<100	<180
MW-37	10/18/2021	µg/L	<62	<85	93.5 J	<78	<61	<130	<75	<69	<69	<500	16200	98.7 J/B/T	<55	<86	<100	967
MW-37	4/14/2022	µg/L	134 J	<85	113 J	<78	<61	<130	<75	<69	<69	661 J	27100	<75	<55	<86	<100	<180
MW-37	11/15/2022	µg/L	<120	<170	<160	<160	<120	<270	<150	<140	<140	2400 J	16500	<150	<110	<170	<200	<360
MW-37	4/25/2023	µg/L	<120	<170	<160	<160	<120	<270	<150	<140	<140	<1000	35900	<150	<110	<170	<200	<360
MW-37	11/8/2023	µg/L	<25	<34	<32	<31	<24	<53	<30	<28	<28	267 J	7900	<30	<22	<35	<41	<72
MW-37	3/13/2024	µg/L	17.7	<0.34	27.3	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	7770	<0.3	<0.22	1.2	<0.41	<0.72
MW-37	10/29/2024	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	<5.5	<5.5	43.7 J	1600	<6	<4.4	<6.9	<8.2	<14
MWT-4	8/24/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	68.8	NA	<1.00	136000	8.79	2.03	477	<1.00	37
MWT-5	8/24/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.03	<1.00	<1.00	<1.00	<1.00	<3.00
SW-01-LC	1/5/2018	µg/L	NA	NA	NA	NA	NA	NA	NA	<0.08	NA	NA	2.4	NA	NA	<0.11	<0.11	NA
SW-01-LC	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.53 J	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.44 J	<0.28	<2	2.9	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.1	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.8	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.0	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	10/25/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.4	0.37 J	<0.22	<0.35	<0.41	<0.72
SW-01-LC	4/24/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1 /B/T	<0.22	<0.35	<0.41	<0.72
SW-01-LC	11/7/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.4	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.9	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.5	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix D
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloro- ethane	1,1- Dichloro- ethane	1,1- Dichloro- ethylene	1,2- Dichloro- ethane	Bromo- dichloro- methane	Carbon disulfide	Chloro- form	cis-1,2- Dichloro- ethylene	Dibromo- chloro- methane	Methylene Chloride	Tetra- chloro- ethylene	Toluene	trans-1,2- Dichloro- ethylene	Trichloro- ethylene	Vinyl Chloride	Xylene (total)
SW-02-LC	1/5/2018	µg/L	NA	NA	NA	NA	NA	NA	NA	<0.08	NA	NA	<0.14	NA	NA	<0.11	<0.11	NA
SW-02-LC	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	10/25/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	4/24/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	11/7/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	1/5/2018	µg/L	NA	NA	NA	NA	NA	NA	NA	<0.08	NA	NA	<0.14	NA	NA	<0.11	<0.11	NA
SW-03-HMB	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.84 J	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	10/25/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.64 J	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	4/24/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.48 J/B/T	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	11/7/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.55 J	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.43 J/B/T	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	4/24/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	11/7/2023	µg/L	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY	NA - DRY
SW-04-TLC	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.8 J	<0.22	<0.35	<0.41	<0.72
SW-05-LC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-05-LC	10/25/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-05-LC	4/24/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.89 J/B/T	<0.22	<0.35	<0.41	<0.72
SW-05-LC	11/7/2023	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.7 J	<0.3	<0.22	<0.35	<0.41	<0.72
SW-05-LC	4/23/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.96 J	<0.3	<0.22	<0.35	<0.41	<0.72
SW-05-LC	10/29/2024	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.2	<0.3	<0.22	<0.35	<0.41	<0.72
SW-1	6/5/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	1	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
SW-1	1/9/2008	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	NA	<1.0	<1.0	<1.0	NA
SW-1	11/4/2009	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	NA	<1.0	<1.0	<1.0	NA
SW-1	4/29/2010	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	NA	<1.0	<1.0	<1.0	NA

Notes:
µg/L - micrograms per liter NA - Not available/not analyzed NS - No standard

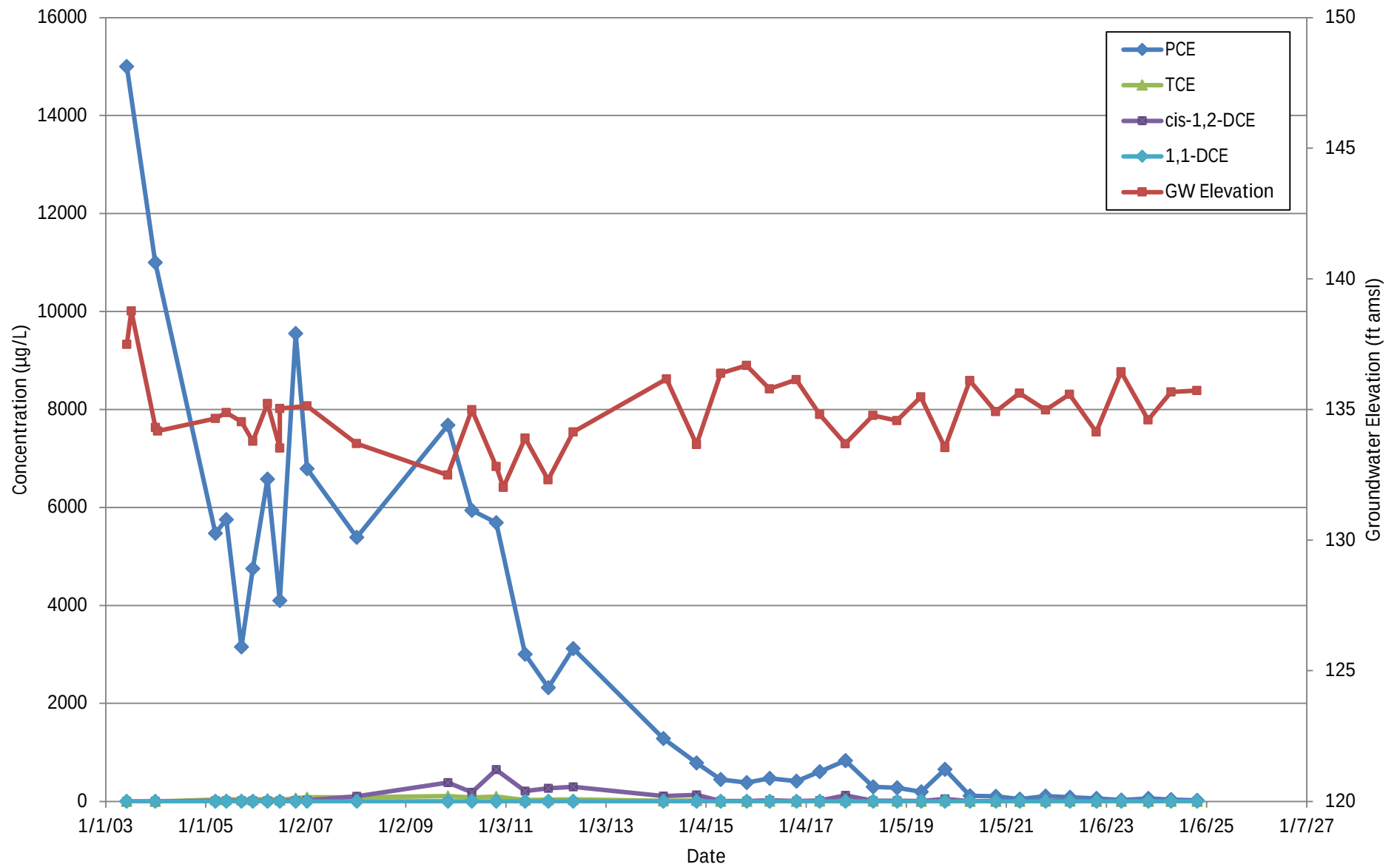
Data Qualifiers:
E - Indicates value exceeds calibration range
J - Estimated concentration above the method detection limit and below the reporting limit.
/B - The analyte was found in an associated blank as well as the sample.
/J/A - The analyte was positively identified. The quantitation is estimation. Percent difference between the primary and duplicate sample exceeded the established criteria.
/M/M - A matrix effect was present. Matrix spike recovery exceeded established criteria.
/M/m - A matrix effect was present. Matrix spike recovery below established criteria.
/h - Holding time exceeded by less than two times.
/T - Detected in the associated trip blank.

Appendix E

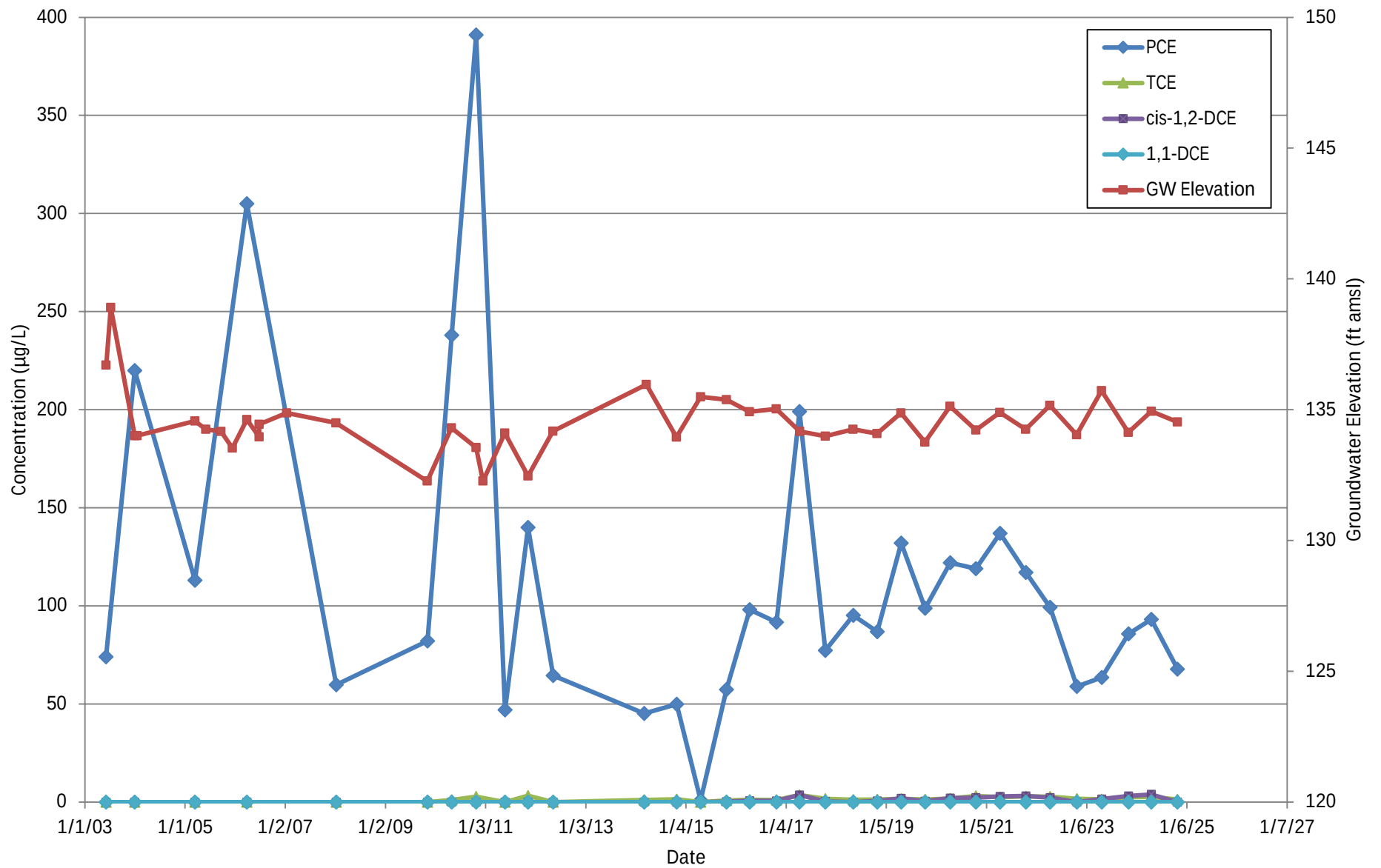
Trend Data

Trend Plots
Mann Kendall Analysis

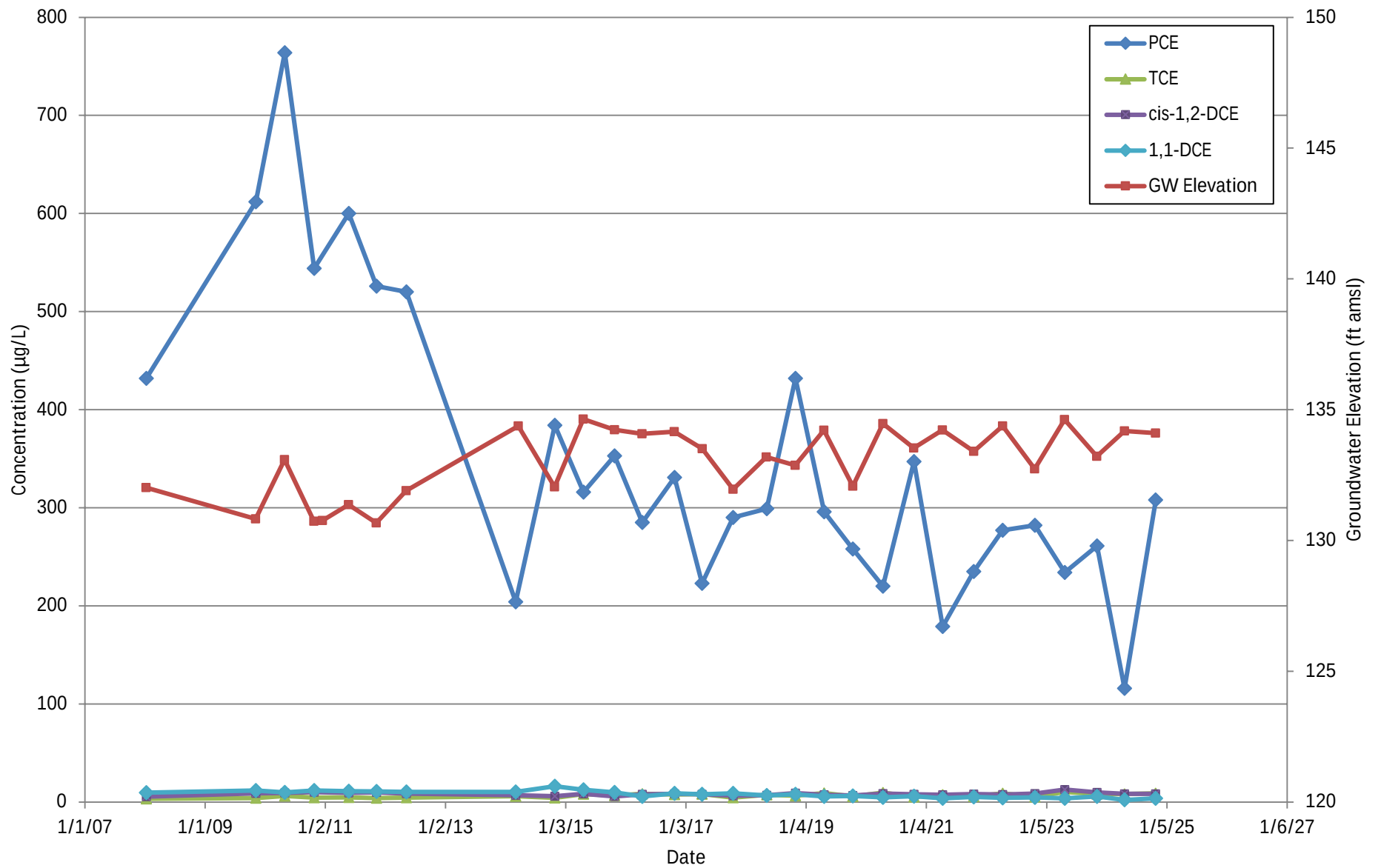
MW-1 Concentrations and Groundwater Elevation with Time



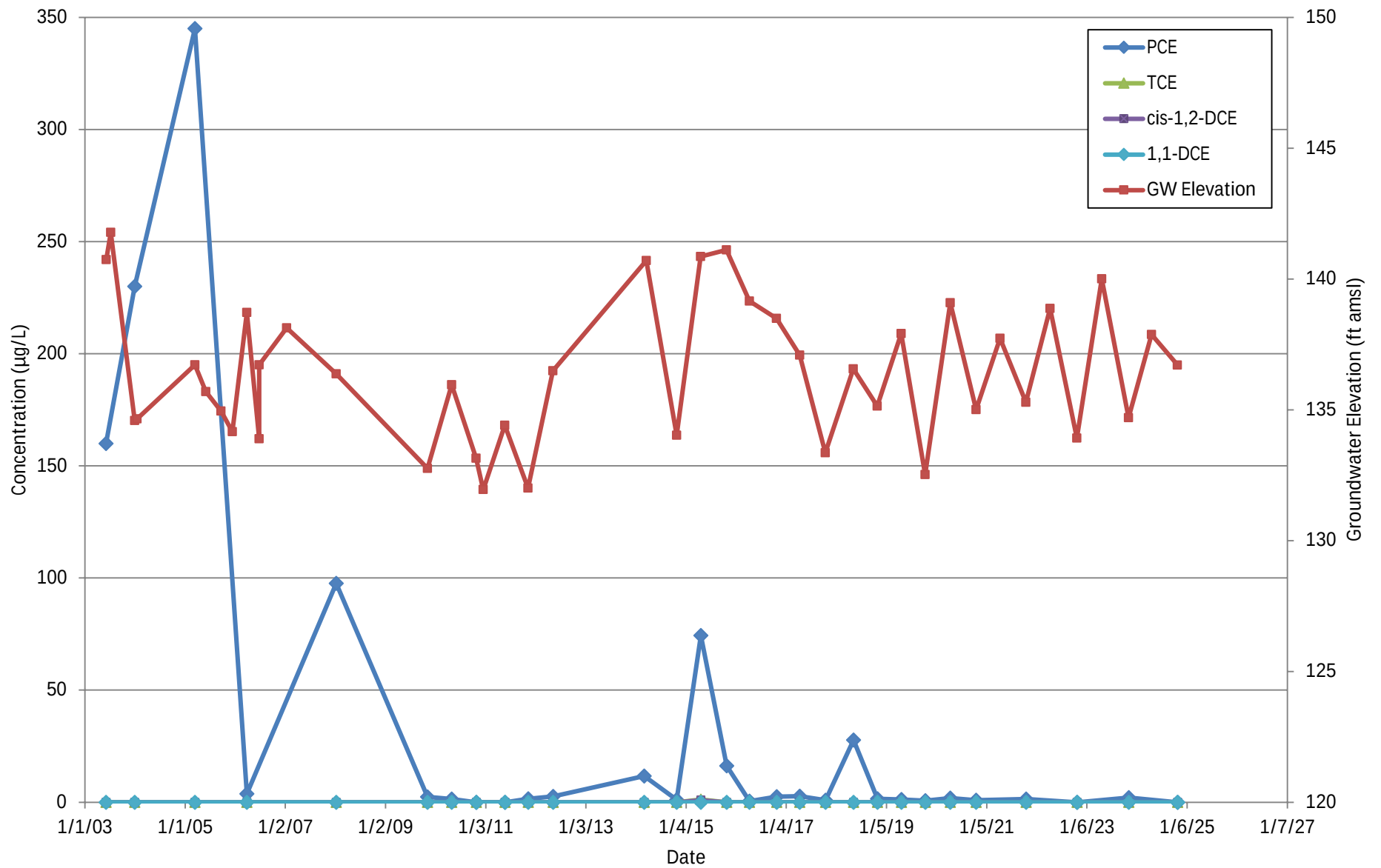
MW-3 Concentrations and Groundwater Elevation with Time



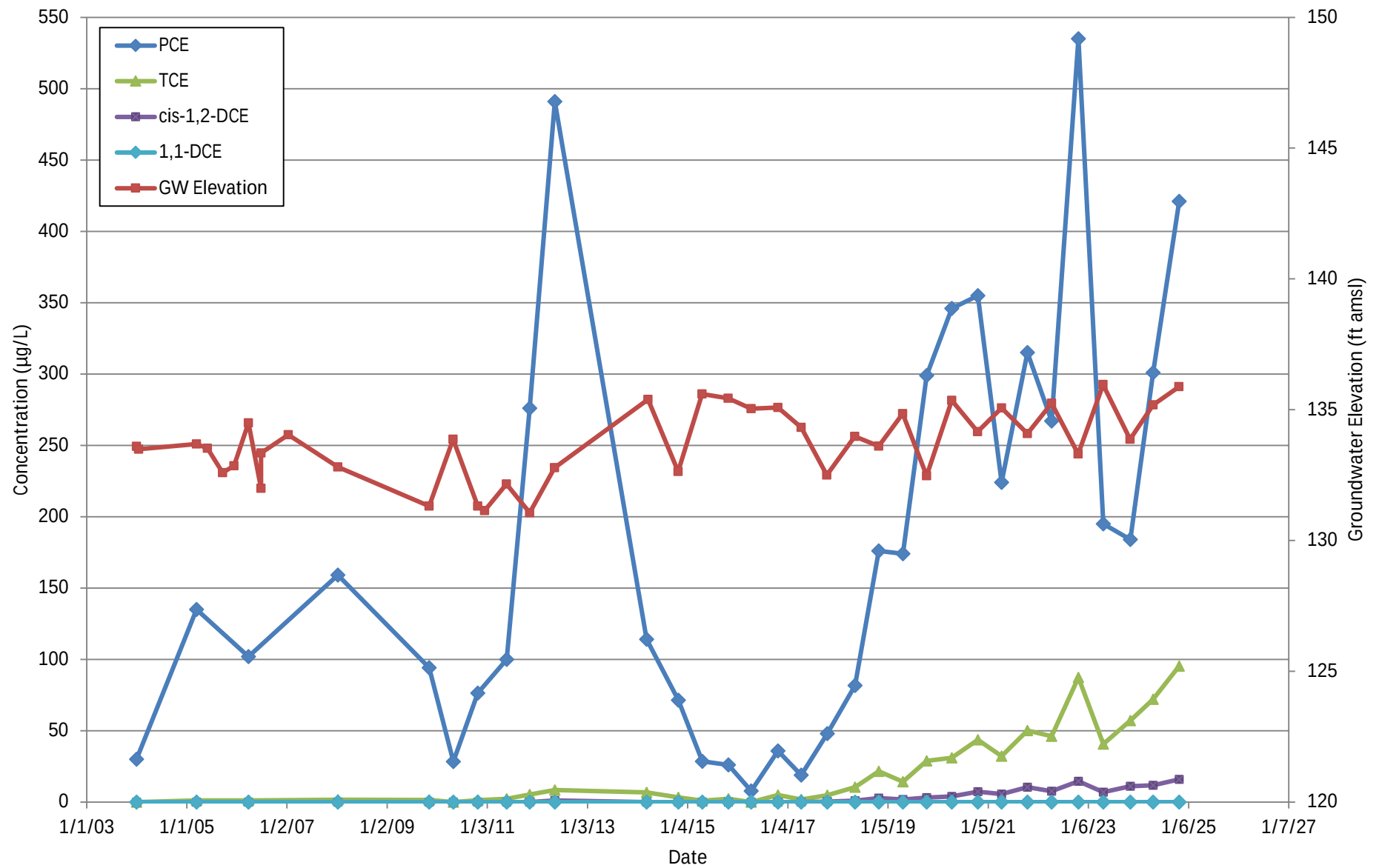
MW-3D Concentrations and Groundwater Elevation with Time



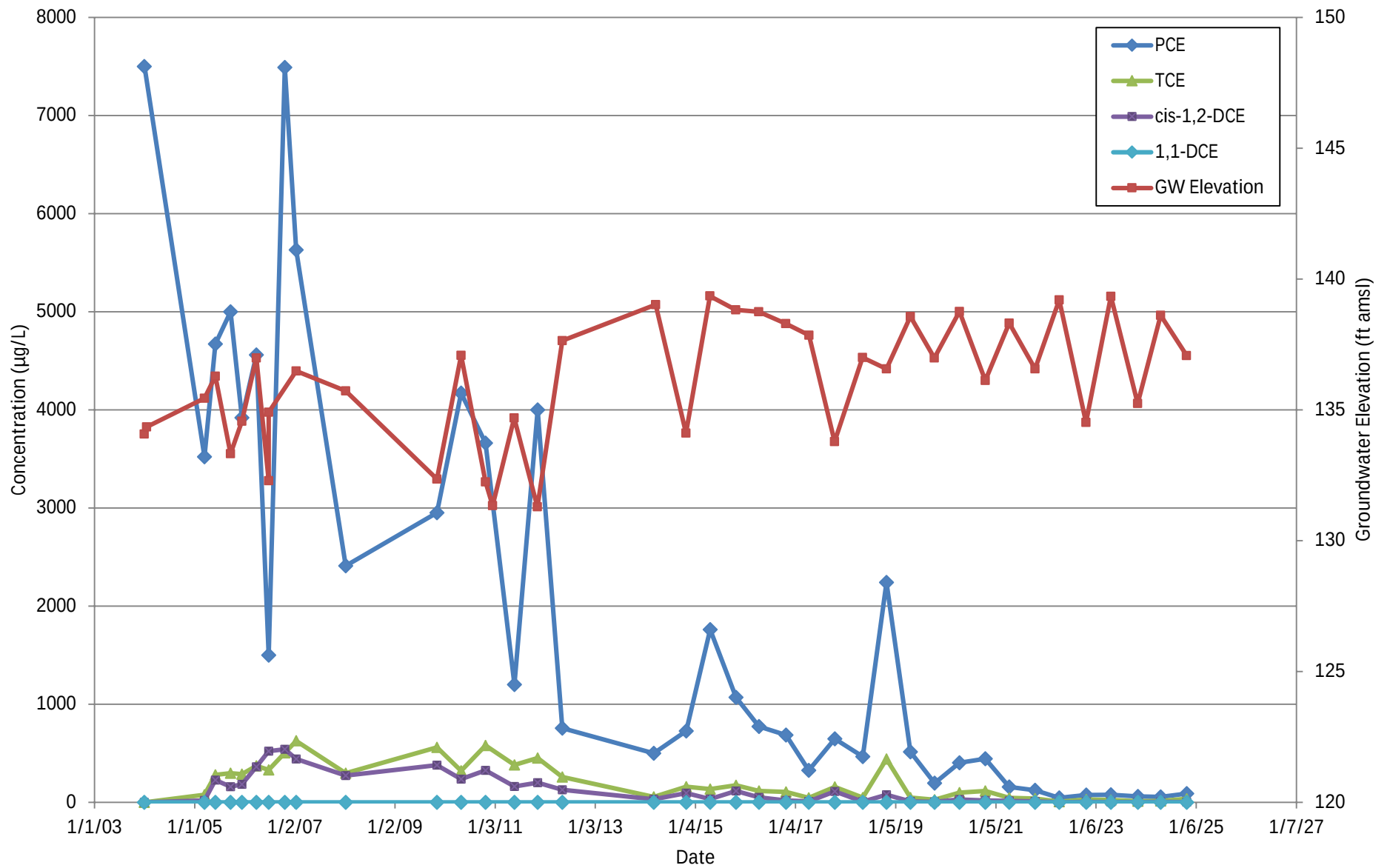
MW-5 Concentrations and Groundwater Elevation with Time



