



February 2026 Monthly Compliance Report

Solid Waste Permit No. 588
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Table of Contents

Section	Page
Introduction	4
1.0 Gas Collection.....	4
1.1 Surface and Leachate Collection Emissions	4
1.1.1 Surface Emissions.....	4
1.1.2 Monitoring of Leachate Collection Components	5
1.2 Existing Gas Extraction System Performance.....	5
1.3 Remote Monitoring System	6
1.3.1 Automated Wellhead Temperature Measurements.....	6
1.3.2 Comparison with Manual Temperature Measurements.....	9
1.3.3 Monthly Regulatory Wellhead Temperature Measurements.....	9
1.3.4 LFG Sampling	10
2.0 Sidewall Odor Mitigation	11
2.1 Perimeter Gas Collection System	11
2.2 Sidewall Odor Mitigation System.....	11
2.3 Pilot System	11
2.4 Full System Operation	12
3.0 Waste Temperature Monitoring	12
3.1 Summary of Waste Temperature Monitoring	12
3.1.1 Operational Challenges.....	14
3.1.2 Temperature Profiles	14
4.0 Leachate Extraction and Monitoring.....	20
4.1 Dewatering Pump Operations and Maintenance	20
4.1.1 Total LFG Liquids Removal	20
4.1.2 LFG Liquids Pump Operations and Maintenance	21
4.2 Sampling and Analysis Plan.....	22
4.2.1 Sample Collection	22
4.2.2 Quality Assurance and Quality Control.....	23
4.2.3 Data Validation	24
4.2.4 Laboratory Analytical Results	24
5.0 Settlement Monitoring and Management	26
5.1 Settlement Monitoring and Management Plan	26
5.2 Monthly Surveys	26
5.2.1 Topographic Data Collection	26

Table of Contents

Section	Page
5.2.2 Settlement Plate Surveys	31
6.0 Intermediate Cover and Geomembrane Cover System	34
6.1 Intermediate Cover Installation	34
6.2 Geomembrane Cover System Design	34
6.3 Geomembrane Cover System Procurement	35
6.4 Geomembrane Cover System Installation	35
7.0 Stormwater Management.....	35
8.0 Miscellaneous	35
8.1 Cease Waste Acceptance	35
8.2 Long-Term Plan.....	35
8.3 Monthly Compliance Reports.....	35
8.4 Community Outreach Program	35
Stroke Counter Data Analysis.....	2

Figures

Figure 1.	Monthly Average Automated Wellhead Temperatures	8
Figure 2.	Automated vs. Manual Temperature Measurements.....	9
Figure 3.	CO vs H ₂ Concentration from gas wells in October 2025 with historical trend	11
Figure 4.	Temperature Monitoring Probe Locations.....	13
Figure 5.	TP-1 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026.....	15
Figure 6.	TP-5 Average Temperatures for the Months of March 2023, April 2024, March 2025, January 2026, and February 2026.....	16
Figure 7.	TP-6 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026.....	17
Figure 8.	TP-8 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026.....	18
Figure 9.	TP-9 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026.....	19
Figure 10.	Total Dewatering Liquid Removal	20
Figure 11.	Aerial Photo of the SWP No. 588 Landfill.....	27
Figure 12.	1-Month Elevation Change Map.....	28
Figure 13.	3-Month Elevation Change Map.....	29
Figure 14.	1-Year Elevation Change Map	30
Figure 15.	Settlement Plate Locations	32
Figure 16.	Elevation Change of Select Settlement Plates Over Time.....	34

Table of Contents

Section	Page
Tables	
Table 1. Summary of February Surface Emissions Monitoring	4
Table 2. Leachate Cleanout Pipe Monitoring Results	5
Table 3. February Temperature Exceedance Summary	10
Table 4. LFG Wellhead Sampling Summary	10
Table 5. Average SOMS Gas Composition	12
Table 6. Summary Wells Unable to be Sampled for Leachate	22
Table 7. Quarterly LFG-EW Leachate Monitoring Event Summary	25
Table 8. Elevation and Strain Data at Settlement Plate Locations	33

Appendices

Appendix A	Surface Emissions Monitoring Summary
Appendix B	In-Waste Temperatures on Select Days in January
Appendix C	Daily Wellhead Temperature Averages
Appendix D	Solid Waste Permit 588 Daily Borehole Temperature Averages
Appendix E	Monthly Topography Analysis
Appendix F	Leachate Sampling Results
Appendix G	LFG Dewatering Pump Stroke Data Analysis

INTRODUCTION

On behalf of the City of Bristol, Virginia (City), SCS Engineers has prepared this report to the Virginia Department of Environmental Quality (VDEQ) in accordance with Item 8.iii in Appendix A of the Consent Decree between the City and VDEQ. This report provides updates regarding the progress towards completion of the items outlined in Appendix A of the Consent Decree between the City and VDEQ. The following sections outline progress during the month of February 2026 related to Solid Waste Permit (SWP) No. 588.

1.0 GAS COLLECTION

The following sections describe the steps the City, in collaboration with its consultants and contractors, has taken to improve the operation, monitoring, and performance of the facility's landfill gas collection and control system (GCCS).

1.1 SURFACE AND LEACHATE COLLECTION EMISSIONS

1.1.1 Surface Emissions

SCS performed surface emissions monitoring on February 4, 2026; February 13, 2026; February 17, 2026; and February 24, 2026. These weekly surface emissions monitoring (SEM) events were performed in accordance with Item 1.i in Appendix A of the Consent Decree between the City and VDEQ. SCS also performs quarterly SEM at the landfill in accordance with regulatory requirements.

The details and results of the SEM are included in **Appendix A**. A summary of the outcomes is provided in **Table 1**.

Table 1. Summary of February Surface Emissions Monitoring

Description	February 4, 2026	February 13, 2026	February 17, 2026	February 24, 2026
Number of Points Sampled	166	166	166	166
Number of Points in Serpentine Route	100	100	100	100
Number of Points at Surface Cover Penetrations	66	66	66	66
Number of Exceedances	0	0	0	0
Number of Serpentine Exceedances	0	0	0	0
Number of Pipe Penetration Exceedances	0	0	0	0

During the four weekly monitoring events conducted in February, there were no locations where a methane concentration above the regulatory threshold was recorded.

1.1.2 Monitoring of Leachate Collection Components

SCS Field Services (SCS-FS) was onsite at the Bristol Landfill on February 11 and 12, 2026, and performed monitoring of the leachate, witness zone, northern cleanouts, and gradient control cleanouts at the southern end of the landfill. The results of that monitoring are included in **Table 2**.