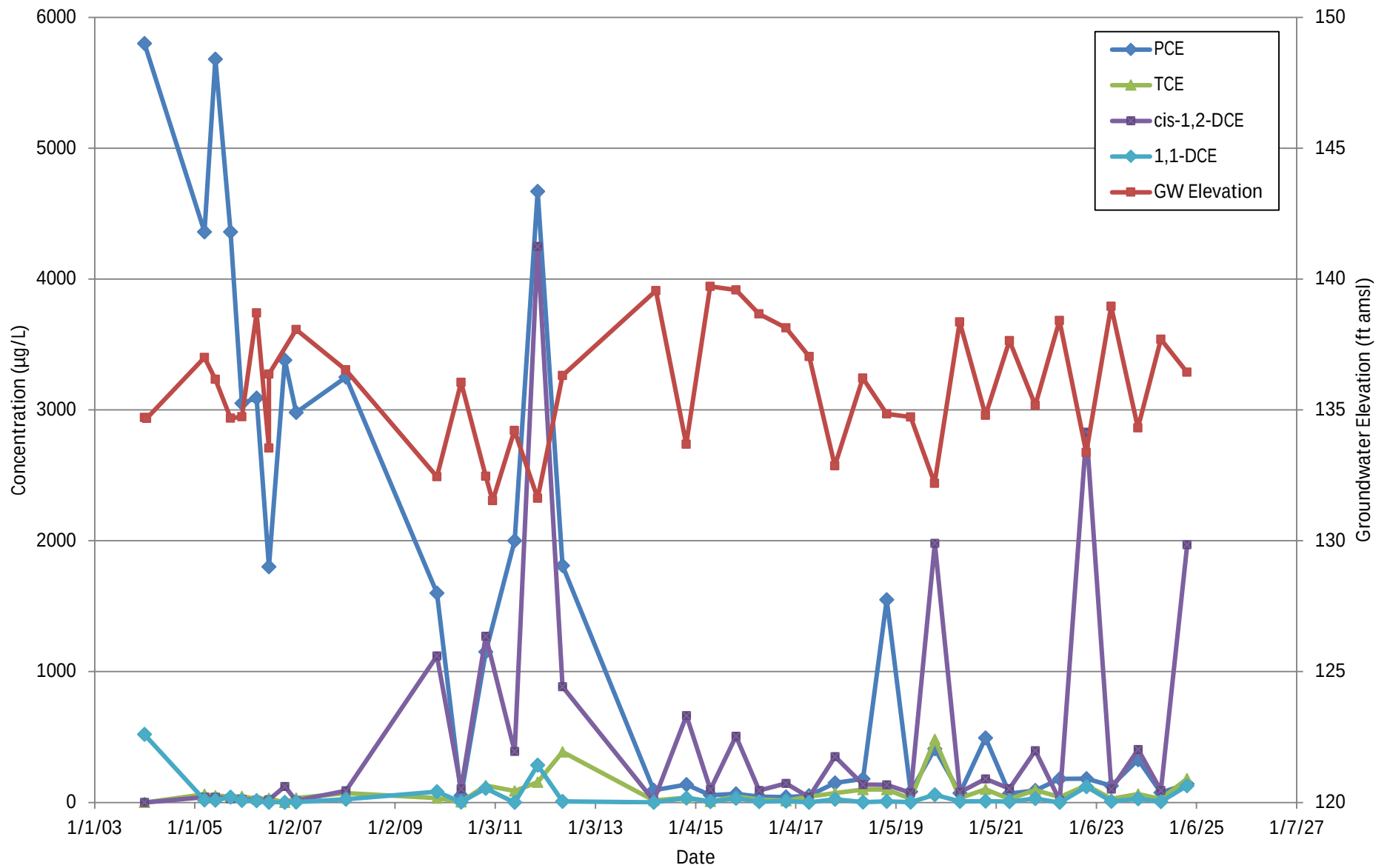
MW-8 Concentrations and Groundwater Elevation with Time



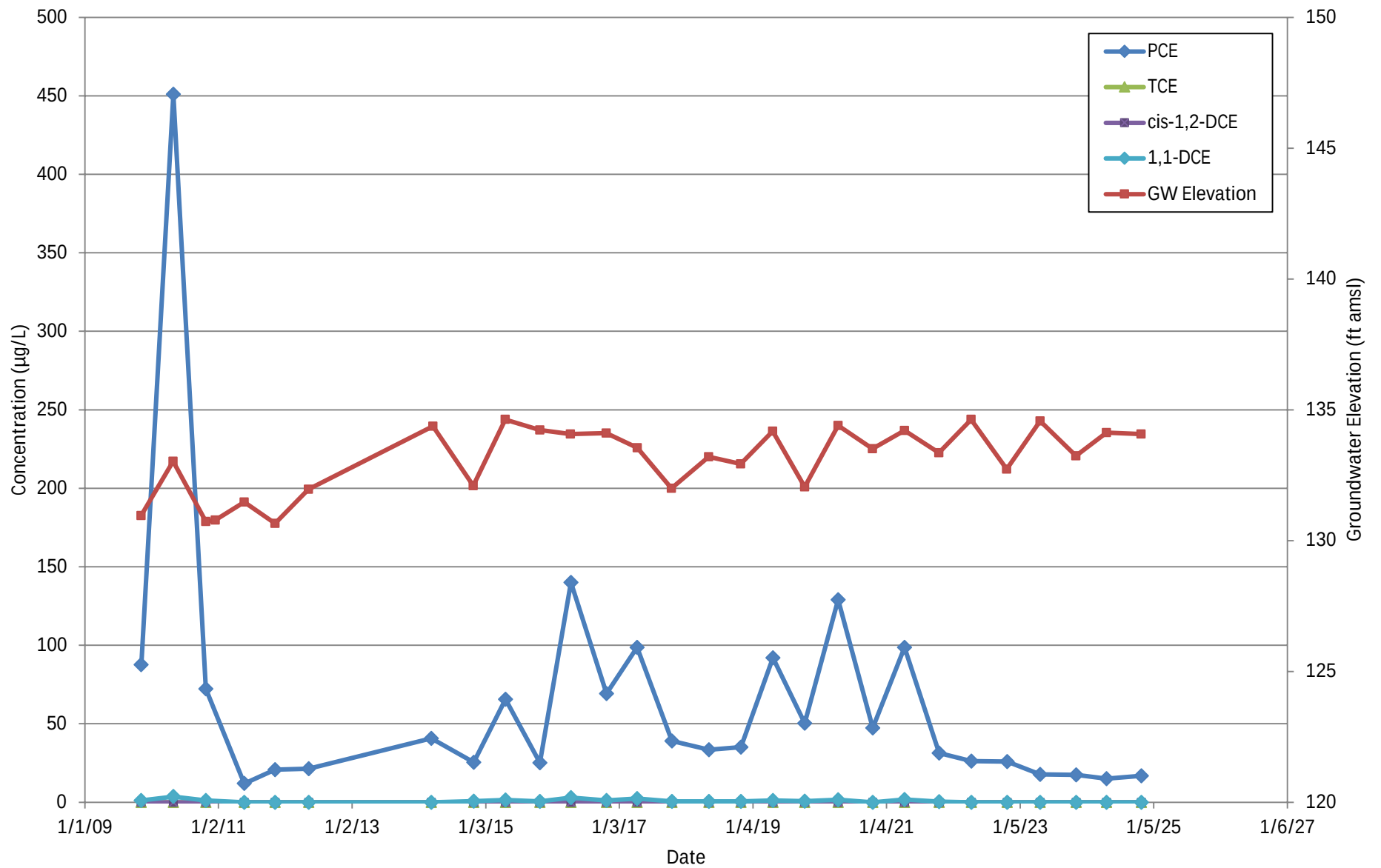
MW-9 Concentrations and Groundwater Elevation with Time



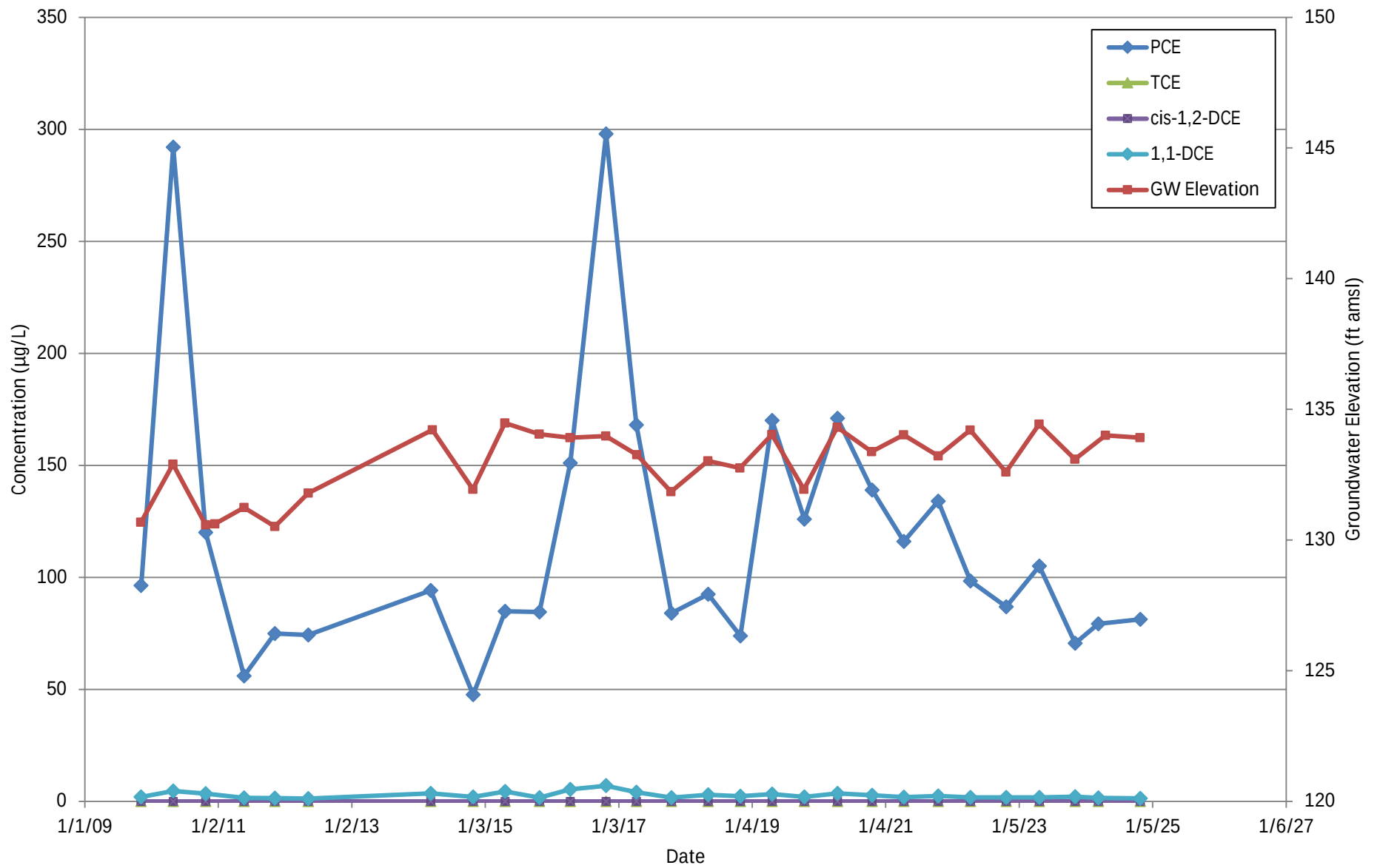
MW-10 Concentrations and Groundwater Elevation with Time



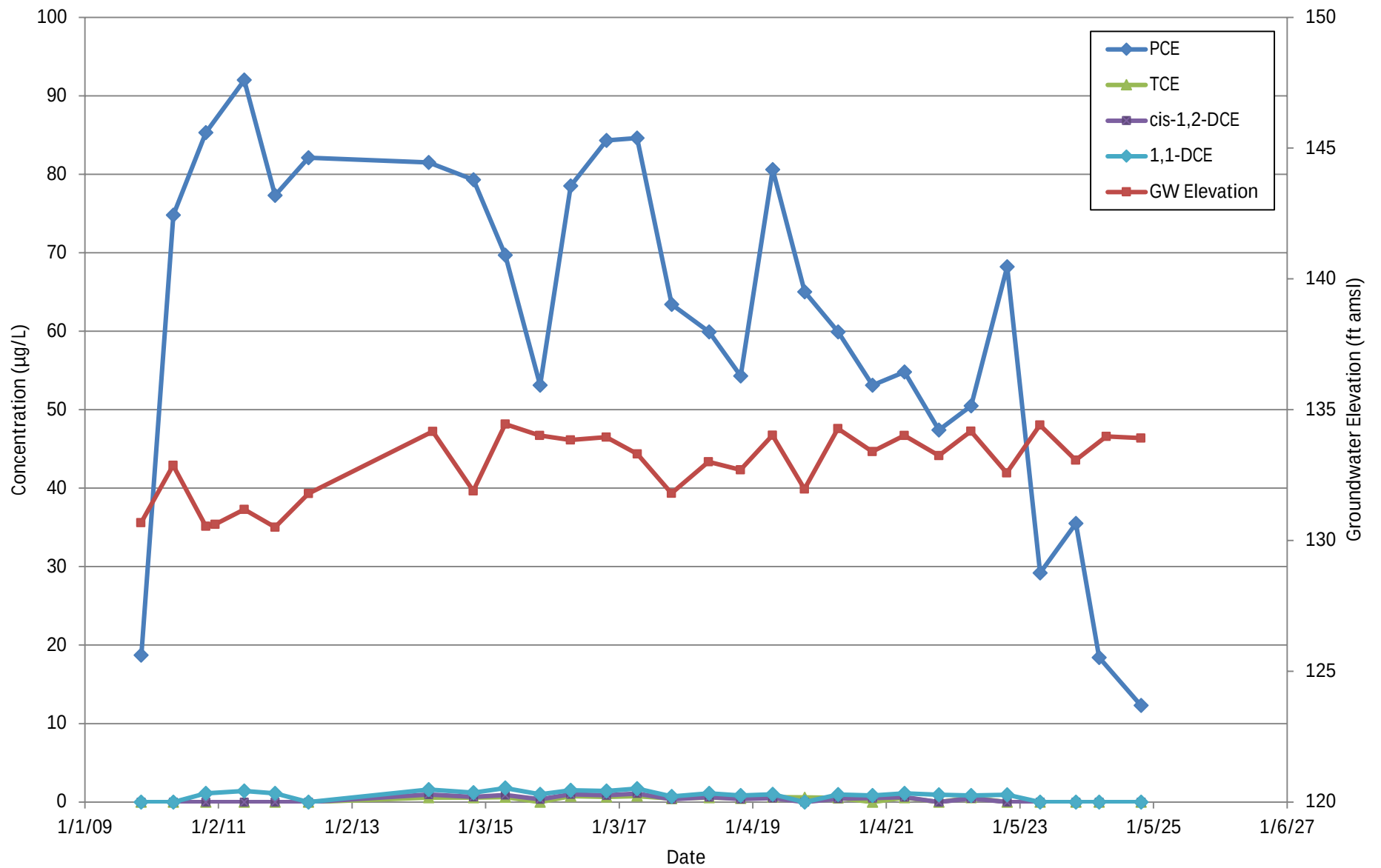
MW-12D Concentrations and Groundwater Elevation with Time



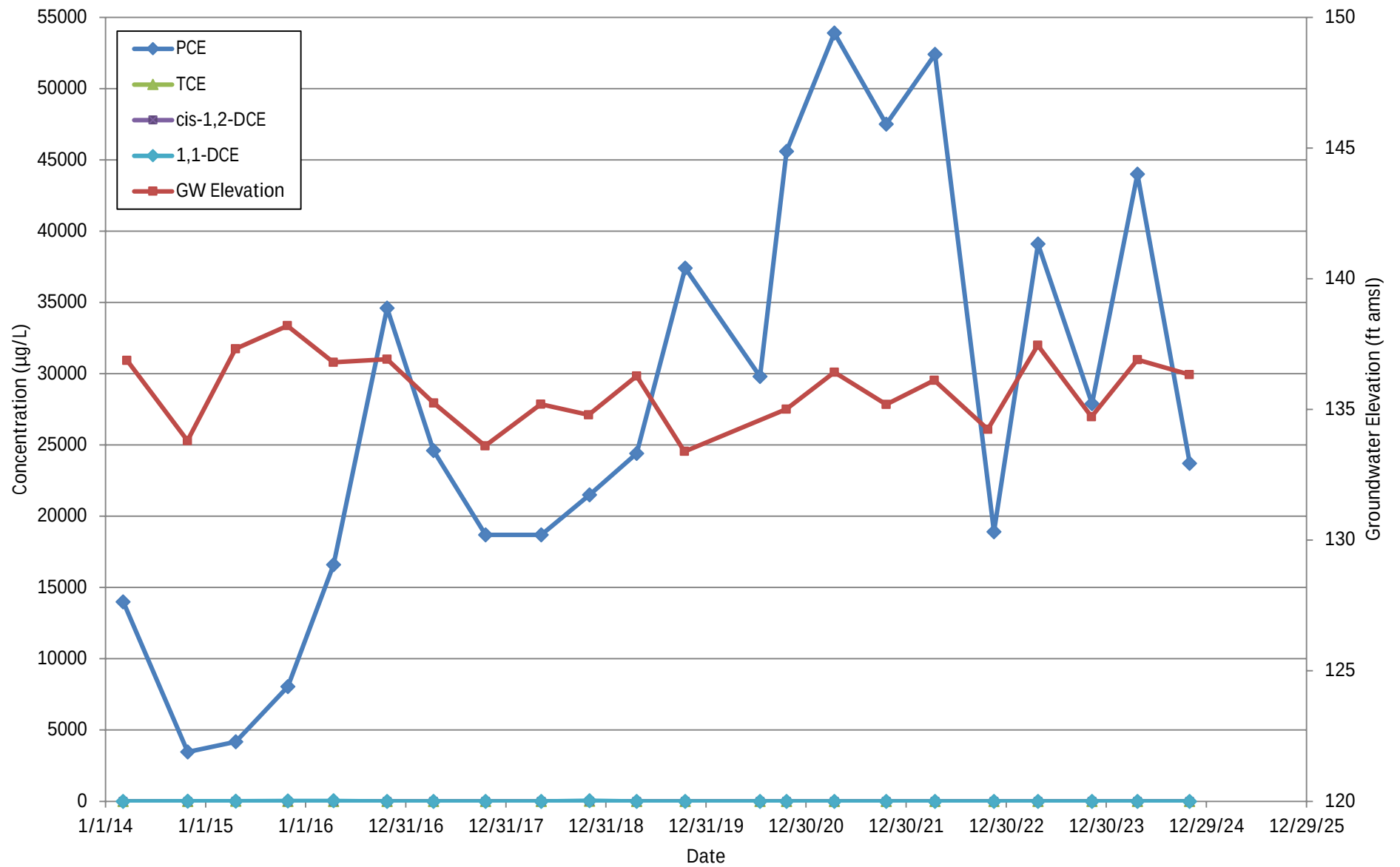
MW-13D Concentrations and Groundwater Elevation with Time



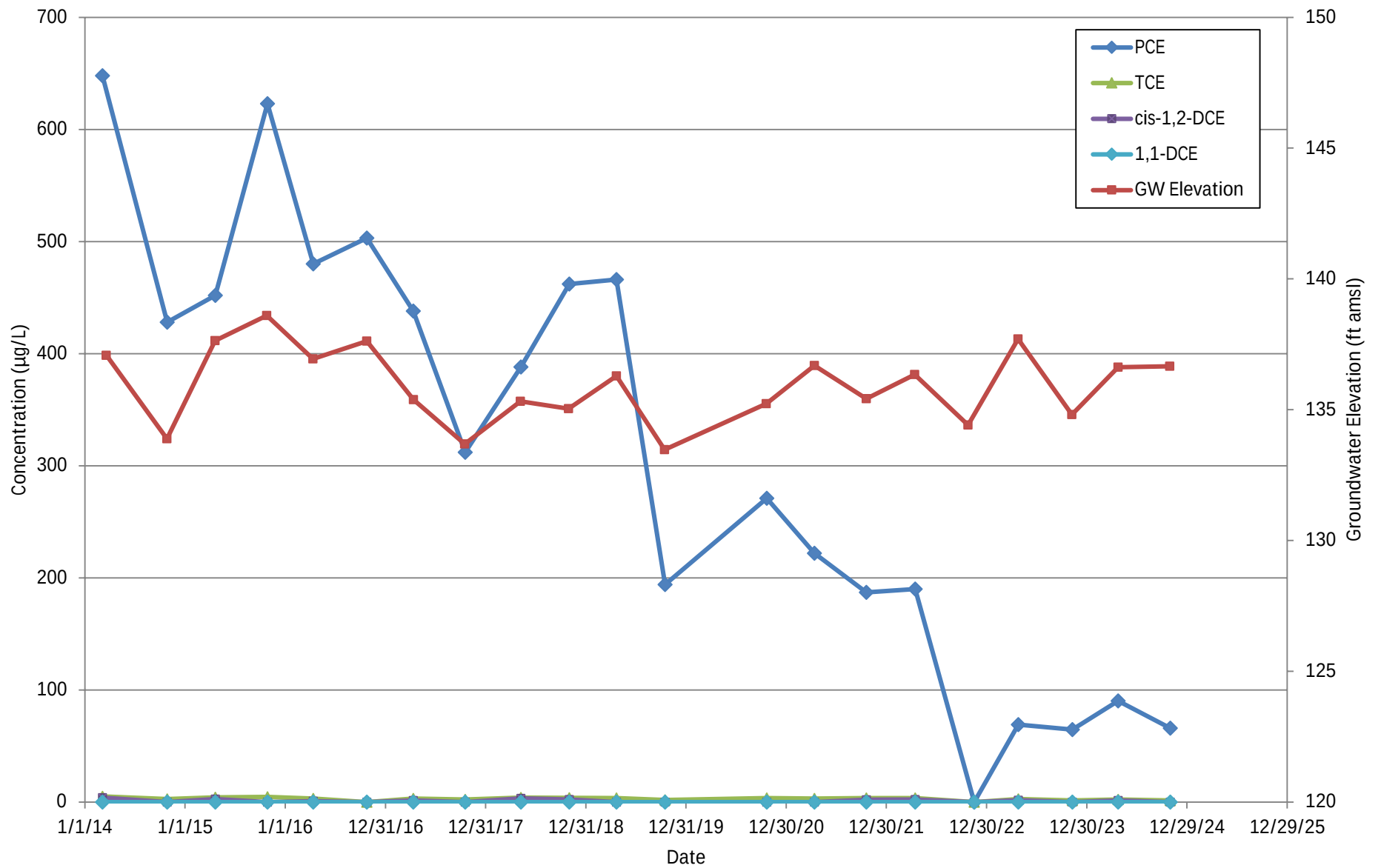
MW-14D Concentrations and Groundwater Elevation with Time



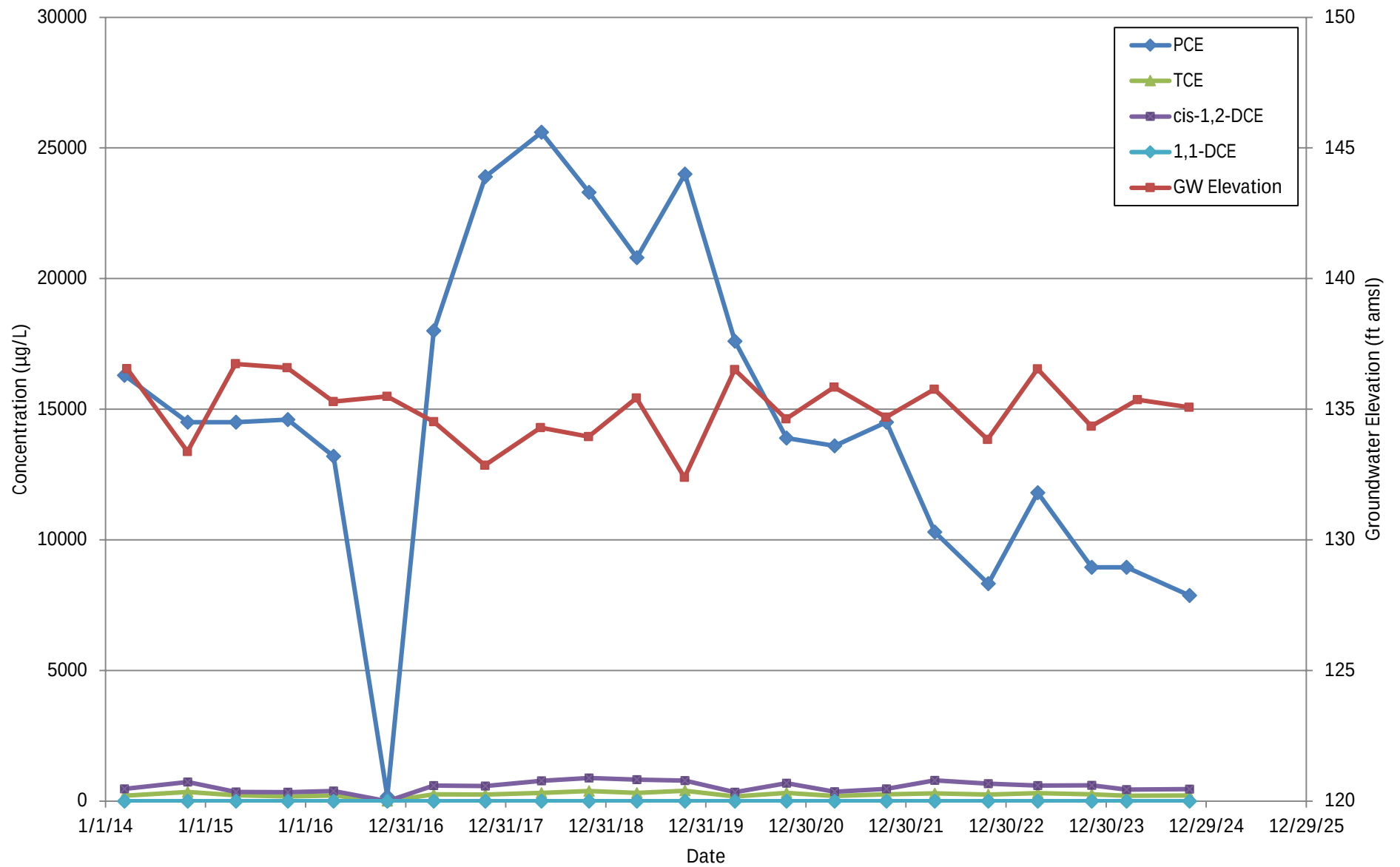
MW-19 Concentrations and Groundwater Elevation with Time



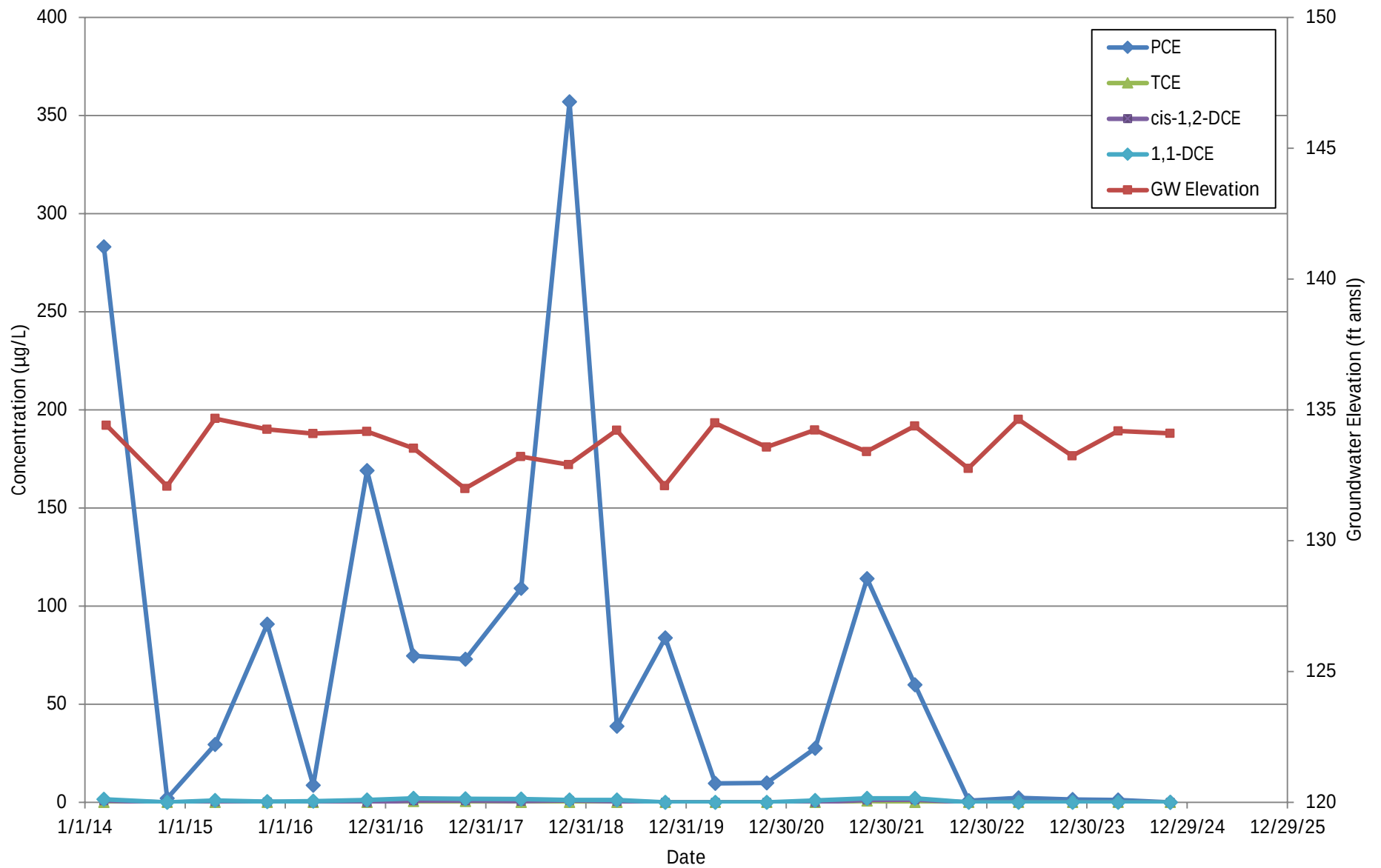
MW-20 Concentrations and Groundwater Elevation with Time



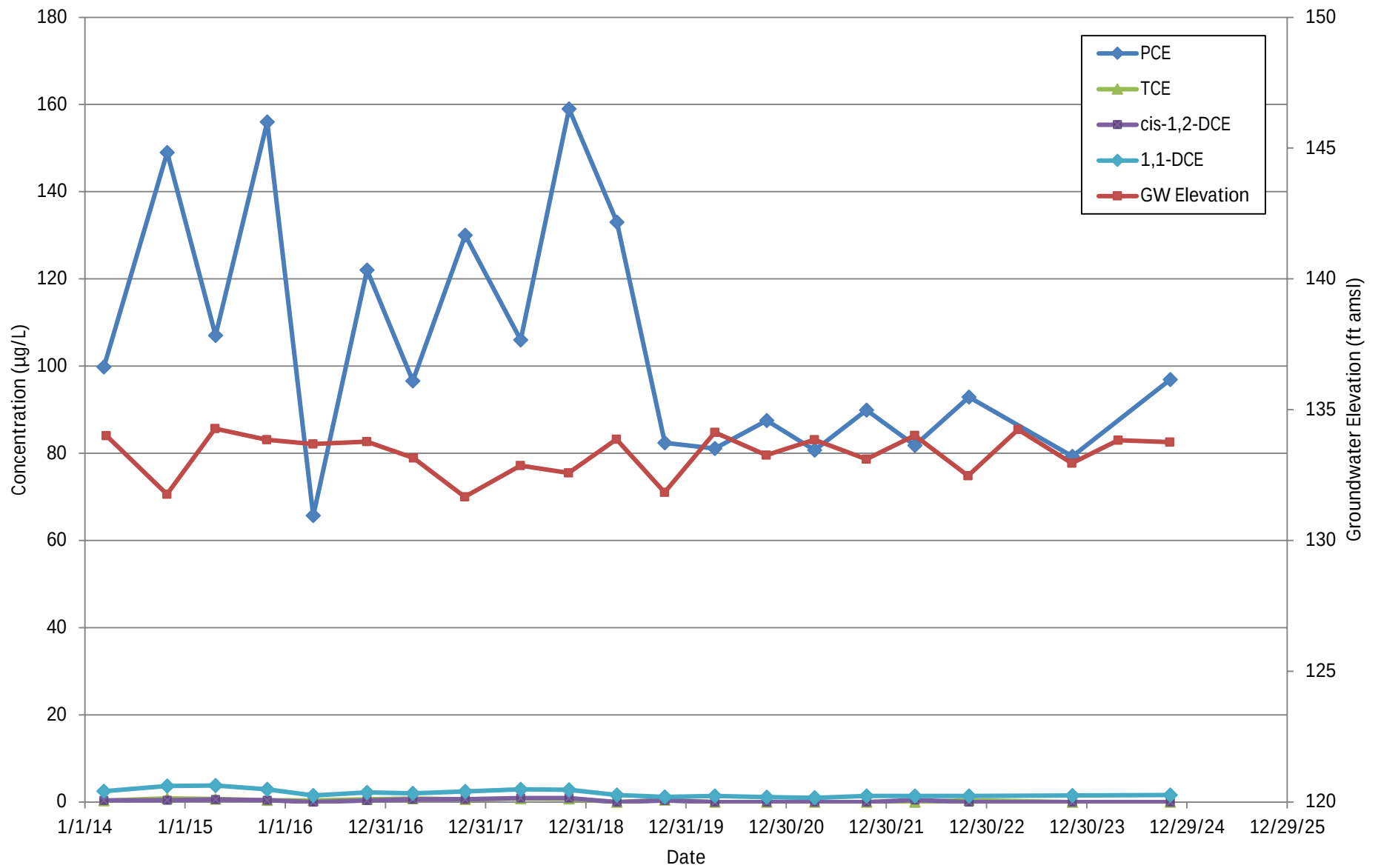
MW-21 Concentrations and Groundwater Elevation with Time



MW-21D Concentrations and Groundwater Elevation with Time



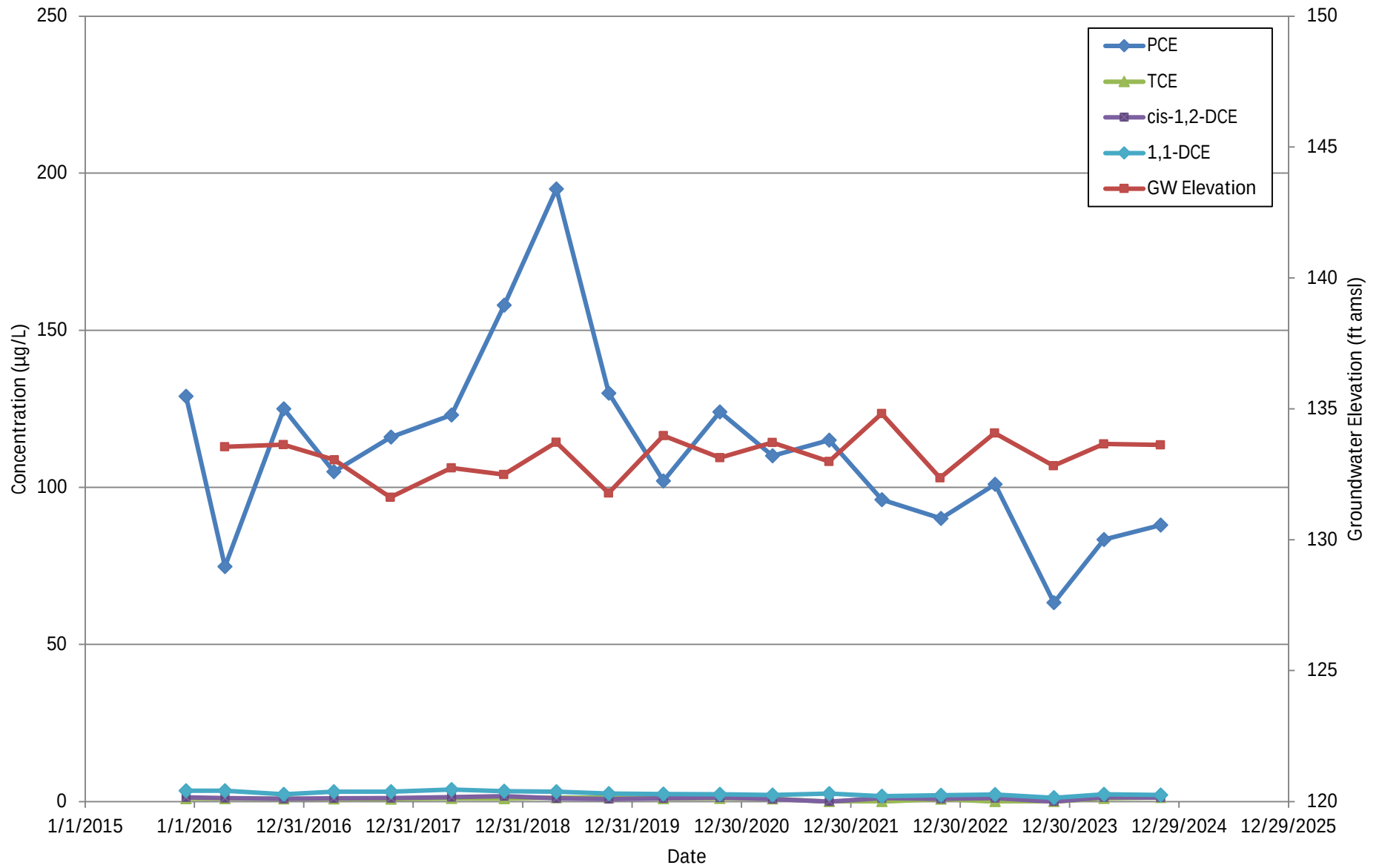
MW-22D Concentrations and Groundwater Elevation with Time



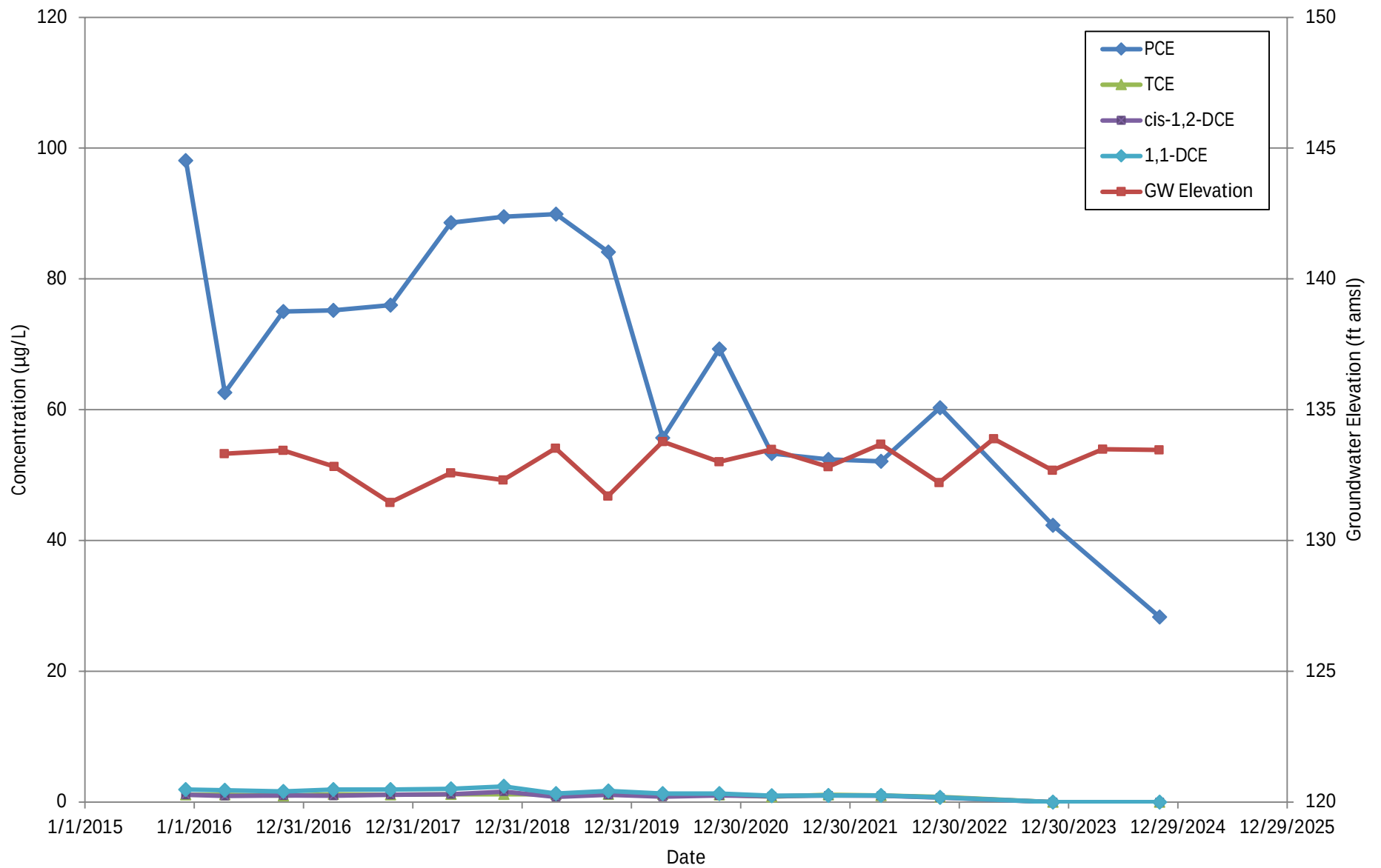
MW-24 Concentrations and Groundwater Elevation with Time



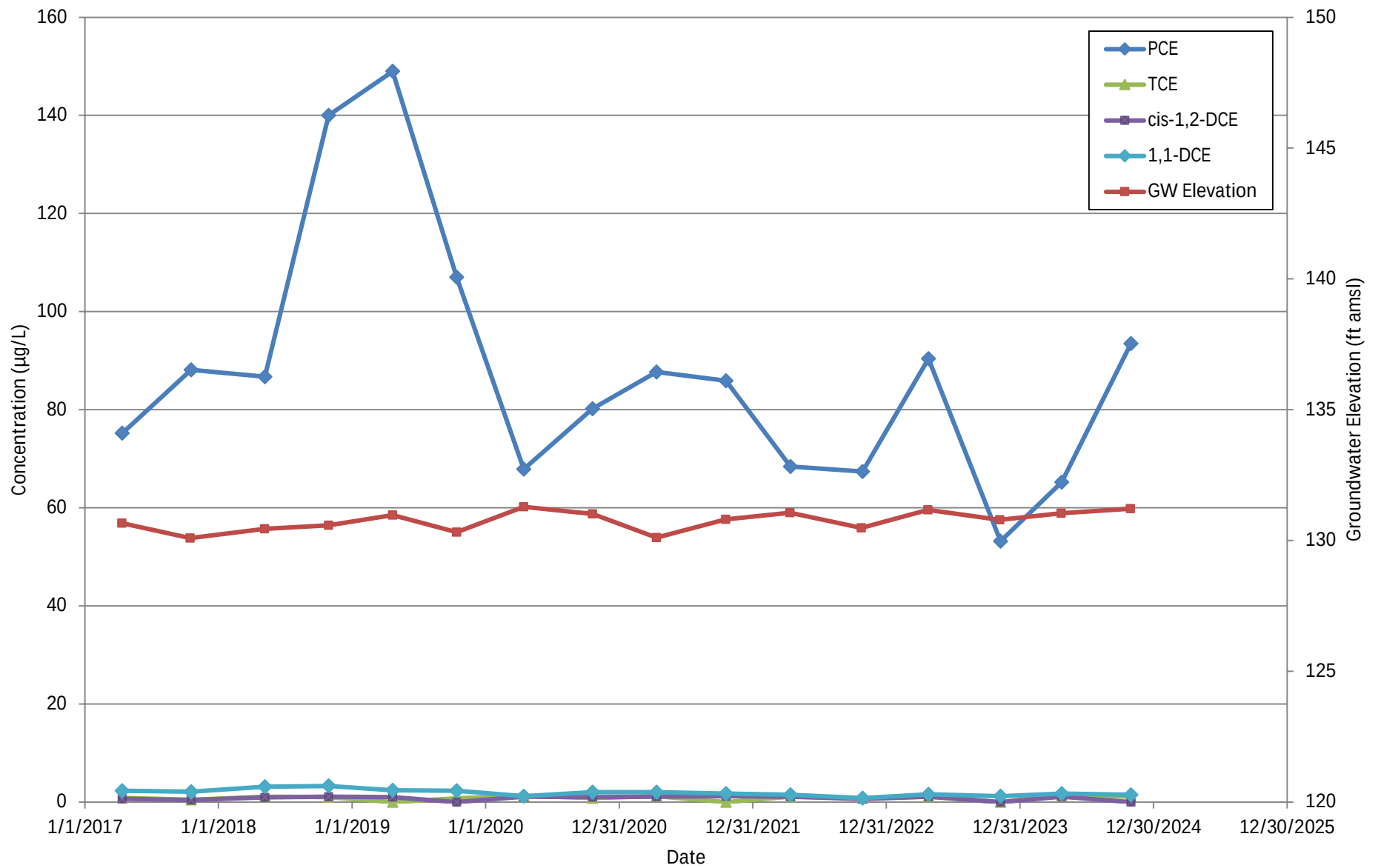
MW-25D Concentrations and Groundwater Elevation with Time



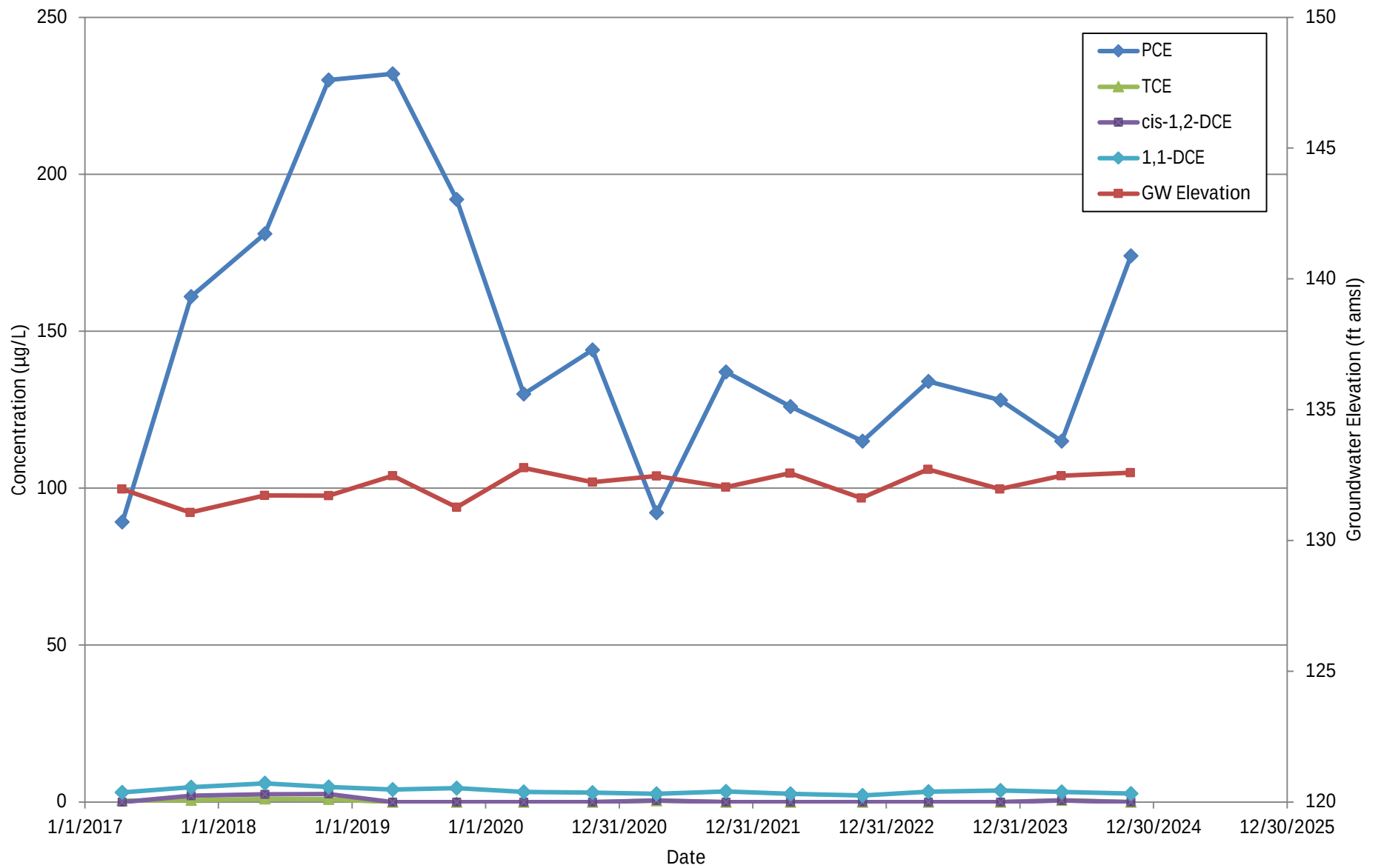
MW-26D Concentrations and Groundwater Elevation with Time



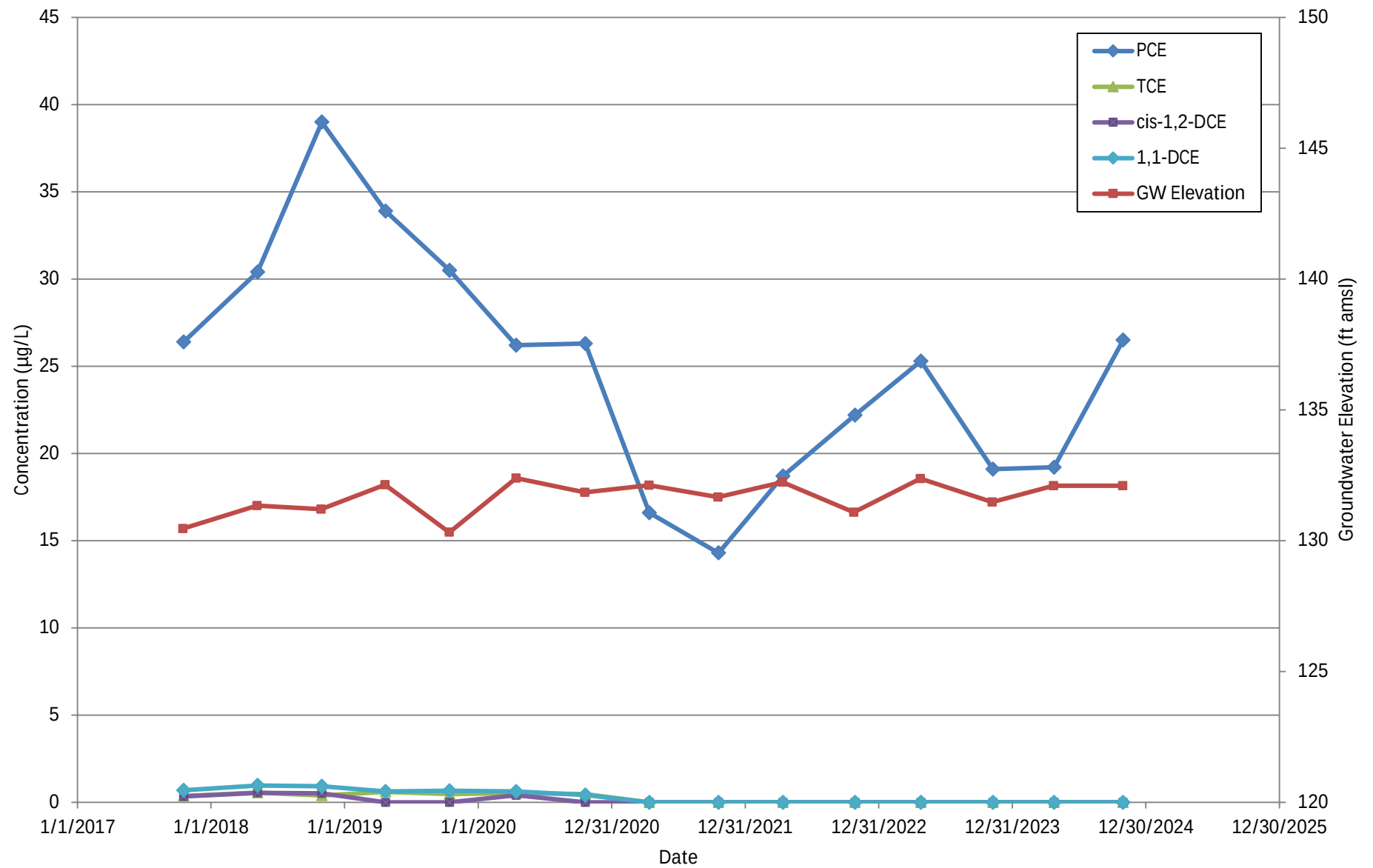
MW-30D Concentrations and Groundwater Elevation with Time