Table 2. Leachate Cleanout Pipe Monitoring Results

Description	ID#	Record Date	CH4 (% by Vol)	CO2 (% by Vol)	O2 (% by Vol)	Balance Gas (% by Vol)	Initial Temp (°F)	Adj Temp (°F)	Initial Static Pressure (in H2O)	Adj Static Pressure (in H2O)	System Pressure (in H2O)
Southern Cleanouts Gradient West	LC01	2/11/2026 2:49:12 PM	49.3	39.6	1.9	9.3	64.8	64.3	-15.93	-15.04	-15.87
Southern Cleanouts Gradient East	LC02	2/11/2026 2:53:55 PM	41.0	33.8	7.0	18.2	63.4	63.9	-15.29	-15.33	-16.33
Southern Cleanouts Leachate Center	LC03	2/11/2026 2:57:56 PM	9.6	5.4	18.2	66.8	61.2	61.3	-6.84	-6.76	-15.87
Southern Cleanouts Witness East	LC04	2/11/2026 3:00:50 PM	15.6	7.7	15.7	61.0	65.5	65.6	-1.92	-1.83	-15.72
Southern Cleanouts Leachate West	LC05	2/11/2026 3:18:51 PM	48.6	40.9	1.1	9.4	61.9	62.3	-16.32	-13.53	-16.40
Southern Cleanouts Gradient Center West	LC06	2/11/2026 3:21:40 PM	12.0	6.0	17.8	64.2	64.6	64.9	-15.01	-14.84	-16.05
Southern Cleanouts Leachate East	LC08	2/11/2026 3:04:44 PM	47.2	39.1	2.7	11.0	63.7	63.3	-16.11	-15.21	-16.17
Southern Cleanouts Gradient Center East	LC09	2/11/2026 3:08:13 PM	53.9	45.9	0.0	0.2	57.0	56.7	-7.55	0.59	-17.57
Southern Cleanouts Leachate West	LC10	2/11/2026 3:16:30 PM	53.6	46.0	0.0	0.3	55.5	55.5	-7.94	-7.71	-16.08
Northern Cleanouts Leachate East	NC01	2/12/2026 2:26:43 PM	20.7	11.9	11.5	55.9	43.4	43.5	-0.11	-0.11	0.10
Northern Cleanouts Leachate Center	NC02	2/12/2026 2:29:25 PM	17.6	9.5	13.5	59.5	44.5	44.6	-0.17	-0.15	-0.01
Northern Cleanouts Leachate West	NC03	2/12/2026 2:04:09 PM	22.0	11.4	11.5	55.1	47.1	47.2	-0.10	-0.10	0.05
Northern Cleanouts Witness East	NC04	2/12/2026 2:23:56 PM	31.0	22.4	0.5	46.1	45.3	45.3	-0.05	-0.05	0.02
Northern Cleanouts Witness Center	NC05	2/12/2026 2:10:21 PM	21.8	11.6	7.3	59.3	45.4	45.5	-0.14	-0.14	0.07
Northern Cleanouts Witness West	NC06	2/12/2026 2:07:09 PM	17.5	9.9	11.7	60.9	47.5	47.5	-0.11	-0.11	0.06
Northern Cleanouts Gradient East	NC07	2/12/2026 2:21:13 PM	18.6	11.4	10.1	59.9	44.7	44.8	-0.14	-0.15	0.00
Northern Cleanouts Gradient Center East	NC08	2/12/2026 2:18:18 PM	27.8	13.0	3.4	55.8	44.6	44.6	0.10	0.10	0.03
Northern Cleanouts Gradient Center West	NC09	2/12/2026 2:15:09 PM	28.7	13.9	3.0	54.4	45.4	45.5	0.31	0.31	0.05
Northern Cleanouts Gradient West	NC10	2/12/2026 2:01:17 PM	51.7	18.5	3.7	26.2	48.3	48.4	-0.11	-0.11	0.06

1.2 EXISTING GAS EXTRACTION SYSTEM PERFORMANCE

SCS and SCS-FS have been coordinating with the City to improve the performance of the existing gas system. Specific actions taken to maintain and improve the system are detailed in the following sections of this report.

Additional actions taken by SCS-FS include the following:

- Adjustments to LFGCCS
- Maintenance of air lines and pressurized air infrastructure
- Maintenance of wellhead and other gas collection infrastructure
- Removal of liquids from landfill gas headers
- Replacement of a section of blocked forcemain
- Temporary relocation of header pipes to facilitate placement of additional soil.

1.3 REMOTE MONITORING SYSTEM

In the Fall of 2022, SCS Remote Monitoring & Control (SCS-RMC) installed 25 industrial internet of things (IIoT) temperature sensors in the landfill gas wellheads. The purpose of the sensors is to record and transmit wellhead gas temperatures via cellular connection to a database managed by SCS-RMC. Since the initial installation, some sensors have been relocated and additional sensors have been added to the network. There are currently 59 wellhead temperature sensors operating within the wellfield.

The City is providing the minimum, maximum, and average daily temperature recorded by each sensor to VDEQ on a daily basis via email. Minimum, maximum, and average daily temperatures recorded by the remote monitoring system during the month of January are included in **Appendix C**. In addition, SCS previously prepared semi-monthly status updates to satisfy the conditions of compliance provision no. 2 of the Environmental Protection Agency (EPA) Region III letter, Approval of Higher Operating Temperature Values for Landfill Gas Wells and Submission of Gas Treatment Alternatives at the Bristol Virginia Integrated Solid Waste Management Facility, dated August 23, 2021. On August 2, 2023, VDEQ requested that such updates be included in the monthly compliance reports. Accordingly, this section is a summary of temperature monitoring activities during the monthly monitoring period of February 2026.

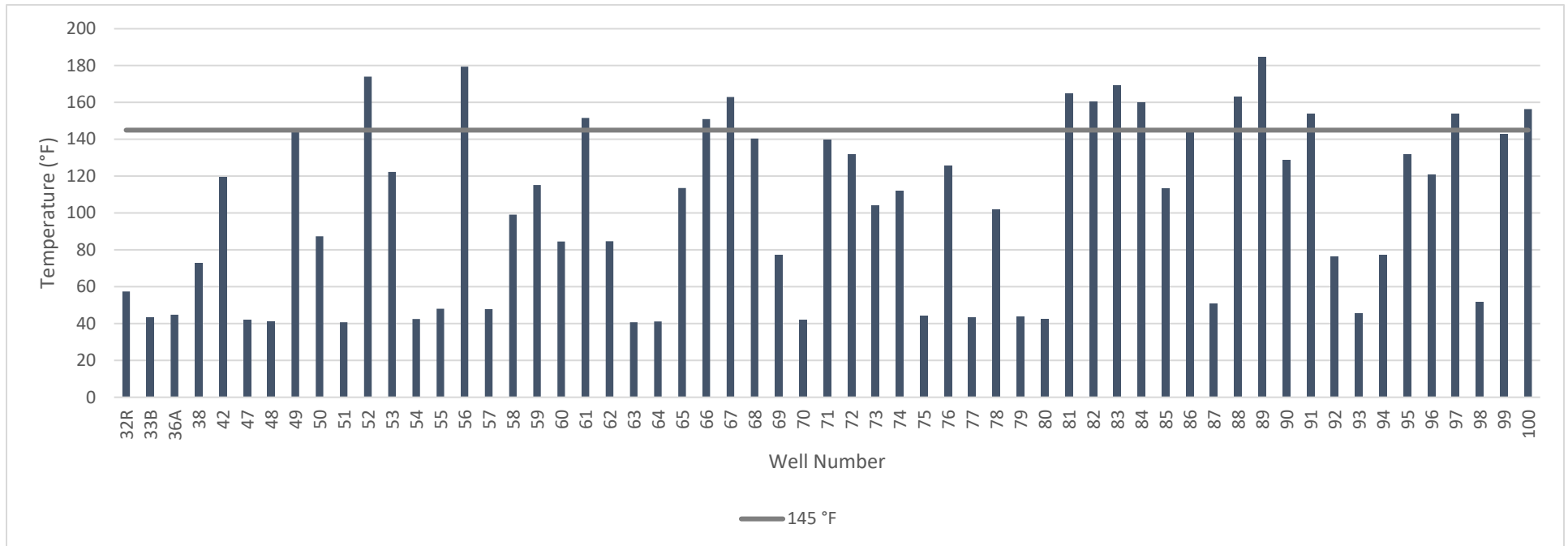
1.3.1 Automated Wellhead Temperature Measurements