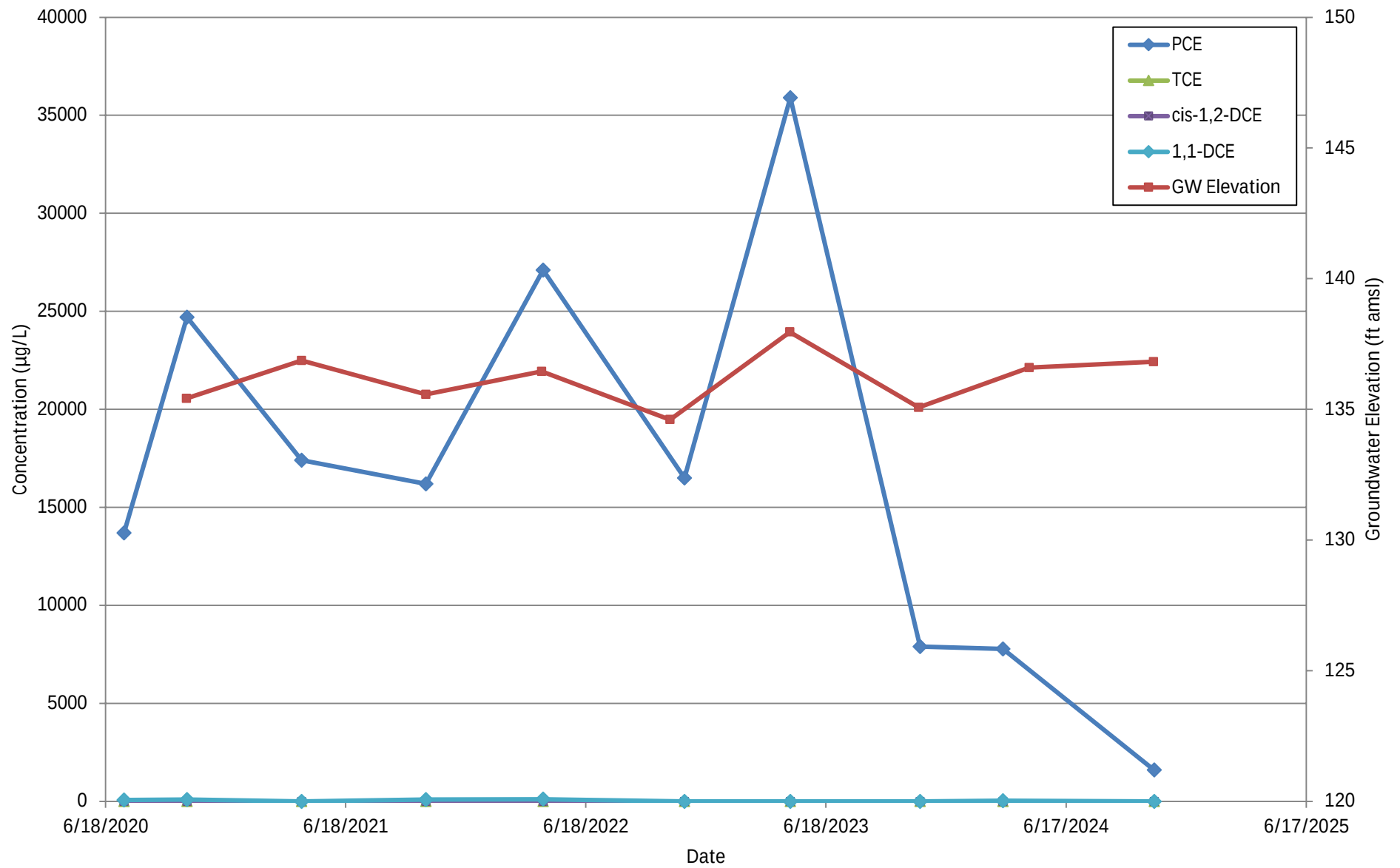
MW-31D Concentrations and Groundwater Elevation with Time



MW-32DR Concentrations and Groundwater Elevation with Time



MW-37 Concentrations and Groundwater Elevation with Time

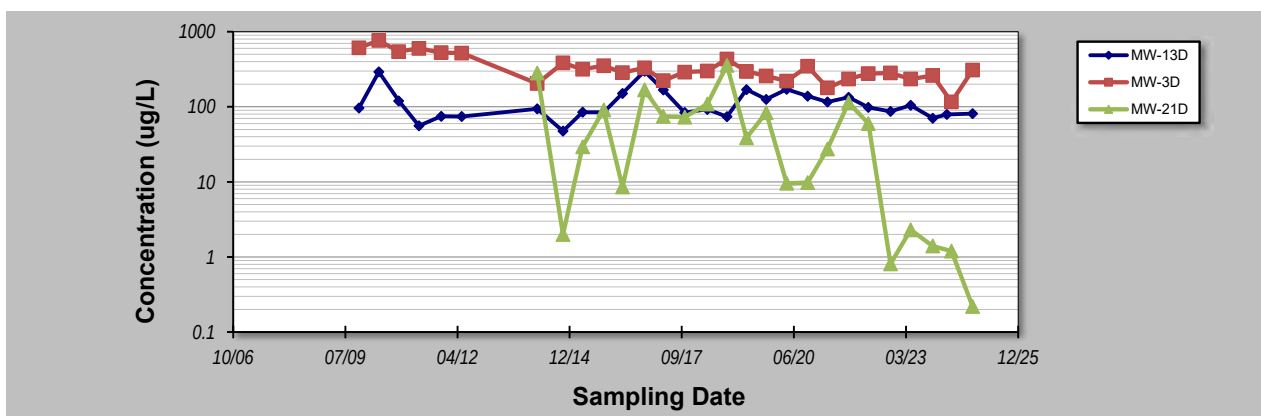


GSI MANN-KENDALL TOOLKIT

for Constituent Trend Analysis

Evaluation Date: 19-Feb-25	Job ID: Fall 2024 Semi-Annual
Facility Name: Delavan	Constituent: PCE
Conducted By: IJR	Concentration Units: ug/L

Sampling Point ID:		MW-13D	MW-3D	MW-21D				
Sampling Event	Sampling Date	PCE CONCENTRATION (ug/L)						
1	5-Nov-09	96.4	612					
2	30-Apr-10	292	764					
3	25-Oct-10	120	544					
4	23-Apr-11	56	600					
5	8-Nov-11	74.9	526					
6	9-May-12	74.3	520					
7	13-Mar-14	94.1	204	283				
8	29-Oct-14	47.6	384	2				
9	22-Apr-15	84.8	316	29.4				
10	27-Oct-15	84.5	353	90.8				
11	12-Apr-16	151	285	8.6				
12	25-Oct-16	298	331	169				
13	10-Apr-17	168	223	74.6				
14	18-Oct-17	84	290	72.9				
15	8-May-18	92.5	299	109				
16	31-Oct-18	73.9	432	357				
17	23-Apr-19	170	296	38.7				
18	15-Oct-19	126	258	83.8				
19	14-Apr-20	171	220	9.6				
20	19-Oct-20	139	347	9.8				
21	13-Apr-21	116	179	27.5				
22	19-Oct-21	134	235	114				
23	13-Apr-22	98.4	277	59.9				
24	27-Oct-22	86.9	282	0.81				
25	25-Apr-23	105	234	2.3				
26	8-Nov-23	70.6	261	1.4				
27	13-Mar-24	79.2						
28	23-Apr-24		116	1.2				
29	29-Oct-24	81.2	308	0.2199				
30								
Coefficient of Variation:		0.52	0.44	1.34				
Mann-Kendall Statistic (S):		-8	-204	-91				
Confidence Factor:		55.4%	>99.9%	99.5%				
Concentration Trend:		Stable	Decreasing	Decreasing				



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing ($S > 0$) or decreasing ($S < 0$): $>95\%$ = Increasing or Decreasing; $\geq 90\%$ = Probably Increasing or Probably Decreasing; $< 90\%$ and $S > 0$ = No Trend; $< 90\%$, $S \leq 0$, and $COV \geq 1$ = No Trend; $< 90\%$ and $COV < 1$ = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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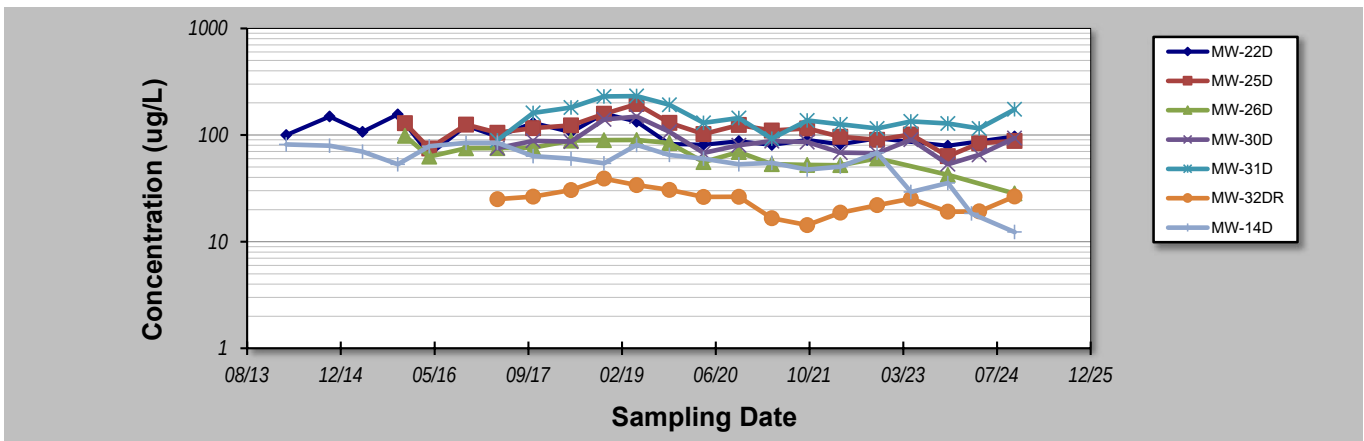
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GSI MANN-KENDALL TOOLKIT

for Constituent Trend Analysis

Evaluation Date: 19-Feb-25	Job ID: Fall 2024 Semi-Annual
Facility Name: Delavan	Constituent: PCE
Conducted By: IJR	Concentration Units: ug/L

		MW-22D	MW-25D	MW-26D	MW-30D	MW-31D	MW-32DR	MW-14D
Sampling Event	Sampling Date	PCE CONCENTRATION (ug/L)						
1	11-Mar-14	99.8						81.5
2	28-Oct-14	149						79.3
3	22-Apr-15	107						69.7
4	27-Oct-15	156						53.1
5	4-Dec-15		129	98.1				
6	12-Apr-16	65.7	74.8	62.6				78.5
7	25-Oct-16	122	125	75				84.3
8	10-Apr-17	96.6	105	75.2	75.2	89.2	25	84.6
9	18-Oct-17	130	116	76	88.1	161	26.4	63.4
10	8-May-18	106	123	88.6	86.7	181	30.4	59.9
11	31-Oct-18	159	158	89.5	140	230	39	54.3
12	23-Apr-19	133	195	89.9	149	232	33.9	80.6
13	15-Oct-19	82.4	130	84.1	107	192	30.5	65
14	14-Apr-20	81.1	102	55.7	67.9	130	26.2	59.9
15	19-Oct-20	87.5	124	69.3	80.2	144	26.3	53.1
16	13-Apr-21	80.7	110	53.3	87.7	92.2	16.6	54.8
17	19-Oct-21	89.9	115	52.4	85.9	137	14.3	47.4
18	13-Apr-22	81.8	96.1	52.1	68.4	126	18.7	50.5
19	27-Oct-22	92.9	90.1	60.3	67.4	115	22	68.2
20	25-Apr-23		101		90.4	134	25.3	29.2
21	8-Nov-23	79.3	63.3	42.3	53.2	128	19.1	35.5
22	13-Mar-24							18.4
23	23-Apr-24		83.4		65.2	115	19.2	
24	29-Oct-24	96.9	88	28.3	93.5	174	26.5	12.3
25								
Coefficient of Variation:		0.26	0.27	0.28	0.29	0.29	0.26	0.35
Mann-Kendall Statistic (S):		-60	-73	-74	-32	-27	-34	-141
Confidence Factor:		97.3%	99.5%	99.9%	91.7%	87.7%	93.0%	>99.9%
Concentration Trend:		Decreasing	Decreasing	Decreasing	Prob. Decreasing	Stable	Prob. Decreasing	Decreasing



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing ($S > 0$) or decreasing ($S < 0$): $>95\%$ = Increasing or Decreasing; $\geq 90\%$ = Probably Increasing or Probably Decreasing; $< 90\%$ and $S > 0$ = No Trend; $< 90\%$, $S \leq 0$, and $COV \geq 1$ = No Trend; $< 90\%$ and $COV < 1$ = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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Appendix F

SVE System Monitoring Data Tables

TABLE 1: WELL CONSTRUCTION DETAILS

Facility Name: Delavan Spray Technologies Site
4334 Main Hwy
Bamberg, SC 29003

Well ID	Orientation	Well Diameter (in)	Average Screen Depth (ft bgs)	Total Well Length (ft)	Screen Interval (ft)
SVE-1	Horizontal	4	5.88	200	50 - 200
SVE-2	Horizontal	4	5.99	200	50 - 200
SVE-3	Horizontal	4	6.04	200	50 - 200
SVE-4	Horizontal	4	6.36	204	54 - 204
SVE-5	Horizontal	4	7.34	205	55 - 205
SVE-6	Horizontal	4	6.23	200	50 - 200
SVE-7	Horizontal	4	5.91	120	50 - 120

Notes:

in = inches

ft = feet

bgs = below ground surface

SVE = soil vapor extraction

TABLE 2: SVE SYSTEM VISIT SUMMARY

Facility Name: Delavan Spray Technologies Site
4334 Main Hwy
Bamberg, SC 29003

Date	Type	System Maintenance Description
6/15/2022	Startup	System Startup (day-1). Collected influent/effluent air samples.
6/16/2022	Startup	System Startup (day-1). Collected influent/effluent samples.
7/6/2022	O&M	Routine system inspection. Blower and pump hour meters not working.
7/13/2022	Alarm Response	System down due to MS tank high-high level. Pump y-strainer screen restricting flow. Screen removed. System restarted.
7/27/2022	O&M	Routine system inspection. Collected water sample from storage tank. Collected effluent air sample.
8/29/2022	O&M	Routine system inspection. Collected effluent air sample. Issue with VFD, won't control blower speed.
9/27/2022	O&M	Enviro-equipment onsite to install ambient thermostat and hi-temp alarm, install check-valve @ MS Tank transfer pump, replace surge supressor @ control panel, and investigate VFD control issue. Collected effluent air sample.
10/27/2022	O&M	Routine system inspection. Collected effluent air sample. Greased blower and motor. Added 1 Qt. of oil to blower. Evidence of wear at blower belt.
11/21/2022	O&M/Alarm Response	System down due to MS tank high-high level. Inline filter at flowmeter clogged with debris. Removed debris and cleaned filter. System restarted. Collected effluent air sample.
1/18/2023	System Restart	System down due to high-high level alarm at storage tank and MS tank. Condensate in storage tank and MS tank emptied and hauled off site (~550 gallons). SVE system restarted. Blower speed reduced (33hz to 30hz).
1/19/2023	O&M	Routine system inspection. Collected effluent air sample.
1/30/2023	System Restart	System down due to MS Tank high-high level alarm. Inline filter at flowmeter clogged with debris. Removed debris and filter. System restarted.
2/14/2023	System Restart	System down due to storage tank high-high level alarm. Installed two 330-gal totes inside treatment compound and transferred volume from storage tank and MS tank (approx. 575 gallons). MS pump flow totalizer = 1,293.77. Restarted system. Blower speed @ 25 Hz, Flow averaging 350 cfm, vacuum is 30-46 in-WC.
2/23/2023	O&M	Routine system inspection. Transferred storage tank volume to totes. Both totes completely full (approx. 660 gallons). Collected effluent air sample.
3/30/2023	O&M	Tradebe onsite to remove Condensate storage via vac-truck. 1,150 total gallons of condensate removed. TVSS depleted warning alarm on 3/23/23. Collected effluent air sample.
4/27/2023	O&M	Transferred storage tank condensate and drum IDW into totes. One tote full at 330 gallons. Second tote paertially full at 210 gallons. Collected effluent air sample.
5/16/2023	O&M	Adjusted SVE blower speed from 25 Hz to 28 Hz. Unable to collect vacuum readings at sub-slab and vapor monitoring points due to dead batteries in manometer. Collected effluent air sample.
6/30/2023	O&M	Power outage due to thunderstorms on 6/21/2023 @ 16:30, system restarted remotely. Routine system inspection. One condensate storage tote full at approx. 325. The second has approx. 215 gallons. Collected effluent air sample.
7/25/2023	O&M	Routine system inspection. First storage tote full, second storage tote with 215/330 gallons. Collected effluent air sample.
8/30/2023	System Shutdown	System shutdown remotely @ 07:30 due to heavy expected rains from Hurrican Idalia.
8/31/2023	System Restart	System restarted remotely @ 12:05.
9/5/2023	O&M	Routine system inspection. Collected effluent air sample.
9/27/2023	O&M	Routine system inspection. Collected effluent air sample.
10/26/2023	O&M	Completed SVE blower oil change (10,219 hours). Exhaust fan not operating properly, may require Enviro-Equipment to troubleshoot/replace. Collected effluent air sample.
11/14/2023	System Restart	System down due to "high high" level alarm at Moisture Separator Tank. Cleaned and flushed discharge piping, tested float switches, and restarted system. Also, adjusted SVE blower speed from 32Hz to 30Hz to reduce water production. Condensate tank has 17" of water and totes are 5/6 full.
11/28/2023	O&M	Routine system inspection. Collected effluent air sample.
12/21/2023	System Restart	System down due to storage tank/MS tank high-high level alarms. Tradebe onsite to remove condensate storage via vac-truck. Approximately 1,100 gallons removed. Routine system inspection. Collected effluent air sample.
1/11/2024	System Restart	System down due to storage tank/MS tank high-high level alarms. Transferred volume to storage totes. Restarted the system and adjusted blower speed from 30 Hz to 26 Hz to reduce water intake.
1/29/2024	O&M	Routine system inspection. Transferred condensate volume to storage totes, both 330-gal totes are now full. Collected effluent air sample.
3/4/2024	System Restart	System down due to storage tank/MS tank high-high level alarms. Tradebe onsite to remove condensate storage via vac-truck. Approximately 1,200 gallons removed. Routine system inspection. No effluent vapor sample collected due to zero-vacuum summa can.
3/26/2024	O&M	Routine system inspection. Transferred condensate volume to storage totes, one 330-gal tote is full. Collected effluent air sample.
4/24/2024	O&M	Routine system inspection. Adjusted SVE blower speed from 26 Hz to 32 Hz for summer operation. Adjusted/tightened blower belts.
5/22/2024	O&M	Enviro-Equipment onsite to troubleshoot and repair building vent/exhaust fan. Fan repaired (blown fuse caused wire short in thermostat). Replacement fuse: Edison-HCTR2. Completed system operational readings and preventative maintenance tasks. Collected quarterly effluent air sample.
6/20/2024	O&M	Routine system inspection. Completed preventative maintenance tasks and checks.
7/29/2024	O&M	Alarm response (phase/voltage fault, power outage due to storms). Replaced surge protection device and reset breakers, contactors, and modem. Completed monthly maintenance checks and preventative maintenance tasks.
8/13/2024	System Restart	System offline, VFD tripped. Pumped out condensate storage tank to totes, totes are full. Transfer pump not pumping initially, cleaned screens and re-primed. Restarted system.
8/28/2024	O&M	System offline due to MS high-high alarm. MS was pumped out but alarm did not reset. Pulled and cleaned MS float stem. Restarted system and completed monthly operational readings, equipment checks, and preventative maintenance tasks. Collected quarterly effluent air sample.
9/18/2024	O&M Condensate Removal	System offline due to high high levels in the MS and storage tank, both storage totes are full. Completed semi-annual preventative maintenance (blower oil change, blower motor greased). Vac truck onsite to remove condensate from storage tank, totes, and SVE-3 (1,660 gallons removed from the site). Restarted system.
10/30/2024	O&M	Routine system inspection. Completed preventative maintenance tasks and checks.
11/21/2024	O&M	Routine system inspection. Reduced blower speed from 32 Hz to 28 Hz for cold weather operation. Completed preventative maintenance tasks and checks. Collected effluent air sample.

Notes:

SVE = Soil vapor extraction

O&M = Operation and maintenance

TABLE 3: SVE SYSTEM PERFORMANCE SUMMARY

Facility Name: Delavan Spray Technologies Site
4334 Main Hwy
Bamberg, SC 29003
Startup Date: 6/15/2022

Site Visit Date	Days Between Inspections	Days Since Startup	SVE Blower													Moisture Separation				System Runtime					
			Blower Hour Meter B-100	Daily Designed Runtime (hours/day)	VFD Amps	Blower Speed (Hz)	HMI Blower Vacuum Reading VT-120 (in-WC)	Vacuum at Blower VI-103 (in-Hg)	Vacuum at Particulate Filter VI-102 (in-Hg)	Vacuum at MS VI-101 (in-Hg)	Dilution Air Valve Open (%)	Influent Temperature TI-101 (degrees F)	Discharge Temperature TI-102 (degrees F)	Discharge Flow FIT-100 (CFM)	Discharge Pressure (in-WC)	MS Pump Hours P-200	MS Pump Totalizer FT-200 (gallons)	MS Tank Level (in) High = 27.5 in	Storage Tank Level (in) High = 54.5 in	Period Hours of Operation	Cumulative Hours of Operation	Scheduled Downtime (hours)	Period Runtime (%)	Cumulative Runtime (%)	Process Status
06/15/22			610.6	24	--	32	45	6.5	5	--	0	80	105	423.5	3	0	146	--	--	0	0	0	--	--	2
06/16/22	1	1	610.6	24	--	32	47	4.5	3	2.5	0	80	105	427.5	3	0	231	--	--	24.0	24.0	0	100.0%	100.0%	1
07/06/22	20	21	610.6	24	22.8	32	51.4	5.5	4.4	3.3	0	80	106	426.6	1.5	0	231	22.5	10	480.0	504.0	0	100.0%	100.0%	1
07/13/22	7	28	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	--	--	0	--	--	2
07/27/22	14	42	943.2	24	32.93	33	51.9	5.5	4.5	3.5	0	83	107	477.5	1.282	4.1	--	18.5	29	332.6	836.6	0	99.0%	83.0%	1
08/29/22	33	75	1,733.4	24		33	52.9	3.5	3.2	2	0	74	103	448.8	1.0	4.1	384.66	7.75	29	790.2	1626.8	0	99.8%	90.4%	1
09/27/22	29	104	2,426.4	24	22.5	33	49	3.5	3.5	3	0	72	95	448	1.0	4.1	383.81	9.75	33.5	693.0	2319.8	0	99.6%	92.9%	1
10/27/22	30	134	3,113.0	24	22.4	33	48.9	4.0	3.5	3	0	68	95	423.3	1.0	4.1	383.81	18.25	33.25	686.6	3006.4	0	95.4%	93.5%	1
11/21/22	25	159	3,618.0	24	24	33	51.5	4.0	3.5	3	0	54	75	430	1.0	190.5	384.11	24.5	44	505.0	3511.4	0	84.2%	92.0%	2
01/18/23	58	217	3,915.7	24	23	33	49	4.0	3.5	3	0	56	85	452	1.0	190.9	659.23	29.5	64.5	297.7	3809.1	0	21.4%	73.1%	2
01/19/23	1	218	3,939.6	24	22.2	30	46.5	4.0	3.5	3	0	60	80	378	1.0	190.9	659.23	4.5	0	23.9	3833.0	0	99.6%	73.3%	1
02/23/23	35	253	4,402.7	24	21.5	25	40.5	3.1	3.1	2.5	0	63	85	335	1.9	203.1	1336.78	10	8.25	463.1	4296.1	0	55.1%	70.8%	1
03/30/23	35	288	5,239.5	24	21	25	39.5	3.0	3	2.4	0	62	81	340	0.6	203.3	1747.48	6	60	836.8	5132.9	0	99.6%	74.3%	1
04/27/23	28	316	5,913.2	24	20.9	25	40.15	3.0	3	2.5	0	67	95	334.5	1.9	213.4	2151.47	7.5	0	673.7	5806.6	0	100.3%	76.6%	1
05/16/23	19	335	6,368.6	24	21.4	28	39	3.0	3	2.5	0	76	97	367.5	0.8	213.4	2151.37	8	2	455.4	6262.0	0	99.9%	77.9%	1
06/30/23	45	380	7,447.2	24	29.91	30	50	3.8	3.5	3	0	74	101	380	2.5	213.4	2215.56	18	15	1078.6	7340.6	0	99.9%	80.5%	1
07/25/23	25	405	8,048.7	24	29.94	30	46.7	3.5	3.4	3	0	80	105	400.2	2.6	213.4	2215.56	0	18	601.5	7942.1	0	100.3%	81.7%	1
09/05/23	42	447	9,020.3	24	30.9	31	52	3.6	3.5	3	0	76	100	417	2.3	213.4	2215.56	0	16	971.6	8913.7	29	99.2%	83.4%	1
09/27/23	22	469	9,547.7	24	31.9	32	53.7	4.0	3.7	3	0	72	100	453	2.8	213.4	2215.56	0	18	527.4	9441.1	0	99.9%	84.1%	1
10/26/23	29	498	10,238.3	24	31.9	32	53	3.9	3.5	3	0	67	93	456	2.9	213.4	2215.56	0	18	690.6	10131.7	0	99.2%	85.0%	1
11/28/23	33	531	10,990.1	24	29.91	30	49.5	3.7	3.5	3	0	60	84	400.3	2.6	245.4	2344.24	25.5	27.5	751.8	10883.5	0	94.9%	85.6%	1
12/21/23	23	554	11,449.5	24	29.91	30	44.9	4.0	3.5	3	0	48	70	401	0.9	252.2	2679.13	0	0	459.4	11342.9	0	83.2%	85.5%	2
01/29/24	39	593	12,360.5	24	25.93	26	41.5	3.3	3.2	2.5	0	60	80	349.5	2.0	252.7	3566.42	4	0	911.0	12253.9	0	97.3%	86.3%	1
03/04/24	35	628	13,049.5	24	25.94	26	37.5	3.2	3.0	2.5	0	58	77	348	1.9	253.0	4104.87	6	0	689.0	12942.9	0	82.0%	86.1%	2
03/26/24	22	650	13,573.3	24	25.95	26	42.5	3.4	3.3	2.6	0	63	85	333	1.9	260.5	4429.65	6	0	523.8	13466.7	0	99.2%	86.5%	1
04/24/24	29	679	14,266.9	24	31.90	32	51.5	4.1	3.8	3.1	0	68	95	410	2.5	260.6	4623.32	24.25	27.5	693.6	14160.3	0	99.7%	87.1%	1
05/22/24	28	707	14,935.5	24	31.90	32	49.0	3.9	3.5	3.0	0	73	99	420	2.6	325.5	4691.88	10	36	668.6	14828.9	0	99.5%	87.6%	1
06/20/24	29	736	15,628.5	24	31.90	32	46.0	3.6	3.4	2.6	0	80	104	410	2.7	325.5	4691.88	5	38	693.0	15521.9	0	99.6%	88.0%	1
07/29/24	39	775	16,561.5	24	31.90	32	47.0	3.6	3.3	2.6	0	74	103	424	2.7	325.5	4691.88	7.25	36	933.0	16454.9	0	99.7%	88.6%	2
08/28/24	30	805	16,812.4	24	25.93	26	49.5	4.4	4.1	3.3	0	77	105	316	1.8	511.5	5437.70	14	53	250.9	16705.8	0	34.8%	86.6%	2
09/18/24	21	826	16,821.5	24	31.90	32	44.0	3.6	3.2	2.5	0	73	97	420	2.7	511.6	5640.55	8	0	9.1	16714.9	0	1.8%	84.5%	2
10/30/24	42	868	17,614.0	24	31.70	32	43.5	3.8	3.3	2.7	0	72	101	433	2.7	511.6	5640.55	10	8	792.5	17507.4	0	78.6%	84.2%	1
11/21/24	22	890	18,115.1	24	39.90	32	55.4	4.4	3.9	3.4	0	68	94	453	2.4	511.6	5640.55	6	4	501.1	18008.5	0	94.9%	84.4%	1

Notes:
SVE = Soil vapor extraction
VFD = variable frequency drive
Hz = Hertz
in-WC = inches of water column
in-Hg = inches of mercury
F = Fahrenheit

CFM = cubic feet per minute
HMI = human-machine interface
MS = moisture seperator

Process Status Codes		
Code	Arrive	Depart
1	on	on
2	off	on
3	off	off
4	on	off

TABLE 4: SVE WELL MONITORING DATA

Facility Name: Delavan Spray Technologies Site
4334 Main Hwy
Bamberg, SC 29003

WELL ID	SVE-1		SVE-2		SVE-3		SVE-4		SVE-5		SVE-6		SVE-7	
DIAMETER (in)	4		4		4		4		4		4		4	
WELL LENGTH (ft)	200		200		200		204		205		200		120	
SCREEN INTERVAL (ft)	50 - 200		50 - 200		50 - 200		54 - 204		55 - 205		50 - 200		50 - 120	
Date	Vacuum	PID	Vacuum	PID	Vacuum	PID	Vacuum	PID	Vacuum	PID	Vacuum	PID	Vacuum	PID
6/15/2022	4.0	7.0	5.0	10.7	4.0	11.1	4.0	6.0	4.5	28.3	4.5	7.1	4.5	6.2
6/16/2022	2.5	--	2.5	--	2.5	--	2.5	--	3.0	--	3.0	--	2.75	--
7/6/2022	3.3	1.1	4.5	6.7	3.8	57.9	3.5	0.0	3.5	7.2	3.7	0.5	3.4	10.6
7/13/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/27/2022	3.0	3.2	4.5	1.2	3.5	1.1	3.5	1.2	4.0	2.6	4.0	0.9	4.0	0.6
8/29/2022	2.0	6.7	2.9	15.9	2.5	32.8	2.4	14.1	2.3	37.1	2.5	8.4	2.5	17.5
9/27/2022	2.0	--	2.5	--	2.5	--	3.0	--	2.8	--	2.5	--	3.0	--
10/27/2022	2.0	--	2.5	--	2.5	--	2.5	--	3.0	--	2.5	--	3.0	--
11/21/2022	2.5	1.1	3.0	0.9	3.0	0.3	2.5	0.1	3.0	1.5	3.0	0.0	3.0	0.3
1/18/2023	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/19/2023	2.5	--	2.5	--	3.0	--	3.0	--	3.0	--	2.5	--	3.0	--
2/23/2023	2.0	--	2.4	--	2.4	--	2.5	--	2.5	--	2.2	--	2.5	--
3/30/2023	2.0	--	2.5	--	2.5	--	2.6	--	2.5	--	2.3	--	2.7	--
4/27/2023	2.0	--	2.4	--	2.5	--	2.5	--	2.5	--	2.2	--	2.5	--
5/16/2023	1.5	--	2.2	--	2.5	--	2.5	--	2.3	--	2.0	--	2.4	--
6/30/2023	2.3	--	2.7	--	3.0	--	3.0	--	2.9	--	2.6	--	3.0	--
7/25/2023	2.1	--	2.5	--	2.8	--	2.5	--	2.7	--	2.6	--	2.9	--
9/5/2023	2.3	--	2.9	--	3.1	--	3.0	--	2.9	--	2.8	--	2.9	--
9/27/2023	2.5	--	2.8	--	3.0	--	3.0	--	3.0	--	2.7	--	2.9	--
10/26/2023	2.3	--	2.6	--	2.9	--	2.5	--	2.9	--	2.6	--	2.9	--
11/28/2023	2.2	--	2.6	--	3.0	--	3.0	--	2.9	--	2.7	--	3.0	--
12/21/2023	2.5	--	3.0	--	3.0	--	3.0	--	3.0	--	3.0	--	3.0	--
1/29/2024	2.1	--	2.4	--	2.7	--	2.7	--	2.6	--	2.5	--	2.6	--
3/4/2024	1.9	--	2.3	--	2.4	--	2.4	--	2.5	--	2.2	--	2.5	--
3/26/2024	2.2	--	2.0	--	2.6	--	2.8	--	2.6	--	2.5	--	2.7	--
4/24/2024	2.4	--	3.0	--	3.1	--	3.1	--	3.1	--	2.9	--	3.4	--
5/22/2024	2.3	--	2.9	--	3.0	--	3.0	--	3.0	--	2.7	--	3.0	--
6/20/2024	2.0	--	2.5	--	2.9	--	3.0	--	2.8	--	2.5	--	2.7	--
7/29/2024	2.1	--	2.6	--	2.6	--	2.6	--	2.6	--	2.5	--	2.7	--
8/28/2024	2.5	--	3.2	--	2.5	--	3.1	--	3.2	--	3.1	--	3.3	--
9/18/2024	2.0	--	2.5	--	2.6	--	2.5	--	2.5	--	2.3	--	2.6	--
10/30/2024	2.1	--	2.5	--	2.6	--	2.6	--	2.5	--	2.2	--	2.5	--
11/21/2024	2.5	--	3.1	--	2.6	--	3.0	--	3.3	--	3.1	--	2.6	--

Notes:

Vacuum = inches of mercury (Hg)

PID = total VOC concentration in parts per million via photo-ionization detector

in = inches

ft = feet

-- = not measured

TABLE 6: VAPOR MONITORING POINT DATA

Facility Name: Delavan Spray Technologies Site
4334 Main Hwy
Bamberg, SC 29003

POINT ID	VMP-1	VMP-2	VMP-3	VMP-4	VMP-5	VMP-6	SSV-1	SSV-2	SSV-3	SSV-4	SSV-5	SSV-6
Date	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum	Vacuum
9/8/2021	10.5	3.2	1.4	1.1	0.66	0.446	--	0.149	--	--	0.3	0.326
6/15/2022	13.5	4.7	3.5	3.2	1.5	0.9	--	0.3	--	--	4.4	3.1
6/16/2022	13.6	4.8	3.7	3.5	1.8	1.0	--	0.326	--	--	4.4	3.5
7/6/2022	5.653	--	3.9	3.9	2.0	1.2	--	--	--	--	5.021	3.855
7/13/2022	--	--	--	--	--	--	--	--	--	--	--	--
7/27/2022	--	--	--	--	--	--	--	--	--	--	--	--
8/29/2022	5.583	5.409	4.075	4.083	2.010	1.168	0.274	0.333	1.313	3.689	5.460	4.055
9/27/2022	--	--	--	--	--	--	--	--	--	--	--	--
10/27/2022	--	--	--	--	--	--	--	--	--	--	--	--
11/21/2022	13.40	5.27	3.60	3.62	1.77	1.05	0.22	0.30	1.23	3.37	5.23	3.59
1/18/2023	--	--	--	--	--	--	--	--	--	--	--	--
1/19/2023	>3.365	>3.365	>3.365	>3.365	1.847	1.05	0.172	0.283	1.218	>3.365	>3.365	>3.365
2/23/2023	5.569	4.076	2.879	3.258	1.661	1.146	0.162	0.241	0.822	2.579	4.050	3.206
3/30/2023	5.426	4.654	3.211	3.59	1.498	1.502	0.254	0.283	0.911	2.736	4.109	3.535
4/27/2023	5.339	4.202	3.006	3.287	1.653	1.217	0.155	0.253	0.826	2.451	4.109	3.185
5/16/2023	--	--	--	--	--	--	--	--	--	--	--	--
6/30/2023	5.170	5.013	3.862	3.904	1.776	1.011	0.163	0.28	1.075	3.221	5.008	3.567
7/25/2023	5.217	5.193	4.003	4.120	2.067	1.038	0.256	0.311	1.197	3.441	5.261	4.013
9/5/2023	5.393	5.207	4.002	4.009	1.967	1.114	0.221	0.313	1.199	3.501	5.244	3.975
9/27/2023	5.512	5.376	4.010	4.026	2.004	1.150	0.269	0.325	1.302	3.633	5.429	4.008
10/26/2023	5.450	5.402	4.011	4.101	2.006	1.122	0.272	0.329	1.305	3.543	5.398	4.039
11/28/2023	5.281	5.064	3.776	3.923	1.844	1.009	0.227	0.291	1.150	3.463	5.168	3.917
12/21/2023	5.388	5.167	3.942	4.011	1.798	1.247	0.232	0.288	1.203	3.525	5.336	4.010
1/29/2024	4.992	4.91	3.383	3.867	1.429	0.955	0.154	0.185	1.004	3.071	5.017	3.821
3/4/2024	5.002	4.867	3.511	3.913	1.555	1.090	0.162	0.181	1.001	3.129	5.006	3.817
3/26/2024	5.109	5.002	3.900	3.966	1.724	1.055	0.191	0.215	1.03	3.168	5.101	3.965
4/24/2024	5.712	5.527	4.175	4.202	2.194	1.308	0.355	0.415	1.533	3.982	5.710	4.210
5/22/2024	5.597	5.706	4.442	4.511	2.199	1.432	0.469	0.334	1.502	3.876	5.616	4.250
6/20/2024	5.471	5.456	4.013	4.110	2.094	1.155	0.213	0.325	1.369	3.487	5.390	4.022
7/29/2024	5.233	5.075	3.886	3.942	1.543	1.002	0.211	0.253	1.065	3.363	5.165	3.890
8/28/2024	5.214	5.097	3.812	4.005	1.890	1.002	0.211	0.276	1.101	3.445	5.250	3.852
9/18/2024	5.219	5.176	4.007	4.022	2.065	1.075	0.224	0.296	1.284	3.445	5.402	4.010
10/30/2024	--	--	--	--	--	--	--	--	--	--	--	--
11/21/2024	5.583	5.409	4.070	4.055	2.016	1.153	0.284	0.321	1.294	3.555	5.468	4.075

Notes:

Vacuum = inches of water column (in-WC)

PID = total VOC concentration in parts per million via photo-ionization detector

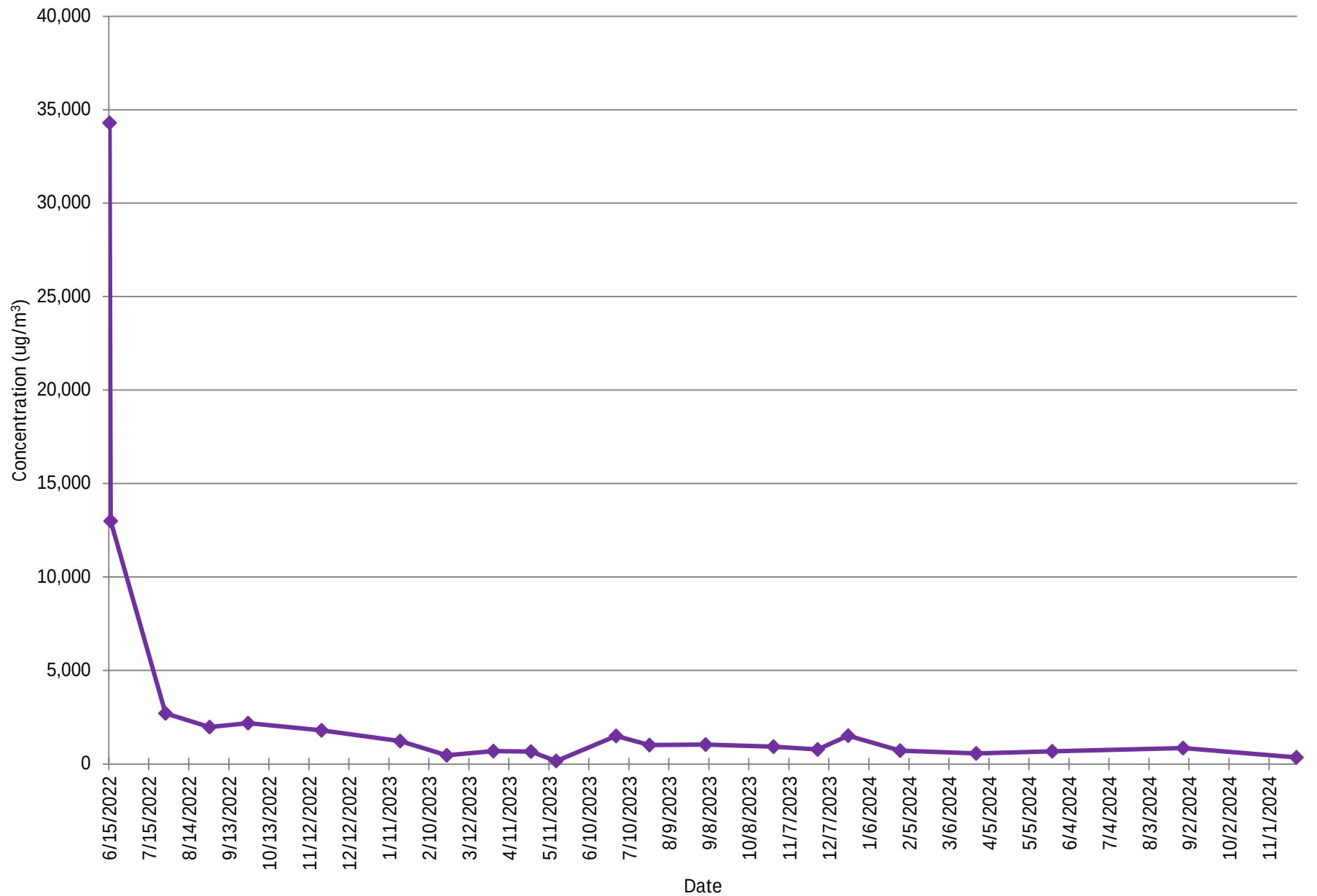
in = inches

ft = feet

-- = not measured

N/A = not applicable

Influent PCE Concentration Over Time



Appendix G

Laboratory Analytical Reports - SVE

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Raytheon Technologies Corporation

AECOMSCG: Delavan Spray Technologies; Bamberg, SC

PO#1610011

SGS Job Number: JD95228

Sampling Date: 08/28/24



Report to:

AECOM, INC.
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ATTN: Ian Ros

Total number of pages in report: 39



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



David Chastain
General Manager

Client Service contact: Carin Ferris 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CO, CT, FL, HI, IL, IN, KY, LA (120428), MA, MD, ME, MN, NC, NH, NV, AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX (T104704234), UT, VA, WA, WV

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Test results relate only to samples analyzed.

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Sample Summary

Raytheon Technologies Corporation

Job No: JD95228

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: PO#1610011

Sample Number	Collected		Matrix		Client	
	Date	Time By	Received	Code Type	Sample ID	

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

JD95228-1	08/28/24	11:35 TD	08/30/24	AIR	Soil Vapor Comp.	SVE-EFF

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Raytheon Technologies Corporation

Job No: JD95228

Site: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Report Date 9/17/2024 5:57:23 PM

On 08/30/2024, 1 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. An SGS Job Number of JD95228 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method TO-15

Matrix: AIR

Batch ID: V7W333

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD95228-1DUP were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Benzyl Chloride are outside control limits.
- The duplicate RPD(s) for Acetone (2-Propanone), Ethanol, Isopropyl Alcohol, Methyl ethyl ketone, Methylene chloride, Vinyl Acetate are outside control limits for sample JD95228-1DUP. Probable cause due to sample homogeneity.
- JD95228-1 for Benzyl Chloride: Associated ICV/CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- V7W333-BS for Benzyl Chloride: High percent recovery and no associated positive reported in the QC batch.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Tuesday, September 17, 2024

Page 1 of 1

Summary of Hits

Job Number: JD95228

Account: Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Collected: 08/28/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD95228-1	SVE-EFF					
Acetone (2-Propanone)		15.0	0.80	0.58	ppbv	TO-15
Benzene		0.42 J	0.80	0.19	ppbv	TO-15
Ethanol		2.3	2.0	1.6	ppbv	TO-15
Ethyl Acetate		0.74 J	0.80	0.42	ppbv	TO-15
Hexane		0.52 J	0.80	0.21	ppbv	TO-15
Isopropyl Alcohol		33.3	0.80	0.56	ppbv	TO-15
Methylene chloride		1.0	0.80	0.53	ppbv	TO-15
Methyl ethyl ketone		1.1	0.80	0.44	ppbv	TO-15
1,1,1-Trichloroethane		2.1	0.80	0.31	ppbv	TO-15
Tetrachloroethylene		126	0.16	0.056	ppbv	TO-15
Tetrahydrofuran		0.62 J	0.80	0.36	ppbv	TO-15
Trichloroethylene		1.1	0.16	0.076	ppbv	TO-15
Trichlorofluoromethane		0.99	0.80	0.62	ppbv	TO-15
Vinyl Acetate		0.86	0.80	0.45	ppbv	TO-15
m,p-Xylene		0.97	0.80	0.56	ppbv	TO-15
o-Xylene		0.51 J	0.80	0.31	ppbv	TO-15
Xylenes (total)		1.5	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		35.6	1.9	1.4	ug/m3	TO-15
Benzene		1.3 J	2.6	0.61	ug/m3	TO-15
Ethanol		4.3	3.8	3.0	ug/m3	TO-15
Ethyl Acetate		2.7 J	2.9	1.5	ug/m3	TO-15
Hexane		1.8 J	2.8	0.74	ug/m3	TO-15
Isopropyl Alcohol		81.9	2.0	1.4	ug/m3	TO-15
Methylene chloride		3.5	2.8	1.8	ug/m3	TO-15
Methyl ethyl ketone		3.2	2.4	1.3	ug/m3	TO-15
1,1,1-Trichloroethane		11	4.4	1.7	ug/m3	TO-15
Tetrachloroethylene		854	1.1	0.38	ug/m3	TO-15
Tetrahydrofuran		1.8 J	2.4	1.1	ug/m3	TO-15
Trichloroethylene		5.9	0.86	0.41	ug/m3	TO-15
Trichlorofluoromethane		5.6	4.5	3.5	ug/m3	TO-15
Vinyl Acetate		3.0	2.8	1.6	ug/m3	TO-15
m,p-Xylene		4.2	3.5	2.4	ug/m3	TO-15
o-Xylene		2.2 J	3.5	1.3	ug/m3	TO-15
Xylenes (total)		6.4	3.5	1.3	ug/m3	TO-15



Dayton, NJ

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SVE-EFF						
Lab Sample ID:	JD95228-1					Date Sampled:	08/28/24
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	A2327			Date Received:	08/30/24
Method:	TO-15					Percent Solids:	n/a
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W08926.D	1	09/16/24 05:15	BK	n/a	n/a	V7W333
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	15.0	0.80	0.58	ppbv		35.6	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	0.42	0.80	0.19	ppbv	J	1.3	2.6	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.28	ppbv		ND	8.3	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride ^a	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.24	ppbv		ND	3.2	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.80	0.12	ppbv		ND	6.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	0.68	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.21	ppbv		ND	6.8	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.12	ppbv		ND	3.2	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.53	ppbv		ND	4.8	3.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.28	ppbv		ND	4.8	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-EFF	Date Sampled:	08/28/24
Lab Sample ID:	JD95228-1	Date Received:	08/30/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2327	Percent Solids:	n/a
Method:	TO-15		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	2.3	2.0	1.6	ppbv		4.3	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	0.74	0.80	0.42	ppbv	J	2.7	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.12	ppbv		ND	6.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.20	ppbv		ND	5.6	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.36	ppbv		ND	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.18	Hexane	0.52	0.80	0.21	ppbv	J	1.8	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	33.3	0.80	0.56	ppbv		81.9	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	1.0	0.80	0.53	ppbv		3.5	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.1	0.80	0.44	ppbv		3.2	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	2.1	0.80	0.31	ppbv		11	4.4	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.80	0.19	ppbv		ND	5.5	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.15	ppbv		ND	4.4	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.48	ppbv		ND	5.9	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	126	0.16	0.056	ppbv		854	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.62	0.80	0.36	ppbv	J	1.8	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	1.1	0.16	0.076	ppbv		5.9	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.99	0.80	0.62	ppbv		5.6	4.5	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.28	ppbv		ND	2.0	0.72	ug/m3
108-05-4	86	Vinyl Acetate	0.86	0.80	0.45	ppbv		3.0	2.8	1.6	ug/m3
	106.2	m,p-Xylene	0.97	0.80	0.56	ppbv		4.2	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	0.51	0.80	0.31	ppbv	J	2.2	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	1.5	0.80	0.31	ppbv		6.4	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	SVE-EFF		
Lab Sample ID:	JD95228-1	Date Sampled:	08/28/24
Matrix:	AIR - Soil Vapor Comp.	Date Received:	08/30/24
Method:	TO-15	Percent Solids:	n/a
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA T015 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated ICV/CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

SGS Sample Receipt Summary

Job Number: JD95228

Client: ROUX ASSOCIATES, INC.