SCS reviewed the automated hourly temperature measurements from February 2026, and observed the following:

- The average temperature in February was above the regulatory threshold of 145°F at 15 wells (see **Figure 1**).
- In February, several wells showed repeated hourly temperature readings—sometimes 50-200 times—mainly overnight during extreme cold, with values changing by morning.
- The highest average temperature was 184.5°F at EW-89. While temperatures have been high at this well, they have been stable for 6 months.
- Beginning on 2/18, field staff noticed the temperature sensor at EW-52 was reading too low, and the issue was fixed on 2/19.

- Beginning on 2/22, EW-62 began to read 0°F, which continued through the end of the month. Field staff have reset this sensor with no effect and are continuing to troubleshoot this issue.

Figure 1. Monthly Average Automated Wellhead Temperatures¹



¹ 145°F is the NESHA AAAA compliance threshold for well temperature, included here for reference.

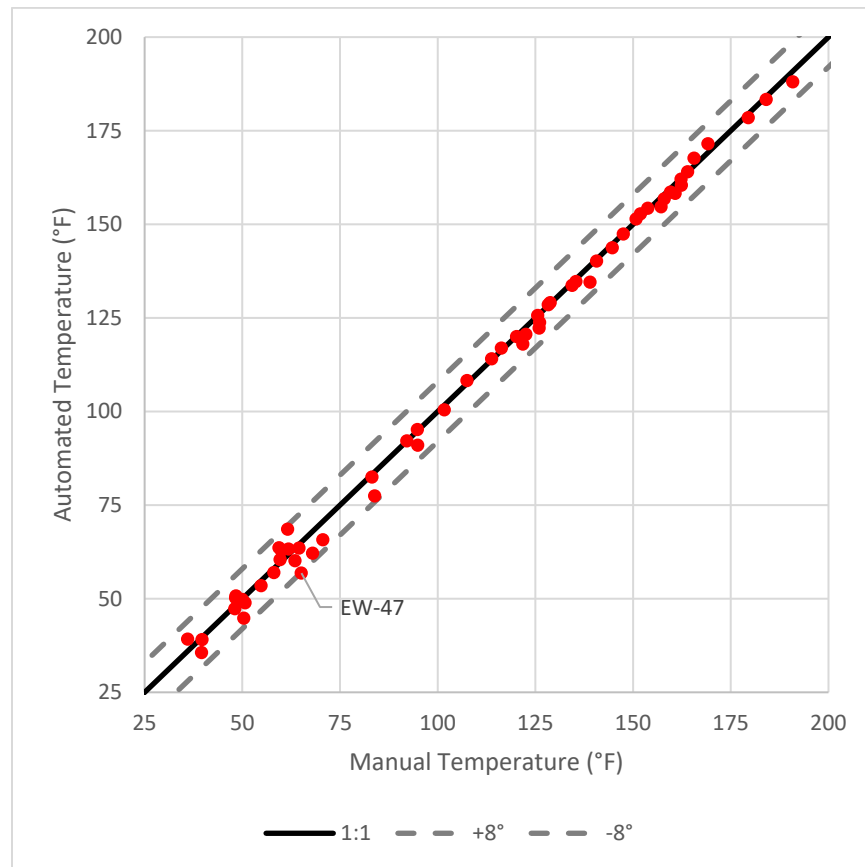
1.3.2 Comparison with Manual Temperature Measurements

Per the approval issued by VDEQ on August 2, 2023, the Facility ceased dedicated daily manual temperature measurements in the Permit No. 588 Landfill. In lieu of these measurements, the City compares instantaneous hourly automated temperature measurements with temperatures measured at each wellhead using a handheld sensor during monthly compliance monitoring. These comparisons are shown in **Figure 2**, with the $\pm 8^{\circ}\text{F}$ deviation thresholds as prescribed in the VDEQ approval.

Temperatures outside the $\pm 8^{\circ}\text{F}$ deviation threshold were observed at one well during this reporting period: EW-47.

At EW-47, the recorded automated temperature was lower than the manual temperature. However, the temperature difference was close to the threshold, with a difference of 8.2°F , and the following automated temperature measurement was higher.

Figure 2. Automated vs. Manual Temperature Measurements



1.3.3 Monthly Regulatory Wellhead Temperature Measurements

Routine monthly temperature monitoring was conducted on February 11 and February 25, 2026 to comply with 40 CFR 60.36f(a)(5). Table 3 provides the status of exceedances recorded during this monitoring period.

Table 3. February Temperature Exceedance Summary

Well ID	Initial Exceedance Date	Compliant Reading	Most Recent Reading	Duration of Exceedance	Status as of 3/1/2026
EW-52	2/11/26	N/A	2/26/26 189.0 °F	19 days	Ongoing, within 60-day timeline
EW-68	2/11/26	2/12/26 142.4 °F	2/25/26 136.3 °F	2 days	Resolved within 15-day timeline

1.3.4 LFG Sampling

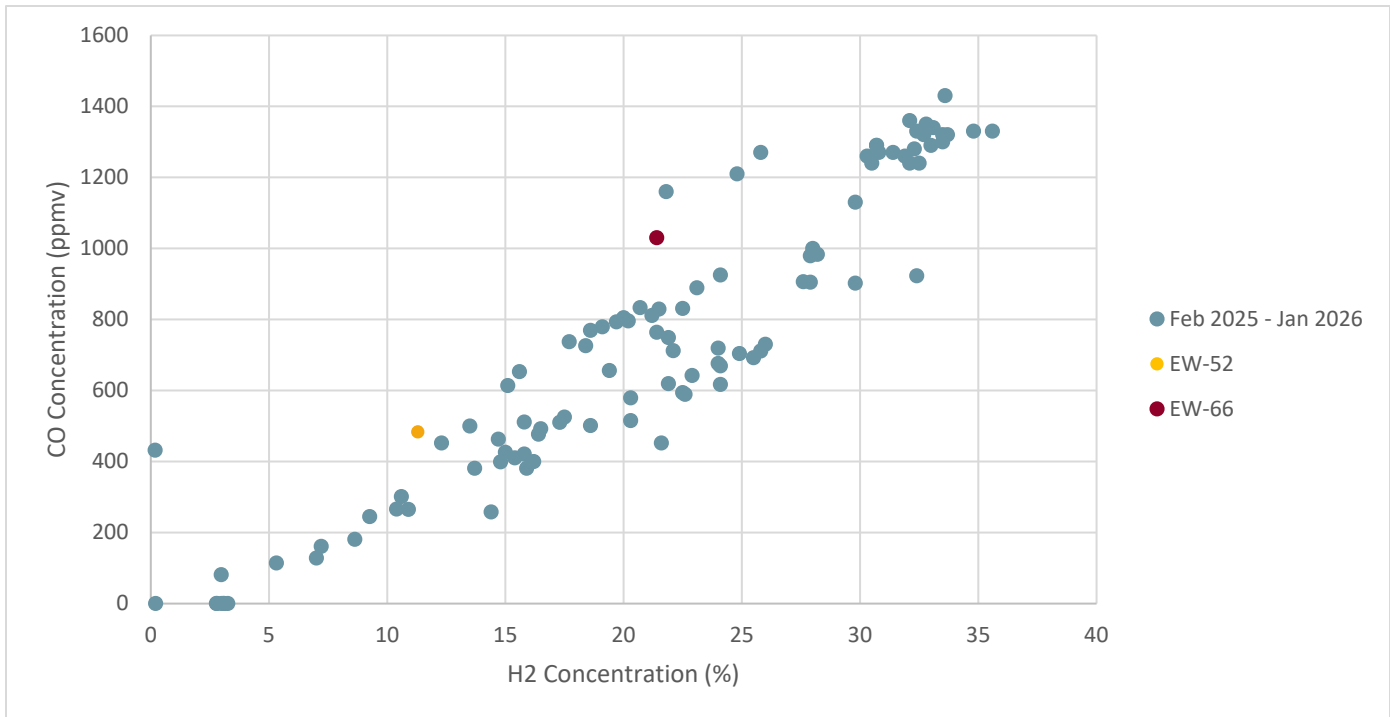
SCS collects weekly LFG samples from wells with temperature exceedances lasting more than seven days using 1.5-L summa canisters. The samples were sent to Enthalpy Analytical for laboratory analysis of carbon monoxide (CO) and hydrogen (H₂) content. As of March 1, 2026, the City has received lab results for sampling on January 22, and February 12, 2026, to fulfill the requirement in 40 CFR 63.1961(a)(5). The lab data are summarized in Table 4.

Table 4. LFG Wellhead Sampling Summary

Sample Date		1/22/26	2/12/26
EW-52	CO (ppmv)		483
	H2 (Vol. %)		11.3
EW-66	CO (ppmv)	1030	
	H2 (Vol. %)	22.1	

As shown in Figure 3, the carbon monoxide and hydrogen data collected during this period appear to be generally consistent with the data collected previously in 2025 and 2026.

Figure 3. CO vs H₂ Concentration from gas wells in February 2026 with historical trend



2.0 SIDEWALL ODOR MITIGATION

On the City's behalf, SCS designed and constructed a system to control fugitive emissions emanating from the quarry sidewalls.

2.1 PERIMETER GAS COLLECTION SYSTEM

Refer to the April 2023 Monthly Compliance Report for the SWP No. 588 Landfill, for information about the perimeter gas extraction wells.

2.2 SIDEWALL ODOR MITIGATION SYSTEM

Refer to the October 2022 Monthly Compliance Report for the SWP No. 588 Landfill, for information about the design of the sidewall odor mitigation system.

2.3 PILOT SYSTEM

Refer to the February 2023 Monthly Compliance Report for the SWP No. 588 Landfill, for information about the design of the construction of the pilot sidewall odor mitigation system.

2.4 FULL SYSTEM OPERATION

Operation of the sidewall odor mitigation system is monitored on a monthly basis. SCS-FS collected monitoring data at each wellhead under vacuum in February. A summary of system averages during the month is shown in **Table 3**.

Table 5. Average SOMS Gas Composition

Record Dates	Average CH ₄ [%]	Average CO ₂ [%]	Average O ₂ [%]	Average Bal Gas [%]
2/12/2026	2.3	3.6	18.2	75.9
2/25/2026	2.5	4.4	17.9	75.2

The sidewall system average gas composition indicates lower methane content and higher oxygen and balance gases than other components in the LFGCCS. These gas composition measurements indicate that the SOMS is collecting a mixture of LFG escaping the sidewall and air, as anticipated. Adjustments to vacuum at each wellhead are made on a regular basis to address changes in sidewall emissions and facilitate placement of additional soil.

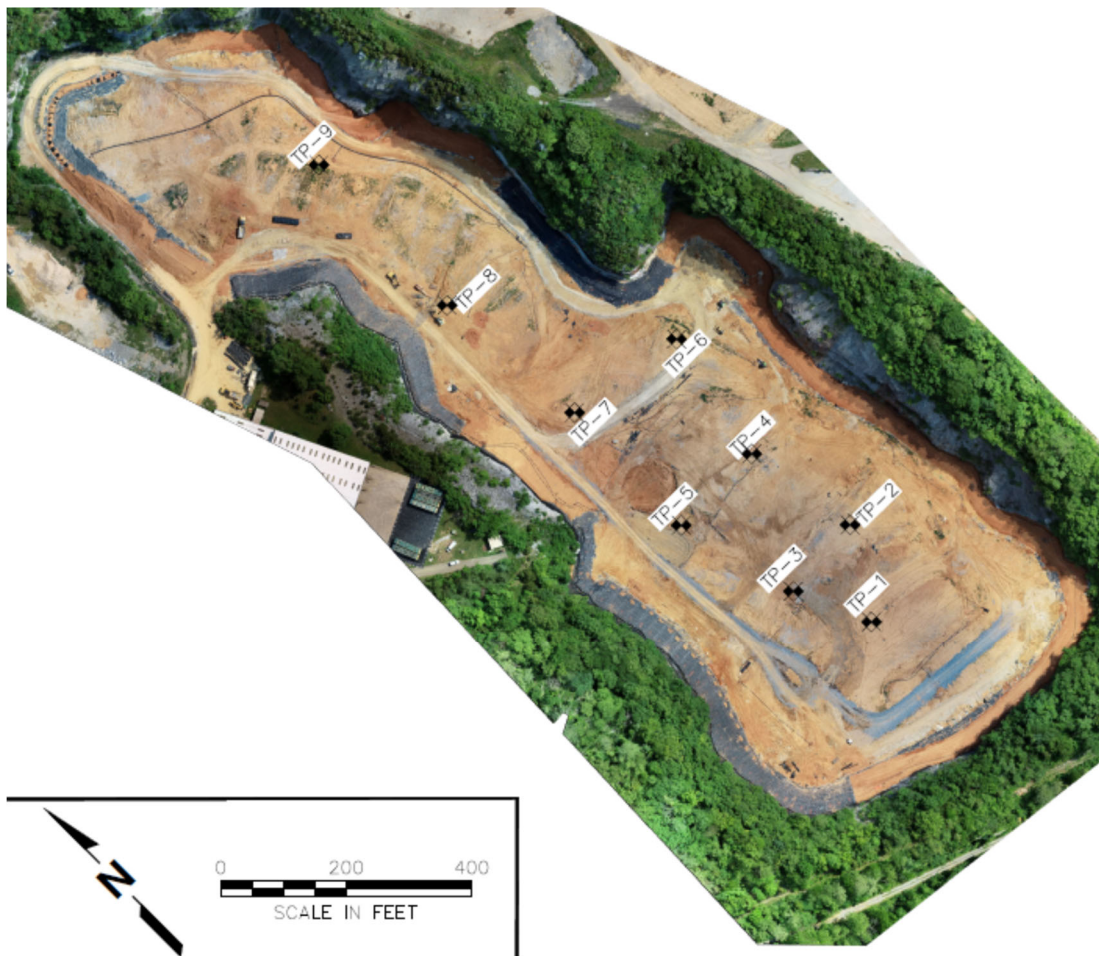
3.0 WASTE TEMPERATURE MONITORING

SCS designed a monitoring system to collect temperature data throughout the waste mass. The steps taken by the City to implement this system are described in the following sections.