Project: NEW ALBANY, IN

Date / Time Received: 8/30/2024 10:30:00 AM

Delivery Method: fedex

Airbill #'s: 737756849273

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security

Y or N

Y or N

1. Custody Seals Present:	☒	☐	3. COC Present:	☒	☐
2. Custody Seals Intact:	☒	☐	4. Smpl Dates/Time OK	☒	☐

Cooler Temperature

Y or N

1. Temp criteria achieved:	☐	☐
2. Cooler temp verification:	N/A	
3. Cooler media:	N/A	
4. No. Coolers:	N/A	

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler:	☐	☐	☒
2. Trip Blank listed on COC:	☐	☐	☒
3. Samples preserved properly:	☒	☐	
4. VOCs headspace free:	☐	☐	☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles:	☒	☐
2. Container labeling complete:	☒	☐
3. Sample container label / COC agree:	☒	☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT:	☒	☐
2. All containers accounted for:	☒	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear:	☒	☐	
2. Bottles received for unspecified tests	☐	☒	
3. Sufficient volume recvd for analysis:	☒	☐	
4. Compositing instructions clear:	☐	☐	☒
5. Filtering instructions clear:	☐	☐	☒

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JD95228: Chain of Custody

Page 2 of 2

Summa Canister and Flow Controller Log

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Received: 08/30/24

SUMMA CANISTERS												
Shipping							Receiving					
Summa ID	Vac L	Date " Hg Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A2327	1.4 30	08/13/24	JT	CP12843	7W08195.D	JD95228-1	09/12/24	RC	1.5			1

SGS Bottle Order(s):
BW-073024-125

Prep Date Room Temp(F) Bar Pres "Hg
08/13/24 70 29.92



MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W333-MB	7W08915.D	1	09/15/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples:

Method: TO-15

JD95228-1

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Page 2 of 3

Job Number: JD95228**Account:** UTC Raytheon Technologies Corporation**Project:** AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W333-MB	7W08915.D	1	09/15/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples:**Method:** TO-15

JD95228-1

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W333-MB	7W08915.D	1	09/15/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples: Method: TO-15

JD95228-1

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	95% 65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	1.60	7.9	ppbv	J
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Page 1 of 3

Job Number: JD95228**Account:** UTC Raytheon Technologies Corporation**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-MB	8W06533.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here applies to the following samples:**Method:** TO-15

V8W250-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Page 2 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-MB	8W06533.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here applies to the following samples:

Method: TO-15

V8W250-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-MB	8W06533.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here applies to the following samples: Method: TO-15

V8W250-SCC

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	85% 65-128%

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W333-BS	7W08912.D	1	09/15/24	BK	n/a	n/a	V7W333
V7W333-BSD	7W08913.D	1	09/15/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples:

Method: TO-15

JD95228-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	7.9	77	7.7	75	3	70-130/30
106-99-0	1,3-Butadiene	10.8	9.2	85	8.8	81	4	70-130/30
71-43-2	Benzene	11	10.0	91	9.7	88	3	70-130/30
75-27-4	Bromodichloromethane	10.5	10.6	101	10.2	97	4	70-130/30
75-25-2	Bromoform	10.7	12.3	115	11.9	111	3	70-130/30
74-83-9	Bromomethane	10.5	8.7	83	8.4	80	4	70-130/30
593-60-2	Bromoethene	10.6	9.5	90	9.2	87	3	70-130/30
100-44-7	Benzyl Chloride	10.4	18.1	174* a	17.8	171* a	2	70-130/30
75-15-0	Carbon disulfide	10.6	8.2	77	7.9	75	4	70-130/30
108-90-7	Chlorobenzene	10.8	10.4	96	10.1	94	3	70-130/30
75-00-3	Chloroethane	10.4	8.8	85	8.5	82	3	70-130/30
67-66-3	Chloroform	10.8	9.8	91	9.4	87	4	70-130/30
74-87-3	Chloromethane	10.4	8.4	81	8.2	79	2	70-130/30
107-05-1	3-Chloropropene	10.5	8.3	79	8.0	76	4	70-130/30
95-49-8	2-Chlorotoluene	10.3	10.4	101	10.1	98	3	70-130/30
56-23-5	Carbon tetrachloride	10.8	11.5	106	11.3	105	2	70-130/30
110-82-7	Cyclohexane	10.9	10.9	100	10.6	97	3	70-130/30
75-34-3	1,1-Dichloroethane	10.7	10.5	98	10.2	95	3	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	8.9	83	8.7	81	2	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.4	104	11.0	100	4	70-130/30
107-06-2	1,2-Dichloroethane	10.9	9.1	83	9.0	83	1	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.5	100	10.2	97	3	70-130/30
123-91-1	1,4-Dioxane	10.5	10.1	96	9.9	94	2	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	9.0	85	8.7	82	3	70-130/30
124-48-1	Dibromochloromethane	10.5	11.8	112	11.4	109	3	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	10.5	100	10.1	96	4	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	10.3	96	10.0	93	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.6	108	11.2	105	4	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.6	102	10.3	99	3	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.6	99	10.4	97	2	70-130/30
106-46-7	p-Dichlorobenzene	10.9	10.8	99	10.6	97	2	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	11.4	112	11.1	109	3	70-130/30
64-17-5	Ethanol	10.2	8.9	87	8.7	85	2	70-130/30
100-41-4	Ethylbenzene	11	10.0	91	9.8	89	2	70-130/30
141-78-6	Ethyl Acetate	10.8	10.0	93	9.7	90	3	70-130/30
622-96-8	4-Ethyltoluene	10.9	10.6	97	10.4	95	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W333-BS	7W08912.D	1	09/15/24	BK	n/a	n/a	V7W333
V7W333-BSD	7W08913.D	1	09/15/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples:

Method: TO-15

JD95228-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	9.4	89	9.1	86	3	70-130/30
76-14-2	Freon 114	11	9.0	82	8.7	79	3	70-130/30
142-82-5	Heptane	11	11.8	107	11.4	104	3	70-130/30
87-68-3	Hexachlorobutadiene	10.8	11.4	106	11.4	106	0	70-130/30
110-54-3	Hexane	10.8	9.4	87	9.1	84	3	70-130/30
591-78-6	2-Hexanone	10.6	9.2	87	9.1	86	1	70-130/30
67-63-0	Isopropyl Alcohol	10.6	9.2	87	9.1	86	1	70-130/30
75-09-2	Methylene chloride	10.5	7.8	74	7.7	73	1	70-130/30
78-93-3	Methyl ethyl ketone	10.8	10.6	98	10.3	95	3	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	9.9	92	9.6	89	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	10.9	101	10.5	97	4	70-130/30
80-62-6	Methylmethacrylate	10.9	11.1	102	10.7	98	4	70-130/30
115-07-1	Propylene	10.9	13.2	121	12.8	117	3	70-130/30
100-42-5	Styrene	11	10.8	98	10.6	96	2	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	10.6	98	10.3	95	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	10.4	95	10.2	94	2	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	10.9	102	10.5	98	4	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	10.3	94	10.7	98	4	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	10.2	93	10	91	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	10.4	95	10.2	94	2	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.8	10.3	95	10	93	3	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.9	8.1	82	8.0	81	1	70-130/30
127-18-4	Tetrachloroethylene	10.9	11.5	106	11.2	103	3	70-130/30
109-99-9	Tetrahydrofuran	10.5	10.5	100	10.3	98	2	70-130/30
108-88-3	Toluene	10.6	10.2	96	9.8	92	4	70-130/30
79-01-6	Trichloroethylene	10.5	10.2	97	9.9	94	3	70-130/30
75-69-4	Trichlorofluoromethane	10.6	8.9	84	8.6	81	3	70-130/30
75-01-4	Vinyl chloride	10.3	8.3	81	8.1	79	2	70-130/30
108-05-4	Vinyl Acetate	10.4	10.7	103	10.5	101	2	70-130/30
	m,p-Xylene	21.4	19.6	92	19.2	90	2	70-130/30
95-47-6	o-Xylene	10.9	9.9	91	9.8	90	1	70-130/30
1330-20-7	Xylenes (total)	32.3	29.5	91	28.9	89	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W333-BS	7W08912.D	1	09/15/24	BK	n/a	n/a	V7W333
V7W333-BSD	7W08913.D	1	09/15/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples: Method: TO-15

JD95228-1

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	97%	98%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-BS	8W06529.D	1	07/31/24	TCH	n/a	n/a	V8W250
V8W250-BSD	8W06530.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here applies to the following samples:

Method: TO-15

V8W250-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	8.0	78	7.7	75	4	70-130/30
106-99-0	1,3-Butadiene	10.8	9.7	90	9.5	88	2	70-130/30
71-43-2	Benzene	11	10.4	95	10.1	92	3	70-130/30
75-27-4	Bromodichloromethane	10.5	11.0	105	10.6	101	4	70-130/30
75-25-2	Bromoform	10.7	15.2	142* a	14.5	136* a	5	70-130/30
74-83-9	Bromomethane	10.5	9.7	92	9.5	90	2	70-130/30
593-60-2	Bromoethene	10.6	10.4	98	10.2	96	2	70-130/30
100-44-7	Benzyl Chloride	10.4	11.0	106	10.4	100	6	70-130/30
75-15-0	Carbon disulfide	10.6	9.7	92	9.6	91	1	70-130/30
108-90-7	Chlorobenzene	10.8	12.3	114	12.0	111	2	70-130/30
75-00-3	Chloroethane	10.4	8.6	83	8.6	83	0	70-130/30
67-66-3	Chloroform	10.8	9.8	91	9.6	89	2	70-130/30
74-87-3	Chloromethane	10.4	9.6	92	9.7	93	1	70-130/30
107-05-1	3-Chloropropene	10.5	8.6	82	8.4	80	2	70-130/30
95-49-8	2-Chlorotoluene	10.3	13.7	133* a	13.2	128	4	70-130/30
56-23-5	Carbon tetrachloride	10.8	11.9	110	11.5	106	3	70-130/30
110-82-7	Cyclohexane	10.9	12.3	113	12.0	110	2	70-130/30
75-34-3	1,1-Dichloroethane	10.7	9.9	93	9.7	91	2	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	10.1	94	9.8	92	3	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	12.8	116	12.5	114	2	70-130/30
107-06-2	1,2-Dichloroethane	10.9	9.1	83	8.9	82	2	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.4	99	10.1	96	3	70-130/30
123-91-1	1,4-Dioxane	10.5	12.1	115	11.9	113	2	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	9.3	88	9.8	92	5	70-130/30
124-48-1	Dibromochloromethane	10.5	13.8	131* a	13.2	126	4	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	11.1	106	10.9	104	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	11.3	106	10.9	102	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.8	110	11.5	107	3	70-130/30
541-73-1	m-Dichlorobenzene	10.4	12.8	123	12.4	119	3	70-130/30
95-50-1	o-Dichlorobenzene	10.7	12.6	118	12.3	115	2	70-130/30
106-46-7	p-Dichlorobenzene	10.9	13.3	122	12.9	118	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	11.0	108	10.7	105	3	70-130/30
64-17-5	Ethanol	10.2	9.1	89	9.0	88	1	70-130/30
100-41-4	Ethylbenzene	11	12.2	111	11.8	107	3	70-130/30
141-78-6	Ethyl Acetate	10.8	10.1	94	9.7	90	4	70-130/30
622-96-8	4-Ethyltoluene	10.9	13.3	122	12.9	118	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-BS	8W06529.D	1	07/31/24	TCH	n/a	n/a	V8W250
V8W250-BSD	8W06530.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here applies to the following samples:

Method: TO-15

V8W250-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	11.4	108	10.9	103	4	70-130/30
76-14-2	Freon 114	11	10.6	96	9.3	85	13	70-130/30
142-82-5	Heptane	11	11.0	100	10.8	98	2	70-130/30
87-68-3	Hexachlorobutadiene	10.8	11.1	103	10.8	100	3	70-130/30
110-54-3	Hexane	10.8	10.2	94	10.0	93	2	70-130/30
591-78-6	2-Hexanone	10.6	11.5	108	11.3	107	2	70-130/30
67-63-0	Isopropyl Alcohol	10.6	9.0	85	8.8	83	2	70-130/30
75-09-2	Methylene chloride	10.5	8.5	81	8.3	79	2	70-130/30
78-93-3	Methyl ethyl ketone	10.8	11.1	103	10.9	101	2	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	11.4	106	11.1	103	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	10.1	94	9.9	92	2	70-130/30
80-62-6	Methylmethacrylate	10.9	11.9	109	11.6	106	3	70-130/30
115-07-1	Propylene	10.9	8.5	78	8.5	78	0	70-130/30
100-42-5	Styrene	11	14.1	128	13.7	125	3	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	10.4	96	10.1	94	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	11.5	106	11.2	103	3	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	11.4	107	11.1	104	3	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	12.2	112	11.6	106	5	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	12.3	112	12.1	110	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	12.8	117	12.3	113	4	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.8	10.6	98	10.4	96	2	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.9	8.7	88	8.4	85	4	70-130/30
127-18-4	Tetrachloroethylene	10.9	12.9	118	12.6	116	2	70-130/30
109-99-9	Tetrahydrofuran	10.5	10.5	100	10.3	98	2	70-130/30
108-88-3	Toluene	10.6	11.9	112	11.7	110	2	70-130/30
79-01-6	Trichloroethylene	10.5	10.9	104	10.8	103	1	70-130/30
75-69-4	Trichlorofluoromethane	10.6	9.5	90	9.2	87	3	70-130/30
75-01-4	Vinyl chloride	10.3	9.2	89	9.1	88	1	70-130/30
108-05-4	Vinyl Acetate	10.4	11.0	106	10.5	101	5	70-130/30
	m,p-Xylene	21.4	23.1	108	22.4	105	3	70-130/30
95-47-6	o-Xylene	10.9	12.0	110	11.6	106	3	70-130/30
1330-20-7	Xylenes (total)	32.3	35.1	109	34.1	106	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-BS	8W06529.D	1	07/31/24	TCH	n/a	n/a	V8W250
V8W250-BSD	8W06530.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here applies to the following samples: Method: TO-15

V8W250-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	88%	87%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD95228-1DUP	7W08927.D	1	09/16/24	BK	n/a	n/a	V7W333
JD95228-1	7W08926.D	1	09/16/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples:

Method: TO-15

JD95228-1

CAS No.	Compound	JD95228-1 ppbv	DUP Q	ppbv	Q	RPD	Limits
67-64-1	Acetone (2-Propanone)	15.0		11.3		28* a	25
106-99-0	1,3-Butadiene	ND		ND		nc	25
71-43-2	Benzene	0.42	J	0.44	J	5	25
75-27-4	Bromodichloromethane	ND		ND		nc	25
75-25-2	Bromoform	ND		ND		nc	25
74-83-9	Bromomethane	ND		ND		nc	25
593-60-2	Bromoethene	ND		ND		nc	25
100-44-7	Benzyl Chloride	ND		ND		nc	25
75-15-0	Carbon disulfide	ND		ND		nc	25
108-90-7	Chlorobenzene	ND		ND		nc	25
75-00-3	Chloroethane	ND		ND		nc	25
67-66-3	Chloroform	ND		ND		nc	25
74-87-3	Chloromethane	ND		ND		nc	25
107-05-1	3-Chloropropene	ND		ND		nc	25
95-49-8	2-Chlorotoluene	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
110-82-7	Cyclohexane	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
106-93-4	1,2-Dibromoethane (EDB)	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
78-87-5	1,2-Dichloropropane	ND		ND		nc	25
123-91-1	1,4-Dioxane	ND		ND		nc	25
75-71-8	Dichlorodifluoromethane	ND		ND		nc	25
124-48-1	Dibromochloromethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	25
541-73-1	m-Dichlorobenzene	ND		ND		nc	25
95-50-1	o-Dichlorobenzene	ND		ND		nc	25
106-46-7	p-Dichlorobenzene	ND		ND		nc	25
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	25
64-17-5	Ethanol	2.3		1.6	J	36* a	25
100-41-4	Ethylbenzene	ND		ND		nc	25
141-78-6	Ethyl Acetate	0.74	J	0.82		10	25
622-96-8	4-Ethyltoluene	ND		ND		nc	25

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD95228-1DUP	7W08927.D	1	09/16/24	BK	n/a	n/a	V7W333
JD95228-1	7W08926.D	1	09/16/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples:

Method: TO-15

JD95228-1

CAS No.	Compound	JD95228-1 ppbv	DUP Q	ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	25
76-14-2	Freon 114	ND		ND		nc	25
142-82-5	Heptane	ND		ND		nc	25
87-68-3	Hexachlorobutadiene	ND		ND		nc	25
110-54-3	Hexane	0.52	J	0.43	J	19	25
591-78-6	2-Hexanone	ND		ND		nc	25
67-63-0	Isopropyl Alcohol	33.3		25.7		26* a	25
75-09-2	Methylene chloride	1.0		0.74	J	30* a	25
78-93-3	Methyl ethyl ketone	1.1		0.76	J	37* a	25
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	25
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	25
80-62-6	Methylmethacrylate	ND		ND		nc	25
115-07-1	Propylene	ND		ND		nc	25
100-42-5	Styrene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	2.1		2.3		9	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	25
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	25
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	25
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	25
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	25
127-18-4	Tetrachloroethylene	126		132		5	25
109-99-9	Tetrahydrofuran	0.62	J	0.61	J	2	25
108-88-3	Toluene	ND		ND		nc	25
79-01-6	Trichloroethylene	1.1		1.0		10	25
75-69-4	Trichlorofluoromethane	0.99		0.94		5	25
75-01-4	Vinyl chloride	ND		ND		nc	25
108-05-4	Vinyl Acetate	0.86		ND		200* a	25
	m,p-Xylene	0.97		0.98		1	25
95-47-6	o-Xylene	0.51	J	0.51	J	0	25
1330-20-7	Xylenes (total)	1.5		1.5		0	25

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD95228-1DUP	7W08927.D	1	09/16/24	BK	n/a	n/a	V7W333
JD95228-1	7W08926.D	1	09/16/24	BK	n/a	n/a	V7W333

The QC reported here applies to the following samples: Method: TO-15

JD95228-1

CAS No.	Surrogate Recoveries	DUP	JD95228-1	Limits
460-00-4	4-Bromofluorobenzene	96%	96%	65-128%

(a) Outside control limits.

* = Outside of Control Limits.

Summa Cleaning Certification

Page 1 of 3

Job Number: JD95228**Account:** UTC Raytheon Technologies Corporation**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-SCC	8W06534.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here (Summa A2440) applies to the following samples:**Method:** TO-15

Batch CP12843 cleaned 07/29/24: JD95228-1(A2327)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.80	0.58	ppbv		ND	1.9	ug/m3
106-99-0	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	ug/m3
71-43-2	Benzene	ND	0.80	0.19	ppbv		ND	2.6	ug/m3
75-27-4	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	Bromoform	ND	0.80	0.28	ppbv		ND	8.3	ug/m3
74-83-9	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	ug/m3
593-60-2	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	ug/m3
100-44-7	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	ug/m3
75-15-0	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	ug/m3
108-90-7	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	ug/m3
75-00-3	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	ug/m3
67-66-3	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
74-87-3	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	ug/m3
107-05-1	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	ug/m3
95-49-8	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	ug/m3
56-23-5	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.80	0.24	ppbv		ND	3.2	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	ug/m3
123-91-1	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	ug/m3
124-48-1	Dibromochloromethane	ND	0.80	0.21	ppbv		ND	6.8	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.80	0.12	ppbv		ND	3.2	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.80	0.53	ppbv		ND	4.8	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.80	0.28	ppbv		ND	4.8	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	ug/m3
64-17-5	Ethanol	ND	2.0	1.6	ppbv		ND	3.8	ug/m3
100-41-4	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	ug/m3
141-78-6	Ethyl Acetate	ND	0.80	0.42	ppbv		ND	2.9	ug/m3
622-96-8	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	ug/m3

Summa Cleaning Certification

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Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-SCC	8W06534.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here (Summa A2440) applies to the following samples:

Method: TO-15

Batch CP12843 cleaned 07/29/24: JD95228-1(A2327)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
76-14-2	Freon 114	ND	0.80	0.20	ppbv		ND	5.6	ug/m3
142-82-5	Heptane	ND	0.80	0.36	ppbv		ND	3.3	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	ug/m3
110-54-3	Hexane	ND	0.80	0.21	ppbv		ND	2.8	ug/m3
591-78-6	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	ug/m3
75-09-2	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.80	0.44	ppbv		ND	2.4	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	ug/m3
80-62-6	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	ug/m3
115-07-1	Propylene	ND	2.0	0.57	ppbv		ND	3.4	ug/m3
100-42-5	Styrene	ND	0.80	0.21	ppbv		ND	3.4	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.80	0.31	ppbv		ND	4.4	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.80	0.19	ppbv		ND	5.5	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.80	0.15	ppbv		ND	4.4	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.80	0.48	ppbv		ND	5.9	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	ug/m3
127-18-4	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	ug/m3
109-99-9	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	ug/m3
108-88-3	Toluene	ND	0.80	0.23	ppbv		ND	3.0	ug/m3
79-01-6	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.80	0.62	ppbv		ND	4.5	ug/m3
75-01-4	Vinyl chloride	ND	0.80	0.28	ppbv		ND	2.0	ug/m3
108-05-4	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	ug/m3
	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	ug/m3
95-47-6	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	ug/m3
1330-20-7	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	ug/m3

Summa Cleaning Certification

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W250-SCC	8W06534.D	1	07/31/24	TCH	n/a	n/a	V8W250

The QC reported here (Summa A2440) applies to the following samples: Method: TO-15

Batch CP12843 cleaned 07/29/24: JD95228-1(A2327)

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	85% 65-128%

Instrument Performance Check (BFB)

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Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V7W305-BFB

Injection Date: 08/18/24

Lab File ID: 7W07974.D

Injection Time: 21:06

Instrument ID: GCMS7W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	20443	24.4	Pass
75	30.0 - 66.0% of mass 95	43320	51.7	Pass
95	Base peak, 100% relative abundance	83736	100.0	Pass
96	5.0 - 9.0% of mass 95	5915	7.06	Pass
173	Less than 2.0% of mass 174	627	0.75 (1.02) ^a	Pass
174	50.0 - 120.0% of mass 95	61525	73.5	Pass
175	4.0 - 9.01% of mass 174	4526	5.41 (7.36) ^a	Pass
176	93.0 - 101.0% of mass 174	58768	70.2 (95.5) ^a	Pass
177	5.0 - 9.0% of mass 176	3856	4.60 (6.56) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W305-IC305	7W07975.D	08/18/24	21:40	00:34	Initial cal 0.04
V7W305-IC305	7W07976.D	08/18/24	22:13	01:07	Initial cal 0.10
V7W305-IC305	7W07977.D	08/18/24	22:49	01:43	Initial cal 0.20
V7W305-IC305	7W07978.D	08/18/24	23:22	02:16	Initial cal 0.50
V7W305-IC305	7W07979.D	08/19/24	00:01	02:55	Initial cal 5
V7W305-ICC305	7W07980.D	08/19/24	00:35	03:29	Initial cal 10
V7W305-IC305	7W07981.D	08/19/24	01:10	04:04	Initial cal 20
V7W305-IC305	7W07982.D	08/19/24	01:48	04:42	Initial cal 40
V7W305-IC305	7W07983.D	08/19/24	02:28	05:22	Initial cal 50
V7W305-ICV305	7W07990.D	08/19/24	06:28	09:22	Initial cal verification 10
V7W306-BS	7W07991.D	08/19/24	07:07	10:01	Blank Spike
V7W306-BSD	7W07992.D	08/19/24	07:40	10:34	Blank Spike Duplicate
V7W306-MB	7W07996.D	08/19/24	10:30	13:24	Method Blank
ZZZZZZ	7W07997.D	08/19/24	11:04	13:58	(unrelated sample)
ZZZZZZ	7W07998.D	08/19/24	11:39	14:33	(unrelated sample)
ZZZZZZ	7W07999.D	08/19/24	12:15	15:09	(unrelated sample)
JD93469-1	7W08000.D	08/19/24	12:50	15:44	(used for QC only; not part of job JD95228)
JD93469-1DUP	7W08001.D	08/19/24	13:26	16:20	Duplicate
ZZZZZZ	7W08002.D	08/19/24	14:07	17:01	(unrelated sample)
ZZZZZZ	7W08003.D	08/19/24	14:50	17:44	(unrelated sample)
ZZZZZZ	7W08004.D	08/19/24	15:30	18:24	(unrelated sample)
ZZZZZZ	7W08005.D	08/19/24	16:05	18:59	(unrelated sample)
ZZZZZZ	7W08006.D	08/19/24	16:46	19:40	(unrelated sample)
ZZZZZZ	7W08007.D	08/19/24	17:31	20:25	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample:	V7W305-BFB	Injection Date:	08/18/24
Lab File ID:	7W07974.D	Injection Time:	21:06
Instrument ID:	GCMS7W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	7W08008.D	08/19/24	18:11	21:05	(unrelated sample)
ZZZZZZ	7W08009.D	08/19/24	18:52	21:46	(unrelated sample)
ZZZZZZ	7W08010.D	08/19/24	20:04	22:58	(unrelated sample)
ZZZZZZ	7W08011.D	08/19/24	20:43	23:37	(unrelated sample)

6.5.1
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Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V7W333-BFB

Injection Date: 09/15/24

Lab File ID: 7W08910.D

Injection Time: 18:29

Instrument ID: GCMS7W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	15369	21.7	Pass
75	30.0 - 66.0% of mass 95	33357	47.2	Pass
95	Base peak, 100% relative abundance	70685	100.0	Pass
96	5.0 - 9.0% of mass 95	4709	6.66	Pass
173	Less than 2.0% of mass 174	156	0.22 (0.27) ^a	Pass
174	50.0 - 120.0% of mass 95	58741	83.1	Pass
175	4.0 - 9.01% of mass 174	4280	6.06 (7.29) ^a	Pass
176	93.0 - 101.0% of mass 174	57328	81.1 (97.6) ^a	Pass
177	5.0 - 9.0% of mass 176	3853	5.45 (6.72) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W333-CC305	7W08911.D	09/15/24	19:05	00:36	Continuing cal 10
V7W333-BS	7W08912.D	09/15/24	19:40	01:11	Blank Spike
V7W333-BSD	7W08913.D	09/15/24	20:15	01:46	Blank Spike Duplicate
V7W333-MB	7W08915.D	09/15/24	21:32	03:03	Method Blank
ZZZZZZ	7W08916.D	09/15/24	22:13	03:44	(unrelated sample)
ZZZZZZ	7W08917.D	09/15/24	23:24	04:55	(unrelated sample)
ZZZZZZ	7W08918.D	09/16/24	00:05	05:36	(unrelated sample)
ZZZZZZ	7W08919.D	09/16/24	00:45	06:16	(unrelated sample)
ZZZZZZ	7W08920.D	09/16/24	01:26	06:57	(unrelated sample)
ZZZZZZ	7W08921.D	09/16/24	02:07	07:38	(unrelated sample)
ZZZZZZ	7W08922.D	09/16/24	02:48	08:19	(unrelated sample)
ZZZZZZ	7W08923.D	09/16/24	03:29	09:00	(unrelated sample)
ZZZZZZ	7W08924.D	09/16/24	04:04	09:35	(unrelated sample)
ZZZZZZ	7W08925.D	09/16/24	04:39	10:10	(unrelated sample)
JD95228-1	7W08926.D	09/16/24	05:15	10:46	SVE-EFF
JD95228-1DUP	7W08927.D	09/16/24	05:51	11:22	Duplicate
ZZZZZZ	7W08928.D	09/16/24	06:33	12:04	(unrelated sample)
ZZZZZZ	7W08929.D	09/16/24	07:10	12:41	(unrelated sample)
ZZZZZZ	7W08930.D	09/16/24	07:47	13:18	(unrelated sample)
ZZZZZZ	7W08931.D	09/16/24	08:25	13:56	(unrelated sample)
ZZZZZZ	7W08932.D	09/16/24	09:08	14:39	(unrelated sample)

Instrument Performance Check (BFB)

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Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V8W244-BFB

Injection Date: 07/22/24

Lab File ID: 8W06379.D

Injection Time: 22:21

Instrument ID: GCMS8W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	36384	22.0	Pass
75	30.0 - 66.0% of mass 95	94352	57.0	Pass
95	Base peak, 100% relative abundance	165440	100.0	Pass
96	5.0 - 9.0% of mass 95	10872	6.57	Pass
173	Less than 2.0% of mass 174	1310	0.79 (1.03) ^a	Pass
174	50.0 - 120.0% of mass 95	126965	76.7	Pass
175	4.0 - 9.01% of mass 174	9320	5.63 (7.34) ^a	Pass
176	93.0 - 101.0% of mass 174	123125	74.4 (97.0) ^a	Pass
177	5.0 - 9.0% of mass 176	8080	4.88 (6.56) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W244-IC244	8W06380.D	07/22/24	22:55	00:34	Initial cal 0.04
V8W244-IC244	8W06381.D	07/22/24	23:30	01:09	Initial cal 0.1
V8W244-IC244	8W06382.D	07/23/24	00:06	01:45	Initial cal 0.2
V8W244-IC244	8W06386.D	07/23/24	02:37	04:16	Initial cal 5
V8W244-ICC244	8W06387.D	07/23/24	03:13	04:52	Initial cal 10
V8W244-IC244	8W06388.D	07/23/24	03:49	05:28	Initial cal 20
V8W244-IC244	8W06389.D	07/23/24	04:29	06:08	Initial cal 40
V8W244-IC244	8W06390.D	07/23/24	05:10	06:49	Initial cal 50
V8W244-IC244	8W06400.D	07/23/24	14:46	16:25	Initial cal 0.5
V8W244-ICV244	8W06402.D	07/23/24	16:47	18:26	Initial cal verification 10