3.1 SUMMARY OF WASTE TEMPERATURE MONITORING

Installation of the in-situ Landfill Temperature Monitoring System began in October of 2022 and installation of replacement sensors was completed in February of 2023. Details of construction progress can be found in the monthly compliance reports for the SWP No. 588 Landfill. The locations of the temperature probes are shown in **Figure 4**.

Figure 4. Temperature Monitoring Probe Locations



SCS began collecting temperature data daily on February 15, 2023.

Average daily temperatures recorded by the sensors for the month of February are included in **Appendix D**. Each week the average temperatures from a select day of that week are downloaded and compared to temperatures recorded during the previous week. Average daily temperatures recorded on select days during the month of February are shown in **Appendix B**. The average temperatures recorded for March 2023, March 2024, March 2025, January 2026, and February 2026 are shown in **Figures 5 through 9** on the following pages.

Overall, these data indicate that temperatures within the landfill are generally stable and are typical of those observed at elevated temperature landfills (ETLFs). The temperatures recorded are substantially lower than those associated with landfill fires or other combustion processes, which can exceed 1000 °F, which is further evidence that the elevated temperatures are due to sources other than combustion.

3.1.1 Operational Challenges

Multiple thermocouples in TP-2 and TP-3 started to fault in late 2024/early 2025. SCS coordinated with the City in March to pull the string of thermocouples from TP-2 and TP-3 but were unable to remove the strings in either probe due to suspected pinching of the casings. TP-7 has been malfunctioning and offline since December 4, 2025. SCS-FS relocated equipment that had been part of TP-2 to TP-7 in January, but the sensors at TP-7 still did not function. TP-2, TP-3, and TP-7 have been abandoned. The City is in the process of finalizing bid documents for the installation of three replacement probes per the Plan of Action Addendum dated February 2, 2026.

Other challenges occurred at TP-1 and TP-6 this month. TP-1 experienced connectivity issues leading to missing readings at varying depths from 2/1 to 2/9. Field staff reset the Ranger at TP-1, which resolved the issue. At TP-6, the sensor at the 75-foot level is malfunctioning, intermittently recording unrealistic temperatures exceeding 10,000°F. Data from the 75-foot level of TP-6 has been excluded from this report. The trend in temperature at this sensor prior to its failure was consistent, with a decreasing trend. Given that the majority of the sensors within this casing are still functioning properly, the sensor at 75 feet will not be retrieved or replaced to avoid damaging the other sensors within the casing.

3.1.2 Temperature Profiles

Temperature profiles for the operational thermocouple strings are shown in **Figures 5-9**. Temperatures profiles have been consistent throughout 2025, with peak temperatures between 200 and 275°F in TP-1, TP-5, and TP-8 and 150°F in TP-9.

The profile at TP-6 is an exception, where temperatures have declined below 200°F in 2025 and outlying temperature measurements have been recorded at 75 ft.

Figure 5. TP-1 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026

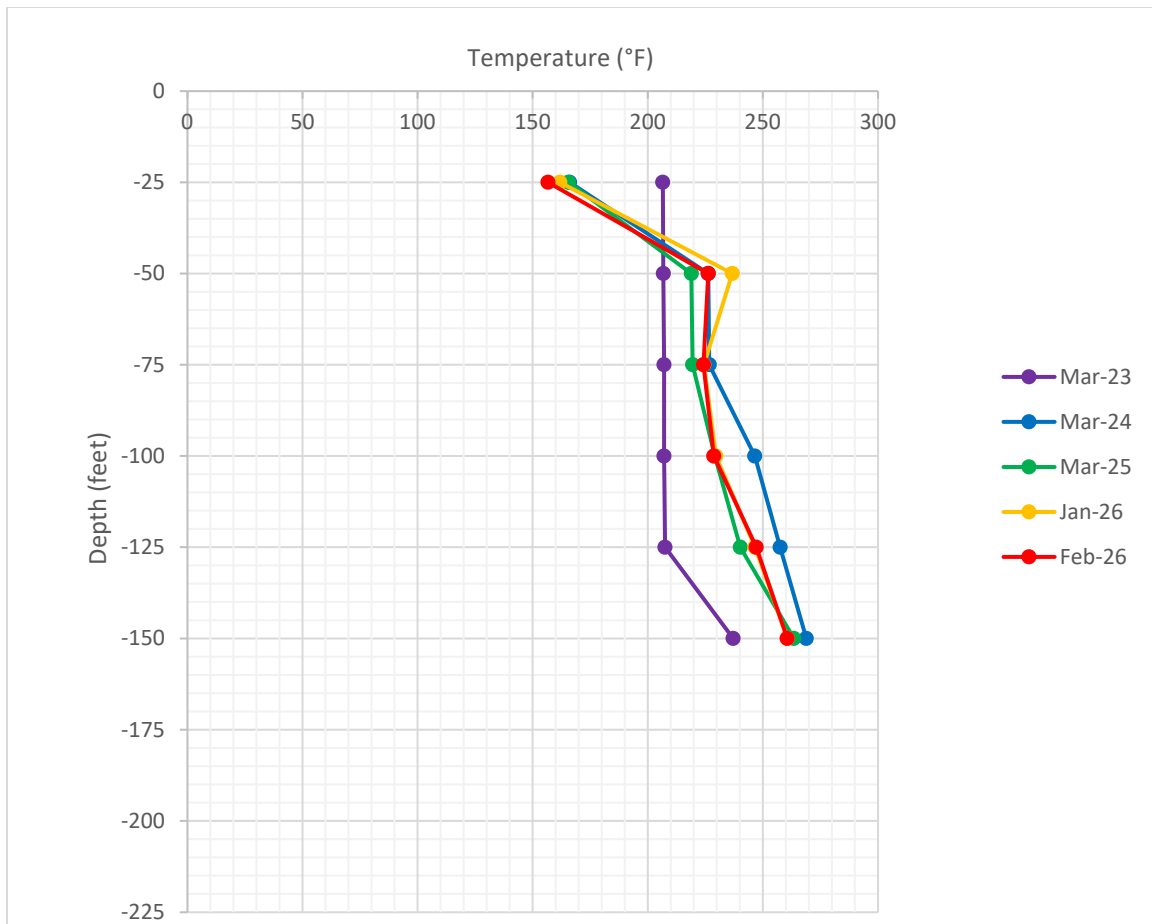


Figure 6. TP-5 Average Temperatures for the Months of March 2023, April 2024, March 2025, January 2026, and February 2026

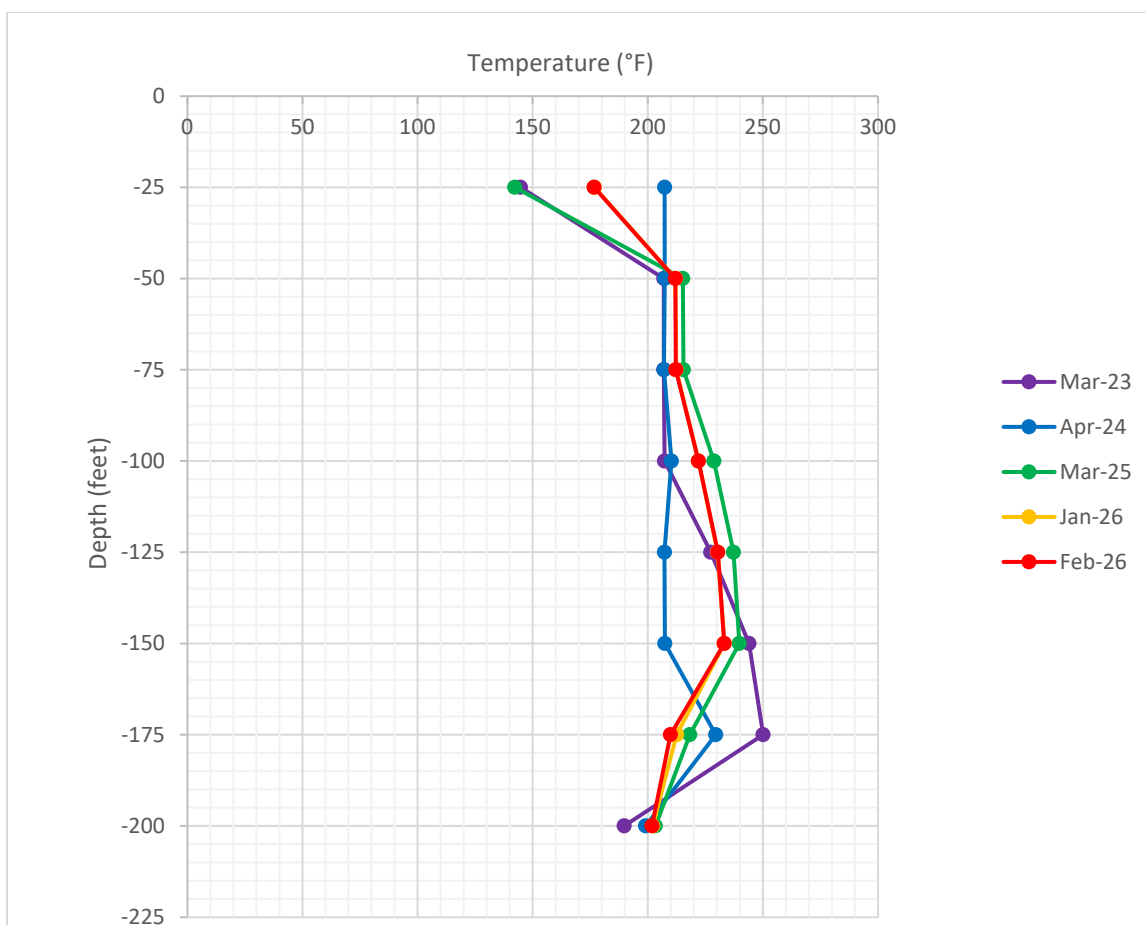


Figure 7. TP-6 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026

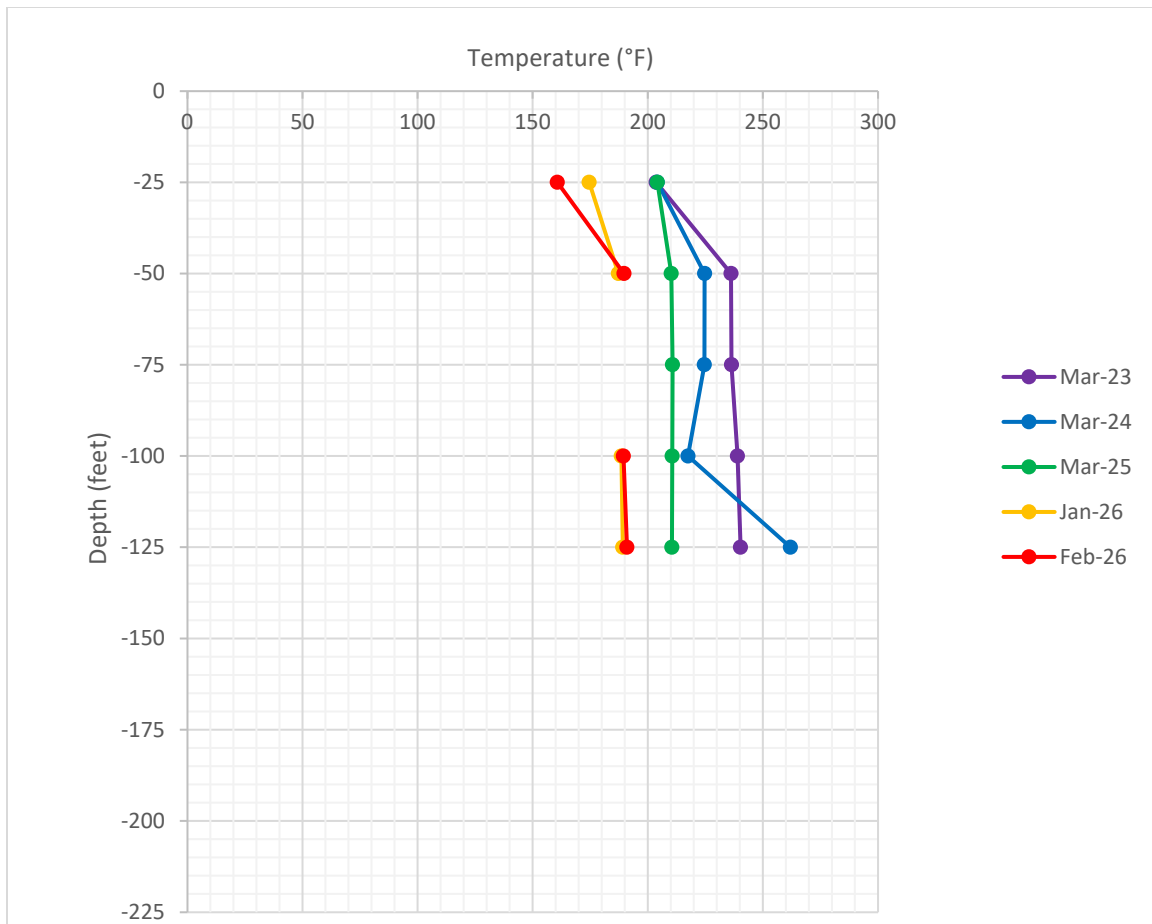


Figure 8. TP-8 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026