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JD95228

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V8W250-BFB

Injection Date: 07/31/24

Lab File ID: 8W06527.D

Injection Time: 11:54

Instrument ID: GCMS8W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	39867	19.1	Pass
75	30.0 - 66.0% of mass 95	104085	49.8	Pass
95	Base peak, 100% relative abundance	209012	100.0	Pass
96	5.0 - 9.0% of mass 95	13884	6.64	Pass
173	Less than 2.0% of mass 174	1672	0.80 (0.85) ^a	Pass
174	50.0 - 120.0% of mass 95	195584	93.6	Pass
175	4.0 - 9.01% of mass 174	14068	6.73 (7.19) ^a	Pass
176	93.0 - 101.0% of mass 174	191189	91.5 (97.8) ^a	Pass
177	5.0 - 9.0% of mass 176	12157	5.82 (6.36) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W250-CC244	8W06528.D	07/31/24	12:28	00:34	Continuing cal 10
V8W250-BS	8W06529.D	07/31/24	13:22	01:28	Blank Spike
V8W250-BSD	8W06530.D	07/31/24	13:55	02:01	Blank Spike Duplicate
V8W250-MB	8W06533.D	07/31/24	16:33	04:39	Method Blank
V8W250-SCC	8W06534.D	07/31/24	17:23	05:29	Summa Cleaning Certification
V8W250-SCC	8W06535.D	07/31/24	17:57	06:03	Summa Cleaning Certification
ZZZZZZ	8W06536.D	07/31/24	18:37	06:43	(unrelated sample)
JD91882-2	8W06537.D	07/31/24	19:17	07:23	(used for QC only; not part of job JD95228)
JD91882-2DUP	8W06538.D	07/31/24	19:58	08:04	Duplicate
ZZZZZZ	8W06539.D	07/31/24	20:38	08:44	(unrelated sample)
ZZZZZZ	8W06540.D	07/31/24	21:19	09:25	(unrelated sample)
ZZZZZZ	8W06541.D	07/31/24	21:59	10:05	(unrelated sample)
ZZZZZZ	8W06542.D	07/31/24	22:39	10:45	(unrelated sample)
ZZZZZZ	8W06543.D	07/31/24	23:20	11:26	(unrelated sample)
ZZZZZZ	8W06544.D	08/01/24	00:00	12:06	(unrelated sample)
ZZZZZZ	8W06545.D	08/01/24	00:40	12:46	(unrelated sample)
ZZZZZZ	8W06546.D	08/01/24	01:20	13:26	(unrelated sample)
ZZZZZZ	8W06547.D	08/01/24	02:00	14:06	(unrelated sample)
ZZZZZZ	8W06548.D	08/01/24	02:40	14:46	(unrelated sample)
ZZZZZZ	8W06549.D	08/01/24	03:21	15:27	(unrelated sample)
ZZZZZZ	8W06550.D	08/01/24	04:02	16:08	(unrelated sample)
ZZZZZZ	8W06551.D	08/01/24	04:38	16:44	(unrelated sample)
ZZZZZZ	8W06552.D	08/01/24	05:14	17:20	(unrelated sample)
ZZZZZZ	8W06553.D	08/01/24	05:51	17:57	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample:	V8W250-BFB	Injection Date:	07/31/24
Lab File ID:	8W06527.D	Injection Time:	11:54
Instrument ID:	GCMS8W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	8W06554.D	08/01/24	06:27	18:33	(unrelated sample)
ZZZZZZ	8W06556.D	08/01/24	07:38	19:44	(unrelated sample)
ZZZZZZ	8W06557.D	08/01/24	08:13	20:19	(unrelated sample)
V8W250-SCC	8W06559.D	08/01/24	09:27	21:33	Summa Cleaning Certification

Surrogate Recovery Summary

Job Number: JD95228
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Method: TO-15	Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JD95228-1	7W08926.D	96
JD95228-1DUP	7W08927.D	96
V7W333-BS	7W08912.D	97
V7W333-BSD	7W08913.D	98
V7W333-MB	7W08915.D	95
V8W250-SCC	8W06534.D	85
V8W250-BS	8W06529.D	88
V8W250-BSD	8W06530.D	87
V8W250-MB	8W06533.D	85

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Raytheon Technologies Corporation

AECOMSCG: Delavan Spray Technologies; Bamberg, SC

PO#1610011

SGS Job Number: JE1419

Sampling Date: 11/21/24



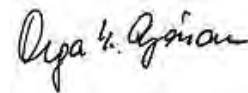
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Total number of pages in report: **41**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.



Olga Azarian
Technical Director

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Certifications: NJ(12129), NY(10983), CA, CO, CT, FL, HI, IL, IN, KY, LA (120428), MA, MD, ME, MN, NC, NH, NV, AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX (T104704234), UT, VA, WA, WV

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Test results relate only to samples analyzed.

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Sample Summary

Raytheon Technologies Corporation

Job No: JE1419

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: PO#1610011

Sample Number	Collected		Matrix		Client	
	Date	Time By	Received	Code Type	Sample ID	

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

JE1419-1	11/21/24	10:00 TD	11/23/24	AIR	Soil Vapor Comp.	SVE-EFF

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Raytheon Technologies Corporation

Job No: JE1419

Site: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Report Date 12/16/2024 7:05:43 A

On 11/23/2024, 1 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE1419 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method TO-15

Matrix: AIR

Batch ID: V5W2128

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE1419-1DUP were used as the QC samples indicated.
- JE1419-1 for Acetone (2-Propanone): This compound in blank spike duplicate is outside in house QC limits bias low.

Matrix: AIR

Batch ID: V8W282

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Monday, December 16, 2024

Page 1 of 1

Summary of Hits

Job Number: JE1419
Account: Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 11/21/24



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JE1419-1 SVE-EFF

Acetone (2-Propanone) ^a	10.2	0.80	0.58	ppbv	TO-15
Benzene	32.2	0.80	0.19	ppbv	TO-15
trans-1,2-Dichloroethylene	620	8.0	1.1	ppbv	TO-15
cis-1,2-Dichloroethylene	2.2	0.80	0.12	ppbv	TO-15
Ethanol	2.7	2.0	1.6	ppbv	TO-15
Ethyl Acetate	3.6	0.80	0.42	ppbv	TO-15
Hexane	0.63 J	0.80	0.21	ppbv	TO-15
Isopropyl Alcohol	59.4	0.80	0.56	ppbv	TO-15
Methyl ethyl ketone	1.5	0.80	0.44	ppbv	TO-15
Tetrachloroethylene	51.3	0.16	0.056	ppbv	TO-15
Toluene	0.98	0.80	0.23	ppbv	TO-15
Trichloroethylene	0.37	0.16	0.076	ppbv	TO-15
m,p-Xylene	1.0	0.80	0.56	ppbv	TO-15
o-Xylene	0.60 J	0.80	0.31	ppbv	TO-15
Xylenes (total)	1.6	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone) ^a	24.2	1.9	1.4	ug/m3	TO-15
Benzene	103	2.6	0.61	ug/m3	TO-15
trans-1,2-Dichloroethylene	2460	32	4.4	ug/m3	TO-15
cis-1,2-Dichloroethylene	8.7	3.2	0.48	ug/m3	TO-15
Ethanol	5.1	3.8	3.0	ug/m3	TO-15
Ethyl Acetate	13	2.9	1.5	ug/m3	TO-15
Hexane	2.2 J	2.8	0.74	ug/m3	TO-15
Isopropyl Alcohol	146	2.0	1.4	ug/m3	TO-15
Methyl ethyl ketone	4.4	2.4	1.3	ug/m3	TO-15
Tetrachloroethylene	348	1.1	0.38	ug/m3	TO-15
Toluene	3.7	3.0	0.87	ug/m3	TO-15
Trichloroethylene	2.0	0.86	0.41	ug/m3	TO-15
m,p-Xylene	4.3	3.5	2.4	ug/m3	TO-15
o-Xylene	2.6 J	3.5	1.3	ug/m3	TO-15
Xylenes (total)	6.9	3.5	1.3	ug/m3	TO-15

(a) This compound in blank spike duplicate is outside in house QC limits bias low.



Dayton, NJ

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SVE-EFF						
Lab Sample ID:	JE1419-1					Date Sampled:	11/21/24
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	A2303			Date Received:	11/23/24
Method:	TO-15					Percent Solids:	n/a
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W55548.D	1	12/12/24 00:46	BK	n/a	n/a	V5W2128
Run #2	8W07625.D	1	12/12/24 18:02	WC	n/a	n/a	V8W282

	Initial Volume
Run #1	100 ml
Run #2	10.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone) ^a	10.2	0.80	0.58	ppbv		24.2	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	32.2	0.80	0.19	ppbv		103	2.6	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.28	ppbv		ND	8.3	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.24	ppbv		ND	3.2	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.80	0.12	ppbv		ND	6.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	0.68	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.21	ppbv		ND	6.8	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	620 ^b	8.0	1.1	ppbv		2460 ^b	32	4.4	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	2.2	0.80	0.12	ppbv		8.7	3.2	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.53	ppbv		ND	4.8	3.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.28	ppbv		ND	4.8	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SVE-EFF	Date Sampled:	11/21/24
Lab Sample ID:	JE1419-1	Date Received:	11/23/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2303	Percent Solids:	n/a
Method:	TO-15		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	2.7	2.0	1.6	ppbv		5.1	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	3.6	0.80	0.42	ppbv		13	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.12	ppbv		ND	6.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.20	ppbv		ND	5.6	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.36	ppbv		ND	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.18	Hexane	0.63	0.80	0.21	ppbv	J	2.2	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	59.4	0.80	0.56	ppbv		146	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.5	0.80	0.44	ppbv		4.4	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.31	ppbv		ND	4.4	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.80	0.19	ppbv		ND	5.5	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.15	ppbv		ND	4.4	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.48	ppbv		ND	5.9	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	51.3	0.16	0.056	ppbv		348	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	0.98	0.80	0.23	ppbv		3.7	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	0.37	0.16	0.076	ppbv		2.0	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.62	ppbv		ND	4.5	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.28	ppbv		ND	2.0	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	1.0	0.80	0.56	ppbv		4.3	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	0.60	0.80	0.31	ppbv	J	2.6	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	1.6	0.80	0.31	ppbv		6.9	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	113%	103%	65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID: SVE-EFF

Lab Sample ID: JE1419-1

Matrix: AIR - Soil Vapor Comp. Summa ID: A2303

Method: TO-15

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Date Sampled: 11/21/24

Date Received: 11/23/24

Percent Solids: n/a

VOA T015 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike duplicate is outside in house QC limits bias low.

(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log



PAGE 1 OF 1

FED-EX Tracking # 737756879574	Return Order Location # 59-11624-187
SGS Quote #	SGS Job # OTE1419

5.1

<http://www.sgs.com/en/terms-and-conditions>

Page 1 of 2



SGS Sample Receipt Summary

Job Number: JE1419 **Client:** AECOM, INC. **Project:** AECOMSCG: DELAVAN SPRAY TECHNOL
Date / Time Received: 11/23/2024 10:45:00 AM **Delivery Method:** FED EX **Airbill #s:** 7377 5687 9574

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

<u>Cooler Security</u>	<u>Y</u>	<u>or</u>	<u>N</u>		<u>Y</u>	<u>or</u>	<u>N</u>
1. Custody Seals Present:	☒		☐	3. COC Present:	☒		☐
2. Custody Seals Intact:	☒		☐	4. Smpl Dates/Time OK	☒		☐

<u>Cooler Temperature</u>	<u>Y</u>	<u>or</u>	<u>N</u>
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

<u>Quality Control Preservation</u>	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler:	☐		☐	☒
2. Trip Blank listed on COC:	☐		☐	☒
3. Samples preserved properly:	☒		☐	
4. VOCs headspace free:	☐		☐	☒

<u>Sample Integrity - Documentation</u>	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample labels present on bottles:	☒		☐
2. Container labeling complete:	☒		☐
3. Sample container label / COC agree:	☒		☐

<u>Sample Integrity - Condition</u>	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample recvd within HT:	☒		☐
2. All containers accounted for:	☒		☐
3. Condition of sample:	Intact		

<u>Sample Integrity - Instructions</u>	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Analysis requested is clear:	☒		☐	
2. Bottles received for unspecified tests	☐		☒	
3. Sufficient volume recvd for analysis:	☒		☐	
4. Compositing instructions clear:	☐		☐	☒
5. Filtering instructions clear:	☐		☐	☒

Test Strip Lot #s:	pH 1-12: 231619	pH 12+: 203117A	Other: (Specify) _____

Comments

SM089-03
 Rev. Date 12/7/17

JE1419: Chain of Custody

Page 2 of 2

Summa Canister and Flow Controller Log

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Received: 11/23/24

SUMMA CANISTERS													
Shipping							Receiving						
Summa ID	Vac L	Date " Hg Out	By	SCC Batch	SCC FileID		Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A2303	1.4	29	11/12/24	JT	CP12899	7W09794.D	JE1419-1	11/26/24	RC	1			1

FLOW CONTROLLERS / OTHER										
Shipping					Receiving					
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type	
FC1311	11/12/24	JT	185	.0833	11/27/24	RC	189	2.1	Flow Controller	

SGS Bottle Order(s):
SY-11624-187

Prep Date Room Temp(F) Bar Pres "Hg
11/12/24 70 29.92

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 2

Job Number: JE1419**Account:** UTC Raytheon Technologies Corporation**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2128-MB	5W55543.D	1	12/11/24	BK	n/a	n/a	V5W2128

The QC reported here applies to the following samples:**Method:** TO-15

JE1419-1

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JE1419**Account:** UTC Raytheon Technologies Corporation**Project:** AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2128-MB	5W55543.D	1	12/11/24	BK	n/a	n/a	V5W2128

The QC reported here applies to the following samples:**Method:** TO-15

JE1419-1

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	112% 65-128%

Method Blank Summary

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W282-MB	8W07617.D	1	12/12/24	WC	n/a	n/a	V8W282

The QC reported here applies to the following samples: Method: TO-15

JE1419-1

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	101% 65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	1.67	6	ppbv	J
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

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Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-MB	7W09765.D	1	10/17/24	TCH	n/a	n/a	V7W363

The QC reported here applies to the following samples:

Method: TO-15

V7W363-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Page 2 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-MB	7W09765.D	1	10/17/24	TCH	n/a	n/a	V7W363

The QC reported here applies to the following samples:

Method: TO-15

V7W363-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-MB	7W09765.D	1	10/17/24	TCH	n/a	n/a	V7W363

The QC reported here applies to the following samples: Method: TO-15

V7W363-SCC

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	93% 65-128%

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2128-BS	5W55539.D	1	12/11/24	BK	n/a	n/a	V5W2128
V5W2128-BSD	5W55541.D	1	12/11/24	BK	n/a	n/a	V5W2128

The QC reported here applies to the following samples:

Method: TO-15

JE1419-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	7.2	70	6.9	67* a	4	70-130/30
106-99-0	1,3-Butadiene	10.8	9.2	85	9.1	84	1	70-130/30
71-43-2	Benzene	11	11.2	102	10.9	99	3	70-130/30
75-27-4	Bromodichloromethane	10.5	10.6	101	10.4	99	2	70-130/30
75-25-2	Bromoform	10.7	13.0	121	12.9	121	1	70-130/30
74-83-9	Bromomethane	10.5	8.8	84	8.8	84	0	70-130/30
593-60-2	Bromoethene	10.6	9.6	91	9.7	92	1	70-130/30
100-44-7	Benzyl Chloride	10.4	12.2	117	11.7	113	4	70-130/30
75-15-0	Carbon disulfide	10.6	11.0	104	10.8	102	2	70-130/30
108-90-7	Chlorobenzene	10.8	11.7	108	11.5	106	2	70-130/30
75-00-3	Chloroethane	10.4	8.7	84	8.6	83	1	70-130/30
67-66-3	Chloroform	10.8	10.8	100	10.5	97	3	70-130/30
74-87-3	Chloromethane	10.4	9.3	89	9.4	90	1	70-130/30
107-05-1	3-Chloropropene	10.5	11.2	107	11.0	105	2	70-130/30
95-49-8	2-Chlorotoluene	10.3	12.2	118	11.9	116	2	70-130/30
56-23-5	Carbon tetrachloride	10.8	11.3	105	11.2	104	1	70-130/30
110-82-7	Cyclohexane	10.9	11.7	107	11.4	105	3	70-130/30
75-34-3	1,1-Dichloroethane	10.7	10.9	102	10.6	99	3	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	10.9	102	10.8	101	1	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	12.5	114	12.3	112	2	70-130/30
107-06-2	1,2-Dichloroethane	10.9	11.2	103	11.0	101	2	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.3	98	9.9	94	4	70-130/30
123-91-1	1,4-Dioxane	10.5	11.0	105	10.7	102	3	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	10.7	101	10.9	103	2	70-130/30
124-48-1	Dibromochloromethane	10.5	12.7	121	12.8	122	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	11.1	104	10.8	101	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.7	109	11.4	107	3	70-130/30
541-73-1	m-Dichlorobenzene	10.4	12.1	116	11.7	113	3	70-130/30
95-50-1	o-Dichlorobenzene	10.7	12.1	113	11.7	109	3	70-130/30
106-46-7	p-Dichlorobenzene	10.9	12.6	116	12.2	112	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	11.6	114	11.2	110	4	70-130/30
64-17-5	Ethanol	10.2	9.2	90	8.9	87	3	70-130/30
100-41-4	Ethylbenzene	11	12.9	117	12.6	115	2	70-130/30
141-78-6	Ethyl Acetate	10.8	12.3	114	12.0	111	2	70-130/30
622-96-8	4-Ethyltoluene	10.9	13.3	122	12.9	118	3	70-130/30
76-13-1	Freon 113	10.6	11.0	104	11.1	105	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2128-BS	5W55539.D	1	12/11/24	BK	n/a	n/a	V5W2128
V5W2128-BSD	5W55541.D	1	12/11/24	BK	n/a	n/a	V5W2128

The QC reported here applies to the following samples:

Method: TO-15

JE1419-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-14-2	Freon 114	11	9.9	90	10.0	91	1	70-130/30
142-82-5	Heptane	11	11.7	106	11.1	101	5	70-130/30
87-68-3	Hexachlorobutadiene	10.8	12.6	117	12.1	112	4	70-130/30
110-54-3	Hexane	10.8	11.5	106	11.1	103	4	70-130/30
591-78-6	2-Hexanone	10.6	13.4	126	13.1	124	2	70-130/30
67-63-0	Isopropyl Alcohol	10.6	10.7	101	10.5	99	2	70-130/30
75-09-2	Methylene chloride	10.5	10	95	9.8	93	2	70-130/30
78-93-3	Methyl ethyl ketone	10.8	12.9	119	12.4	115	4	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	11.9	110	11.4	106	4	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	11.6	107	11.5	106	1	70-130/30
80-62-6	Methylmethacrylate	10.9	12.0	110	11.5	106	4	70-130/30
115-07-1	Propylene	10.9	10.3	94	9.9	91	4	70-130/30
100-42-5	Styrene	11	14.0	127	13.6	124	3	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	11.0	102	10.9	101	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	11.8	108	11.3	104	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	10.7	100	10.3	96	4	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	12.8	117	12.3	113	4	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	13.3	121	12.9	117	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	13.0	119	12.6	116	3	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.8	11.5	106	10.9	101	5	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.9	10.9	110	10.8	109	1	70-130/30
127-18-4	Tetrachloroethylene	10.9	11.6	106	11.6	106	0	70-130/30
109-99-9	Tetrahydrofuran	10.5	12.3	117	12.0	114	2	70-130/30
108-88-3	Toluene	10.6	11.4	108	11.0	104	4	70-130/30
79-01-6	Trichloroethylene	10.5	10.6	101	10.3	98	3	70-130/30
75-69-4	Trichlorofluoromethane	10.6	10.2	96	10.4	98	2	70-130/30
75-01-4	Vinyl chloride	10.3	8.9	86	9.0	87	1	70-130/30
108-05-4	Vinyl Acetate	10.4	11.4	110	11.2	108	2	70-130/30
	m,p-Xylene	21.4	25.4	119	24.9	116	2	70-130/30
95-47-6	o-Xylene	10.9	12.9	118	12.6	116	2	70-130/30
1330-20-7	Xylenes (total)	32.3	38.3	119	37.5	116	2	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	102%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 3 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2128-BS	5W55539.D	1	12/11/24	BK	n/a	n/a	V5W2128
V5W2128-BSD	5W55541.D	1	12/11/24	BK	n/a	n/a	V5W2128

The QC reported here applies to the following samples:

Method: TO-15

JE1419-1

(a) Outside in house control limits.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W282-BS	8W07613.D	1	12/12/24	WC	n/a	n/a	V8W282
V8W282-BSD	8W07615.D	1	12/12/24	WC	n/a	n/a	V8W282

The QC reported here applies to the following samples: Method: TO-15

JE1419-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
156-60-5	trans-1,2-Dichloroethylene	10.5	7.8	74	9.5	90	20	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	104%	102%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-BS	7W09762.D	1	10/17/24	TCH	n/a	n/a	V7W363
V7W363-BSD	7W09763.D	1	10/17/24	TCH	n/a	n/a	V7W363

The QC reported here applies to the following samples:

Method: TO-15

V7W363-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	8.6	83	8.9	86	3	70-130/30
106-99-0	1,3-Butadiene	10.8	9.2	85	9.6	89	4	70-130/30
71-43-2	Benzene	11	11.3	103	11.4	104	1	70-130/30
75-27-4	Bromodichloromethane	10.5	10.8	103	10.8	103	0	70-130/30
75-25-2	Bromoform	10.7	12.0	112	12.1	113	1	70-130/30
74-83-9	Bromomethane	10.5	8.8	84	9.0	86	2	70-130/30
593-60-2	Bromoethene	10.6	9.2	87	9.6	91	4	70-130/30
100-44-7	Benzyl Chloride	10.4	20.5	197* a	20.9	201* a	2	70-130/30
75-15-0	Carbon disulfide	10.6	8.9	84	9.1	86	2	70-130/30
108-90-7	Chlorobenzene	10.8	10.4	96	10.5	97	1	70-130/30
75-00-3	Chloroethane	10.4	9.4	90	9.8	94	4	70-130/30
67-66-3	Chloroform	10.8	10.4	96	10.5	97	1	70-130/30
74-87-3	Chloromethane	10.4	8.4	81	8.5	82	1	70-130/30
107-05-1	3-Chloropropene	10.5	8.8	84	9.2	88	4	70-130/30
95-49-8	2-Chlorotoluene	10.3	10.3	100	10.5	102	2	70-130/30
56-23-5	Carbon tetrachloride	10.8	11.3	105	11.5	106	2	70-130/30
110-82-7	Cyclohexane	10.9	11.5	106	11.5	106	0	70-130/30
75-34-3	1,1-Dichloroethane	10.7	11.8	110	11.9	111	1	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	9.1	85	9.5	89	4	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.8	107	11.9	108	1	70-130/30
107-06-2	1,2-Dichloroethane	10.9	10.0	92	10.2	94	2	70-130/30
78-87-5	1,2-Dichloropropane	10.5	11.5	110	11.7	111	2	70-130/30
123-91-1	1,4-Dioxane	10.5	11.1	106	11.0	105	1	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	9.6	91	9.7	92	1	70-130/30
124-48-1	Dibromochloromethane	10.5	11.4	109	11.4	109	0	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	10.6	101	10.8	103	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	11.2	105	11.3	106	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	12.4	116	12.6	118	2	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.7	103	10.8	104	1	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.7	100	10.8	101	1	70-130/30
106-46-7	p-Dichlorobenzene	10.9	11.0	101	11.0	101	0	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	12.3	121	12.6	124	2	70-130/30
64-17-5	Ethanol	10.2	9.0	88	9.2	90	2	70-130/30
100-41-4	Ethylbenzene	11	10.4	95	10.6	96	2	70-130/30
141-78-6	Ethyl Acetate	10.8	11.2	104	11.4	106	2	70-130/30
622-96-8	4-Ethyltoluene	10.9	11.0	101	11.0	101	0	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-BS	7W09762.D	1	10/17/24	TCH	n/a	n/a	V7W363
V7W363-BSD	7W09763.D	1	10/17/24	TCH	n/a	n/a	V7W363

The QC reported here applies to the following samples:

Method: TO-15

V7W363-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	8.7	82	9.0	85	3	70-130/30
76-14-2	Freon 114	11	9.6	87	9.8	89	2	70-130/30
142-82-5	Heptane	11	10.6	96	10.8	98	2	70-130/30
87-68-3	Hexachlorobutadiene	10.8	11.7	108	11.9	110	2	70-130/30
110-54-3	Hexane	10.8	10.4	96	10.6	98	2	70-130/30
591-78-6	2-Hexanone	10.6	9.8	92	10	94	2	70-130/30
67-63-0	Isopropyl Alcohol	10.6	8.6	81	8.8	83	2	70-130/30
75-09-2	Methylene chloride	10.5	8.1	77	8.4	80	4	70-130/30
78-93-3	Methyl ethyl ketone	10.8	11.8	109	11.9	110	1	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10.5	97	10.6	98	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	11.7	108	11.9	110	2	70-130/30
80-62-6	Methylmethacrylate	10.9	11.9	109	12.1	111	2	70-130/30
115-07-1	Propylene	10.9	11.6	106	11.8	108	2	70-130/30
100-42-5	Styrene	11	11.3	103	11.4	104	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	10.9	101	11.1	103	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	11.1	102	11.1	102	0	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	11.3	106	11.5	107	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	11.4	105	11.6	106	2	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	10.5	95	10.6	96	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	10.6	97	10.8	99	2	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.8	11.2	104	11.3	105	1	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.9	8.9	90	9.0	91	1	70-130/30
127-18-4	Tetrachloroethylene	10.9	11.7	107	11.8	108	1	70-130/30
109-99-9	Tetrahydrofuran	10.5	11.9	113	12.0	114	1	70-130/30
108-88-3	Toluene	10.6	10.7	101	10.8	102	1	70-130/30
79-01-6	Trichloroethylene	10.5	10.5	100	10.7	102	2	70-130/30
75-69-4	Trichlorofluoromethane	10.6	8.6	81	8.8	83	2	70-130/30
75-01-4	Vinyl chloride	10.3	9.5	92	9.7	94	2	70-130/30
108-05-4	Vinyl Acetate	10.4	11.9	114	12.2	117	2	70-130/30
	m,p-Xylene	21.4	20.3	95	20.5	96	1	70-130/30
95-47-6	o-Xylene	10.9	10.3	94	10.4	95	1	70-130/30
1330-20-7	Xylenes (total)	32.3	30.6	95	30.9	96	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-BS	7W09762.D	1	10/17/24	TCH	n/a	n/a	V7W363
V7W363-BSD	7W09763.D	1	10/17/24	TCH	n/a	n/a	V7W363