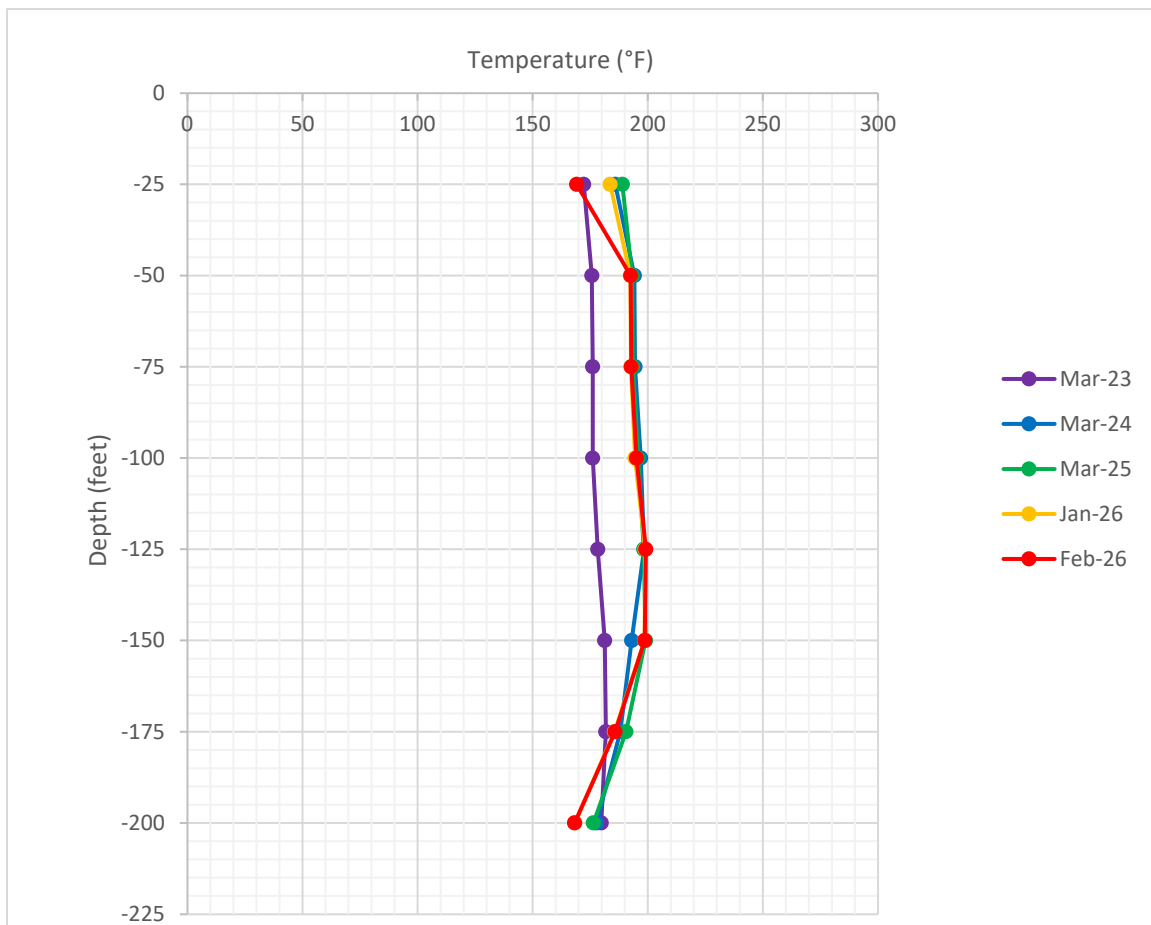
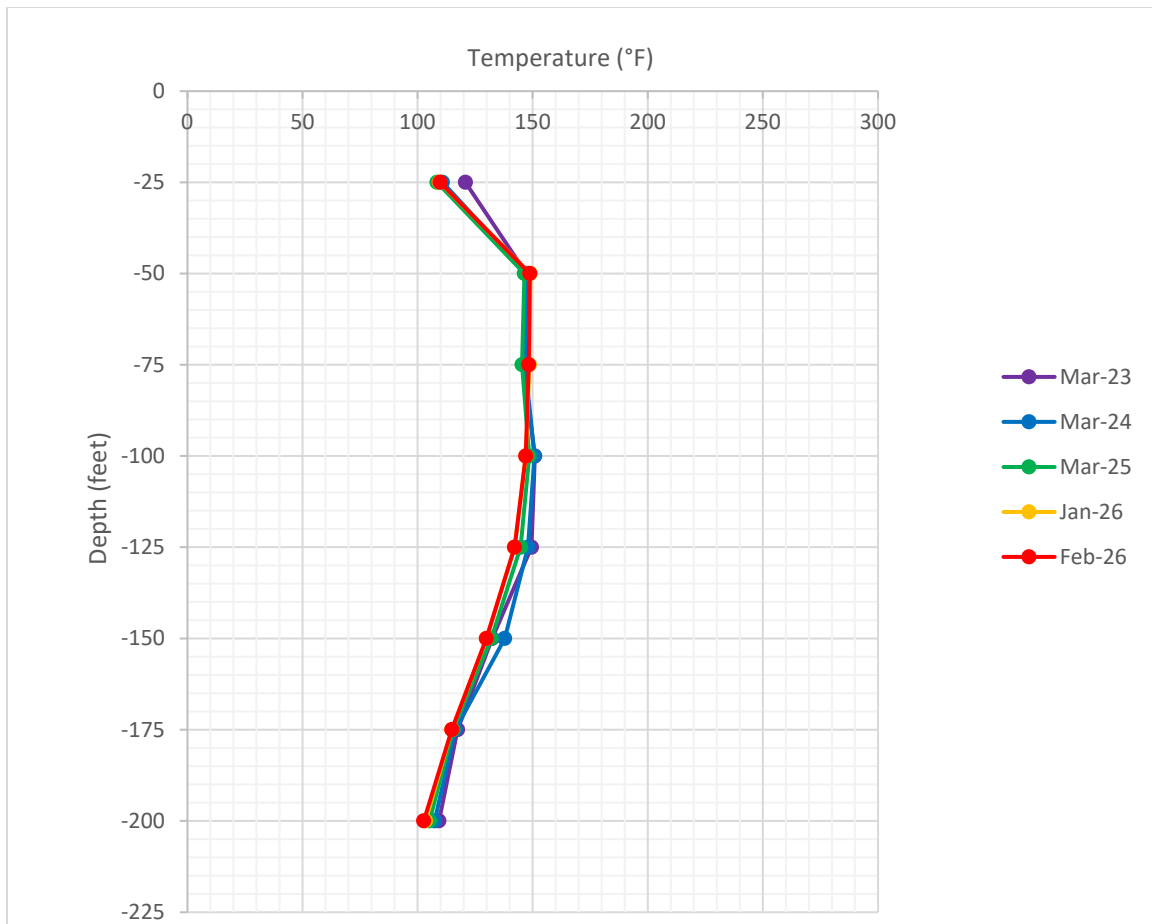


Figure 9. TP-9 Average Temperatures for the Months of March 2023, March 2024, March 2025, January 2026, and February 2026