The QC reported here applies to the following samples: Method: TO-15

V7W363-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	95%	96%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE1419-1DUP	5W55549.D	1	12/12/24	BK	n/a	n/a	V5W2128
JE1419-1	5W55548.D	1	12/12/24	BK	n/a	n/a	V5W2128

The QC reported here applies to the following samples:

Method: TO-15

JE1419-1

CAS No.	Compound	JE1419-1 ppbv	DUP Q ppbv	Q	RPD	Limits
67-64-1	Acetone (2-Propanone)	10.2	10.3	1	25	
106-99-0	1,3-Butadiene	ND	ND	nc	25	
71-43-2	Benzene	32.2	32.5	1	25	
75-27-4	Bromodichloromethane	ND	ND	nc	25	
75-25-2	Bromoform	ND	ND	nc	25	
74-83-9	Bromomethane	ND	ND	nc	25	
593-60-2	Bromoethene	ND	ND	nc	25	
100-44-7	Benzyl Chloride	ND	ND	nc	25	
75-15-0	Carbon disulfide	ND	ND	nc	25	
108-90-7	Chlorobenzene	ND	ND	nc	25	
75-00-3	Chloroethane	ND	ND	nc	25	
67-66-3	Chloroform	ND	ND	nc	25	
74-87-3	Chloromethane	ND	ND	nc	25	
107-05-1	3-Chloropropene	ND	ND	nc	25	
95-49-8	2-Chlorotoluene	ND	ND	nc	25	
56-23-5	Carbon tetrachloride	ND	ND	nc	25	
110-82-7	Cyclohexane	ND	ND	nc	25	
75-34-3	1,1-Dichloroethane	ND	ND	nc	25	
75-35-4	1,1-Dichloroethylene	ND	ND	nc	25	
106-93-4	1,2-Dibromoethane (EDB)	ND	ND	nc	25	
107-06-2	1,2-Dichloroethane	ND	ND	nc	25	
78-87-5	1,2-Dichloropropane	ND	ND	nc	25	
123-91-1	1,4-Dioxane	ND	ND	nc	25	
75-71-8	Dichlorodifluoromethane	ND	ND	nc	25	
124-48-1	Dibromochloromethane	ND	ND	nc	25	
156-59-2	cis-1,2-Dichloroethylene	2.2	2.3	4	25	
10061-01-5	cis-1,3-Dichloropropene	ND	ND	nc	25	
541-73-1	m-Dichlorobenzene	ND	ND	nc	25	
95-50-1	o-Dichlorobenzene	ND	ND	nc	25	
106-46-7	p-Dichlorobenzene	ND	ND	nc	25	
10061-02-6	trans-1,3-Dichloropropene	ND	ND	nc	25	
64-17-5	Ethanol	2.7	2.5	8	25	
100-41-4	Ethylbenzene	ND	ND	nc	25	
141-78-6	Ethyl Acetate	3.6	3.5	3	25	
622-96-8	4-Ethyltoluene	ND	ND	nc	25	
76-13-1	Freon 113	ND	ND	nc	25	

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE1419-1DUP	5W55549.D	1	12/12/24	BK	n/a	n/a	V5W2128
JE1419-1	5W55548.D	1	12/12/24	BK	n/a	n/a	V5W2128

The QC reported here applies to the following samples:

Method: TO-15

JE1419-1

CAS No.	Compound	JE1419-1 ppbv	DUP Q	ppbv	Q	RPD	Limits
76-14-2	Freon 114	ND		ND		nc	25
142-82-5	Heptane	ND		ND		nc	25
87-68-3	Hexachlorobutadiene	ND		ND		nc	25
110-54-3	Hexane	0.63	J	0.62	J	2	25
591-78-6	2-Hexanone	ND		ND		nc	25
67-63-0	Isopropyl Alcohol	59.4		60.5		2	25
75-09-2	Methylene chloride	ND		ND		nc	25
78-93-3	Methyl ethyl ketone	1.5		1.5		0	25
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	25
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	25
80-62-6	Methylmethacrylate	ND		ND		nc	25
115-07-1	Propylene	ND		ND		nc	25
100-42-5	Styrene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	25
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	25
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	25
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	25
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	25
127-18-4	Tetrachloroethylene	51.3		53.9		5	25
109-99-9	Tetrahydrofuran	ND		ND		nc	25
108-88-3	Toluene	0.98		0.95		3	25
79-01-6	Trichloroethylene	0.37		0.36		3	25
75-69-4	Trichlorofluoromethane	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25
108-05-4	Vinyl Acetate	ND		ND		nc	25
	m,p-Xylene	1.0		1.1		10	25
95-47-6	o-Xylene	0.60	J	0.63	J	5	25
1330-20-7	Xylenes (total)	1.6		1.8		12	25

CAS No.	Surrogate Recoveries	DUP	JE1419-1	Limits
460-00-4	4-Bromofluorobenzene	115%	113%	65-128%

* = Outside of Control Limits.

Summa Cleaning Certification

Page 1 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-SCC	7W09794.D	1	10/18/24	TCH	n/a	n/a	V7W363

The QC reported here (Summa A2303) applies to the following samples:

Method: TO-15

Batch CP12899 cleaned 10/05/24: JE1419-1(A2303)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.80	0.58	ppbv		ND	1.9	ug/m3
106-99-0	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	ug/m3
71-43-2	Benzene	ND	0.80	0.19	ppbv		ND	2.6	ug/m3
75-27-4	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	Bromoform	ND	0.80	0.28	ppbv		ND	8.3	ug/m3
74-83-9	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	ug/m3
593-60-2	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	ug/m3
100-44-7	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	ug/m3
75-15-0	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	ug/m3
108-90-7	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	ug/m3
75-00-3	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	ug/m3
67-66-3	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
74-87-3	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	ug/m3
107-05-1	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	ug/m3
95-49-8	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	ug/m3
56-23-5	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.80	0.24	ppbv		ND	3.2	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	ug/m3
123-91-1	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	ug/m3
124-48-1	Dibromochloromethane	ND	0.80	0.21	ppbv		ND	6.8	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.80	0.12	ppbv		ND	3.2	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.80	0.53	ppbv		ND	4.8	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.80	0.28	ppbv		ND	4.8	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	ug/m3
64-17-5	Ethanol	ND	2.0	1.6	ppbv		ND	3.8	ug/m3
100-41-4	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	ug/m3
141-78-6	Ethyl Acetate	ND	0.80	0.42	ppbv		ND	2.9	ug/m3
622-96-8	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	ug/m3

Summa Cleaning Certification

Page 2 of 3

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-SCC	7W09794.D	1	10/18/24	TCH	n/a	n/a	V7W363

The QC reported here (Summa A2303) applies to the following samples:

Method: TO-15

Batch CP12899 cleaned 10/05/24: JE1419-1(A2303)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
76-14-2	Freon 114	ND	0.80	0.20	ppbv		ND	5.6	ug/m3
142-82-5	Heptane	ND	0.80	0.36	ppbv		ND	3.3	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	ug/m3
110-54-3	Hexane	ND	0.80	0.21	ppbv		ND	2.8	ug/m3
591-78-6	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	ug/m3
75-09-2	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.80	0.44	ppbv		ND	2.4	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	ug/m3
80-62-6	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	ug/m3
115-07-1	Propylene	ND	2.0	0.57	ppbv		ND	3.4	ug/m3
100-42-5	Styrene	ND	0.80	0.21	ppbv		ND	3.4	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.80	0.31	ppbv		ND	4.4	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.80	0.19	ppbv		ND	5.5	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.80	0.15	ppbv		ND	4.4	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.80	0.48	ppbv		ND	5.9	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	ug/m3
127-18-4	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	ug/m3
109-99-9	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	ug/m3
108-88-3	Toluene	ND	0.80	0.23	ppbv		ND	3.0	ug/m3
79-01-6	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.80	0.62	ppbv		ND	4.5	ug/m3
75-01-4	Vinyl chloride	ND	0.80	0.28	ppbv		ND	2.0	ug/m3
108-05-4	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	ug/m3
	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	ug/m3
95-47-6	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	ug/m3
1330-20-7	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	ug/m3

Summa Cleaning Certification

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W363-SCC	7W09794.D	1	10/18/24	TCH	n/a	n/a	V7W363

The QC reported here (Summa A2303) applies to the following samples: Method: TO-15

Batch CP12899 cleaned 10/05/24: JE1419-1(A2303)

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	94% 65-128%

6.4.1
6

Instrument Performance Check (BFB)

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Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V5W2125-BFB

Injection Date: 12/09/24

Lab File ID: 5W55458.D

Injection Time: 03:34

Instrument ID: GCMS5W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	87907	21.0	Pass
75	30.0 - 66.0% of mass 95	218027	52.1	Pass
95	Base peak, 100% relative abundance	418581	100.0	Pass
96	5.0 - 9.0% of mass 95	28349	6.77	Pass
173	Less than 2.0% of mass 174	3695	0.88 (1.07) ^a	Pass
174	50.0 - 120.0% of mass 95	343765	82.1	Pass
175	4.0 - 9.01% of mass 174	26424	6.31 (7.69) ^a	Pass
176	93.0 - 101.0% of mass 174	334720	80.0 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	22512	5.38 (6.73) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5W2125-IC2125	5W55459.D	12/09/24	04:14	00:40	Initial cal 0.04
V5W2125-IC2125	5W55460.D	12/09/24	04:54	01:20	Initial cal 0.1
V5W2125-IC2125	5W55461.D	12/09/24	05:35	02:01	Initial cal 0.2
V5W2125-IC2125	5W55463.D	12/09/24	06:59	03:25	Initial cal 0.5
V5W2125-IC2125	5W55464.D	12/09/24	07:45	04:11	Initial cal 5
V5W2125-ICC2125	5W55466.D	12/09/24	09:03	05:29	Initial cal 10
V5W2125-IC2125	5W55467.D	12/09/24	09:45	06:11	Initial cal 20
V5W2125-IC2125	5W55468.D	12/09/24	10:29	06:55	Initial cal 40
V5W2125-IC2125	5W55469.D	12/09/24	11:14	07:40	Initial cal 50
V5W2125-ICV2125	5W55473.D	12/09/24	13:55	10:21	Initial cal verification 10

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V5W2128-BFB

Injection Date: 12/11/24

Lab File ID: 5W55537.D

Injection Time: 16:23

Instrument ID: GCMS5W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	88429	20.0	Pass
75	30.0 - 66.0% of mass 95	224512	50.7	Pass
95	Base peak, 100% relative abundance	442475	100.0	Pass
96	5.0 - 9.0% of mass 95	30301	6.85	Pass
173	Less than 2.0% of mass 174	3814	0.86 (0.98) ^a	Pass
174	50.0 - 120.0% of mass 95	388565	87.8	Pass
175	4.0 - 9.01% of mass 174	30040	6.79 (7.73) ^a	Pass
176	93.0 - 101.0% of mass 174	378624	85.6 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	25824	5.84 (6.82) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5W2128-CC2125	5W55538.D	12/11/24	17:03	00:40	Continuing cal 10
V5W2128-BS	5W55539.D	12/11/24	17:43	01:20	Blank Spike
V5W2128-BSD	5W55541.D	12/11/24	19:30	03:07	Blank Spike Duplicate
V5W2128-MB	5W55543.D	12/11/24	21:00	04:37	Method Blank
V5W2128-SCC	5W55546.D	12/11/24	23:19	06:56	Summa Cleaning Certification
V5W2128-SCC	5W55547.D	12/12/24	00:05	07:42	Summa Cleaning Certification
JE1419-1	5W55548.D	12/12/24	00:46	08:23	SVE-EFF
JE1419-1DUP	5W55549.D	12/12/24	01:27	09:04	Duplicate
ZZZZZZ	5W55550.D	12/12/24	02:08	09:45	(unrelated sample)
ZZZZZZ	5W55551.D	12/12/24	02:51	10:28	(unrelated sample)
ZZZZZZ	5W55552.D	12/12/24	03:38	11:15	(unrelated sample)
ZZZZZZ	5W55553.D	12/12/24	04:26	12:03	(unrelated sample)
ZZZZZZ	5W55554.D	12/12/24	05:13	12:50	(unrelated sample)
ZZZZZZ	5W55555.D	12/12/24	05:55	13:32	(unrelated sample)
ZZZZZZ	5W55556.D	12/12/24	06:38	14:15	(unrelated sample)
ZZZZZZ	5W55557.D	12/12/24	07:20	14:57	(unrelated sample)
ZZZZZZ	5W55558.D	12/12/24	08:02	15:39	(unrelated sample)
ZZZZZZ	5W55559.D	12/12/24	08:44	16:21	(unrelated sample)
ZZZZZZ	5W55560.D	12/12/24	09:25	17:02	(unrelated sample)
ZZZZZZ	5W55561.D	12/12/24	10:07	17:44	(unrelated sample)
ZZZZZZ	5W55563.D	12/12/24	11:36	19:13	(unrelated sample)
V5W2128-SCC	5W55564.D	12/12/24	12:22	19:59	Summa Cleaning Certification
V5W2128-SCC	5W55565.D	12/12/24	13:08	20:45	Summa Cleaning Certification
V5W2128-SCC	5W55566.D	12/12/24	13:54	21:31	Summa Cleaning Certification

Instrument Performance Check (BFB)

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Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V7W305-BFB

Injection Date: 08/18/24

Lab File ID: 7W07974.D

Injection Time: 21:06

Instrument ID: GCMS7W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	20443	24.4	Pass
75	30.0 - 66.0% of mass 95	43320	51.7	Pass
95	Base peak, 100% relative abundance	83736	100.0	Pass
96	5.0 - 9.0% of mass 95	5915	7.06	Pass
173	Less than 2.0% of mass 174	627	0.75 (1.02) ^a	Pass
174	50.0 - 120.0% of mass 95	61525	73.5	Pass
175	4.0 - 9.01% of mass 174	4526	5.41 (7.36) ^a	Pass
176	93.0 - 101.0% of mass 174	58768	70.2 (95.5) ^a	Pass
177	5.0 - 9.0% of mass 176	3856	4.60 (6.56) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W305-IC305	7W07975.D	08/18/24	21:40	00:34	Initial cal 0.04
V7W305-IC305	7W07976.D	08/18/24	22:13	01:07	Initial cal 0.10
V7W305-IC305	7W07977.D	08/18/24	22:49	01:43	Initial cal 0.20
V7W305-IC305	7W07978.D	08/18/24	23:22	02:16	Initial cal 0.50
V7W305-IC305	7W07979.D	08/19/24	00:01	02:55	Initial cal 5
V7W305-ICC305	7W07980.D	08/19/24	00:35	03:29	Initial cal 10
V7W305-IC305	7W07981.D	08/19/24	01:10	04:04	Initial cal 20
V7W305-IC305	7W07982.D	08/19/24	01:48	04:42	Initial cal 40
V7W305-IC305	7W07983.D	08/19/24	02:28	05:22	Initial cal 50
V7W305-ICV305	7W07990.D	08/19/24	06:28	09:22	Initial cal verification 10
V7W306-BS	7W07991.D	08/19/24	07:07	10:01	Blank Spike
V7W306-BSD	7W07992.D	08/19/24	07:40	10:34	Blank Spike Duplicate
V7W306-MB	7W07996.D	08/19/24	10:30	13:24	Method Blank
ZZZZZZ	7W07997.D	08/19/24	11:04	13:58	(unrelated sample)
ZZZZZZ	7W07998.D	08/19/24	11:39	14:33	(unrelated sample)
ZZZZZZ	7W07999.D	08/19/24	12:15	15:09	(unrelated sample)
JD93469-1	7W08000.D	08/19/24	12:50	15:44	(used for QC only; not part of job JE1419)
JD93469-1DUP	7W08001.D	08/19/24	13:26	16:20	Duplicate
ZZZZZZ	7W08002.D	08/19/24	14:07	17:01	(unrelated sample)
ZZZZZZ	7W08003.D	08/19/24	14:50	17:44	(unrelated sample)
ZZZZZZ	7W08004.D	08/19/24	15:30	18:24	(unrelated sample)
ZZZZZZ	7W08005.D	08/19/24	16:05	18:59	(unrelated sample)
ZZZZZZ	7W08006.D	08/19/24	16:46	19:40	(unrelated sample)
ZZZZZZ	7W08007.D	08/19/24	17:31	20:25	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample:	V7W305-BFB	Injection Date:	08/18/24
Lab File ID:	7W07974.D	Injection Time:	21:06
Instrument ID:	GCMS7W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	7W08008.D	08/19/24	18:11	21:05	(unrelated sample)
ZZZZZZ	7W08009.D	08/19/24	18:52	21:46	(unrelated sample)
ZZZZZZ	7W08010.D	08/19/24	20:04	22:58	(unrelated sample)
ZZZZZZ	7W08011.D	08/19/24	20:43	23:37	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V7W363-BFB

Injection Date: 10/17/24

Lab File ID: 7W09760.D

Injection Time: 10:58

Instrument ID: GCMS7W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	13264	19.1	Pass
75	30.0 - 66.0% of mass 95	32493	46.9	Pass
95	Base peak, 100% relative abundance	69347	100.0	Pass
96	5.0 - 9.0% of mass 95	4544	6.55	Pass
173	Less than 2.0% of mass 174	381	0.55 (0.71) ^a	Pass
174	50.0 - 120.0% of mass 95	53803	77.6	Pass
175	4.0 - 9.01% of mass 174	3967	5.72 (7.37) ^a	Pass
176	93.0 - 101.0% of mass 174	54301	78.3 (100.9) ^a	Pass
177	5.0 - 9.0% of mass 176	3621	5.22 (6.67) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W363-CC305	7W09761.D	10/17/24	11:34	00:36	Continuing cal 10
V7W363-BS	7W09762.D	10/17/24	12:15	01:17	Blank Spike
V7W363-BSD	7W09763.D	10/17/24	12:50	01:52	Blank Spike Duplicate
V7W363-MB	7W09765.D	10/17/24	14:13	03:15	Method Blank
ZZZZZZ	7W09766.D	10/17/24	15:08	04:10	(unrelated sample)
ZZZZZZ	7W09768.D	10/17/24	16:19	05:21	(unrelated sample)
ZZZZZZ	7W09769.D	10/17/24	17:00	06:02	(unrelated sample)
ZZZZZZ	7W09770.D	10/17/24	17:41	06:43	(unrelated sample)
ZZZZZZ	7W09771.D	10/17/24	18:18	07:20	(unrelated sample)
ZZZZZZ	7W09772.D	10/17/24	18:54	07:56	(unrelated sample)
ZZZZZZ	7W09773.D	10/17/24	19:31	08:33	(unrelated sample)
JD98185-5	7W09774.D	10/17/24	20:06	09:08	(used for QC only; not part of job JE1419)
ZZZZZZ	7W09775.D	10/17/24	20:52	09:54	(unrelated sample)
ZZZZZZ	7W09776.D	10/17/24	21:33	10:35	(unrelated sample)
ZZZZZZ	7W09777.D	10/17/24	22:15	11:17	(unrelated sample)
ZZZZZZ	7W09778.D	10/17/24	22:51	11:53	(unrelated sample)
ZZZZZZ	7W09779.D	10/17/24	23:27	12:29	(unrelated sample)
ZZZZZZ	7W09780.D	10/18/24	00:03	13:05	(unrelated sample)
ZZZZZZ	7W09781.D	10/18/24	00:40	13:42	(unrelated sample)
ZZZZZZ	7W09782.D	10/18/24	01:16	14:18	(unrelated sample)
ZZZZZZ	7W09783.D	10/18/24	01:53	14:55	(unrelated sample)
ZZZZZZ	7W09784.D	10/18/24	02:29	15:31	(unrelated sample)
ZZZZZZ	7W09785.D	10/18/24	03:12	16:14	(unrelated sample)
ZZZZZZ	7W09786.D	10/18/24	03:53	16:55	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample:	V7W363-BFB	Injection Date:	10/17/24
Lab File ID:	7W09760.D	Injection Time:	10:58
Instrument ID:	GCMS7W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W363-SCC	7W09787.D	10/18/24	04:34	17:36	Summa Cleaning Certification
V7W363-SCC	7W09788.D	10/18/24	05:16	18:18	Summa Cleaning Certification
V7W363-SCC	7W09789.D	10/18/24	05:57	18:59	Summa Cleaning Certification
V7W363-SCC	7W09790.D	10/18/24	06:39	19:41	Summa Cleaning Certification
V7W363-SCC	7W09791.D	10/18/24	07:20	20:22	Summa Cleaning Certification
V7W363-SCC	7W09792.D	10/18/24	08:02	21:04	Summa Cleaning Certification
V7W363-SCC	7W09793.D	10/18/24	08:38	21:40	Summa Cleaning Certification
V7W363-SCC	7W09794.D	10/18/24	09:14	22:16	Summa Cleaning Certification
JD98185-5DUP	7W09795.D	10/18/24	09:50	22:52	Duplicate

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V8W274-BFB

Injection Date: 12/03/24

Lab File ID: 8W07373.D

Injection Time: 01:49

Instrument ID: GCMS8W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	54112	21.0	Pass
75	30.0 - 66.0% of mass 95	135845	52.6	Pass
95	Base peak, 100% relative abundance	258069	100.0	Pass
96	5.0 - 9.0% of mass 95	17228	6.68	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	187499	72.7	Pass
175	4.0 - 9.01% of mass 174	14743	5.71 (7.86) ^a	Pass
176	93.0 - 101.0% of mass 174	180011	69.8 (96.0) ^a	Pass
177	5.0 - 9.0% of mass 176	12526	4.85 (6.96) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W274-IC274	8W07374.D	12/03/24	02:22	00:33	Initial cal 0.04
V8W274-IC274	8W07375.D	12/03/24	02:57	01:08	Initial cal 0.1
V8W274-IC274	8W07376.D	12/03/24	03:34	01:45	Initial cal 0.2
V8W274-IC274	8W07378.D	12/03/24	04:49	03:00	Initial cal 0.5
V8W274-IC274	8W07380.D	12/03/24	06:05	04:16	Initial cal 5
V8W274-ICC274	8W07381.D	12/03/24	06:40	04:51	Initial cal 10
V8W274-IC274	8W07382.D	12/03/24	07:16	05:27	Initial cal 20
V8W274-IC274	8W07383.D	12/03/24	07:55	06:06	Initial cal 40
V8W274-IC274	8W07384.D	12/03/24	08:35	06:46	Initial cal 50
V8W274-ICV274	8W07387.D	12/03/24	10:23	08:34	Initial cal verification 10

Instrument Performance Check (BFB)

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Job Number: JE1419

Account: UTC Raytheon Technologies Corporation

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample: V8W282-BFB

Injection Date: 12/12/24

Lab File ID: 8W07611.D

Injection Time: 08:51

Instrument ID: GCMS8W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	67851	23.2	Pass
75	30.0 - 66.0% of mass 95	163051	55.8	Pass
95	Base peak, 100% relative abundance	292245	100.0	Pass
96	5.0 - 9.0% of mass 95	18621	6.37	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	204736	70.1	Pass
175	4.0 - 9.01% of mass 174	15166	5.19 (7.41) ^a	Pass
176	93.0 - 101.0% of mass 174	196907	67.4 (96.2) ^a	Pass
177	5.0 - 9.0% of mass 176	12692	4.34 (6.45) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W282-CC274	8W07612.D	12/12/24	09:28	00:37	Continuing cal 10
V8W282-BS	8W07613.D	12/12/24	10:13	01:22	Blank Spike
V8W282-BSD	8W07615.D	12/12/24	11:36	02:45	Blank Spike Duplicate
V8W282-MB	8W07617.D	12/12/24	13:03	04:12	Method Blank
ZZZZZZ	8W07619.D	12/12/24	14:25	05:34	(unrelated sample)
ZZZZZZ	8W07620.D	12/12/24	15:01	06:10	(unrelated sample)
ZZZZZZ	8W07621.D	12/12/24	15:37	06:46	(unrelated sample)
ZZZZZZ	8W07623.D	12/12/24	16:50	07:59	(unrelated sample)
ZZZZZZ	8W07624.D	12/12/24	17:26	08:35	(unrelated sample)
JE1419-1	8W07625.D	12/12/24	18:02	09:11	SVE-EFF
JE2311-1	8W07627.D	12/12/24	19:23	10:32	(used for QC only; not part of job JE1419)
JE2311-2	8W07629.D	12/12/24	21:10	12:19	(used for QC only; not part of job JE1419)
ZZZZZZ	8W07630.D	12/12/24	21:55	13:04	(unrelated sample)
ZZZZZZ	8W07632.D	12/12/24	23:25	14:34	(unrelated sample)
ZZZZZZ	8W07633.D	12/13/24	00:10	15:19	(unrelated sample)
ZZZZZZ	8W07634.D	12/13/24	00:52	16:01	(unrelated sample)
ZZZZZZ	8W07635.D	12/13/24	01:35	16:44	(unrelated sample)
ZZZZZZ	8W07636.D	12/13/24	02:17	17:26	(unrelated sample)
ZZZZZZ	8W07637.D	12/13/24	03:00	18:09	(unrelated sample)
ZZZZZZ	8W07638.D	12/13/24	03:42	18:51	(unrelated sample)
ZZZZZZ	8W07639.D	12/13/24	04:25	19:34	(unrelated sample)
ZZZZZZ	8W07640.D	12/13/24	05:00	20:09	(unrelated sample)
ZZZZZZ	8W07641.D	12/13/24	05:38	20:47	(unrelated sample)

Surrogate Recovery Summary

Job Number: JE1419
Account: UTC Raytheon Technologies Corporation
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Method: TO-15	Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JE1419-1	5W55548.D	113
JE1419-1	8W07625.D	103
JE1419-1DUP	5W55549.D	115
V5W2128-BS	5W55539.D	103
V5W2128-BSD	5W55541.D	102
V5W2128-MB	5W55543.D	112
V7W363-SCC	7W09794.D	94
V8W282-BS	8W07613.D	104
V8W282-BSD	8W07615.D	102
V8W282-MB	8W07617.D	101
V7W363-BS	7W09762.D	95
V7W363-BSD	7W09763.D	96
V7W363-MB	7W09765.D	93

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%