4.0 LEACHATE EXTRACTION AND MONITORING

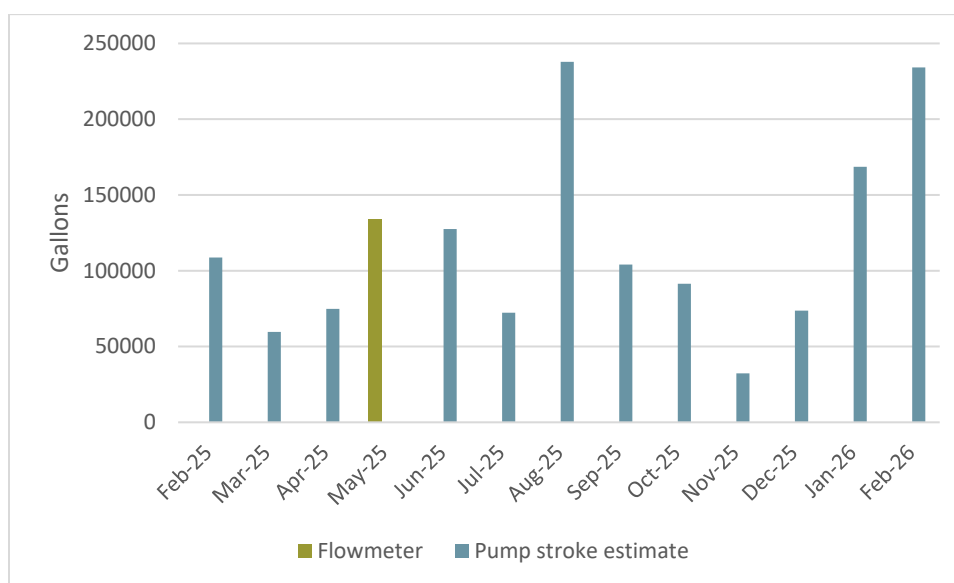
The City is continuously taking steps to maintain and improve the extraction of leachate from the waste mass and collect analytical data on leachate characteristics. The following sections detail steps taken to achieve these goals.

4.1 DEWATERING PUMP OPERATIONS AND MAINTENANCE

4.1.1 Total LFG Liquids Removal

Figure 10 illustrates monthly landfill gas liquids removal over the past year. The volume was estimated from stroke counter data for January 2025 through April 2025, and June 2025 through February 2026 (blue bars in **Figure 10**). A flow meter was used to record the volume in the other months. Over the past 6 months, the estimated monthly leachate pumped has ranged from 32,200 to 234,100 gallons per month and has averaged 117,343 gallons per month.

Figure 10. Total Dewatering Liquid Removal



The Harnden Group began an LFG expansion construction project in September, which necessitated pauses in the operation of dewatering pump infrastructure in December. During construction of the expansion, the Harnden Group identified forcemain piping that was nearly completely blocked with solids. The City worked with the Harnden Group to replace the blocked forcemain piping as part of the expansion project. Jetting of the clogged leachate lines is planned for March.

Freezing temperatures and precipitation have impacted the operations of landfill gas liquids removal infrastructure. In some cases, operations and maintenance staff have been pumping wastewater into tanks that are manually hauled out of the landfill to the sanitary sewer to facilitate dewatering operations.

4.1.2 LFG Liquids Pump Operations and Maintenance

The City and SCS understand that operations of dewatering pumps are critical to address issues related to heat, odors, and the efficient operation of the GCCS. The landfill conditions present a challenging environment for pump operations. Daily pump checks and maintenance of spare pumps will continue indefinitely, along with pump replacements as needed.

Estimated volumes of liquids removed at each pump are presented in **Table G-1, Appendix G**. SCS has prepared the summary below regarding operating conditions and specific challenges associated with each pump in February 2026.

Pump Maintenance Activities

- The pump was pulled and swapped at EW-49.
- A frozen and broken valve was replaced at EW-51.
- The pump was pulled and swapped, and the flex hose was replaced at EW-52.
- The pump was pulled and swapped, and the tri-tubing was replaced at EW-66. EW-66 was also broken down, cleaned, and reinstalled after a clog in the forcemain tee.
- The flex hose was reconnected at EW-86.
- The pump was pulled and swapped, and the tri-tubing was replaced at EW-88.
- The pump was pulled and swapped at TP-4.
- General cleaning and maintenance were performed.

Wells with Inactive Pumps

- The pump in EW-33B is stuck in the well casing and has been disconnected. SCS-FS plans to remove the existing pumps with heavy equipment and replace them with new QED pumps in March, weather permitting.
- SCS-FS intends to replace the Blackhawk pump with a QED in EW-36A, which has been scheduled for March.
- The pumps in EW-51, EW-57, EW-90, and EW-100 are permanently stuck in their wells even after attempts to remove them with heavy equipment. They cannot be cleaned or repaired.
- The pumps in EW-55 and EW-68 are inactive due to excessive pressure buildup in the forcemain line. The proposed cleaning of forcemains scheduled for March is intended to address these conditions.
- All pump types deployed in EW-74 and EW-75 have experienced buildup on the intake screens preventing effective pump operation. To conserve resources for pumping in other wells, no additional pumps are being deployed to these wells.

- The casings of EW-81, EW-83, and EW-91 extend too high above the existing ground level for a pump to be safely accessed. These are stainless steel wells that cannot be lowered through conventional means. SCS-FS and the City are coordinating placement of additional soil around the wells to provide safe access.
- The pump in EW-87 is stuck and needs to be pulled using equipment.
- Removal of the pump in EW-89 was attempted by SCS-FS in January 2026. The pump became stuck about 30 feet down in the well, and camera equipment showed an apparent collapse in the well about 31.5 feet down. A new pump will not be installed at this well.

In addition to the challenges associated with the individual pumps, SCS-FS has generally observed high forcemain pressures and significant build-up of solids within the forcemain. This results in SCS-FS dedicating substantial amounts of time to relieving air pressure on the system. As discussed in Section 4.1.1, sections of the forcemain with this solids build-up are scheduled to be cleaned during the month of March.

4.2 SAMPLING AND ANALYSIS PLAN

In accordance with the second amendment to the consent decree dated January 16, 2026, the frequency of landfill gas liquids sampling has been reduced to quarterly.

4.2.1 Sample Collection

On February 3, 2026, SCS collected leachate samples from Dual Phase LFG extraction wells (EW-50 and EW-61) for the 1st quarter 2026 monitoring event. Field measurements for dissolved oxygen, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity were taken and recorded at the time of sample collection. The associated field logs are included in **Appendix F**. In February 2026, SCS field staff could not collect samples from the wells listed in **Table 4**. Additional details about the condition of these wells and planned maintenance activities are included in Section 4.1.2.

Table 6. Summary Wells Unable to be Sampled for Leachate

Wells With Pumps	Wells Without Pumps
• Pump was not running/cycling at the time of monitoring for the following wells: EW-49, EW-52, EW-59, EW-60, EW-62, EW-65, EW-66, EW-68, EW-78, EW-81, EW-85, EW-88, EW-96, and EW-98. • Pump was disconnected or off at the time of monitoring for EW-36A, EW-55, EW-89, and EW-94 • Additional information:	• There was no pump at the time of the monitoring for the following wells: EW-33B, EW-53, EW-54, EW-56, EW-63, EW-64, EW-67, EW-69, EW-70, EW-73, EW-76, EW-77, EW-79, EW-80, EW-82, EW-83, EW-84, EW-86, EW-87, EW-91, EW-92, EW-93, EW-95, EW-97, and EW-99. Without a pump, a leachate sample is not collected. • Additional information:

Table 6. Summary Wells Unable to be Sampled for Leachate

Wells With Pumps	Wells Without Pumps
- EW-96 was too tall to read the cycle counter. - Liquid depth was not measured at the time of monitoring for EW-36A, EW-81, and EW-94 as gauging equipment has historically become stuck in the well. - The liquid depth was not measured at the time of monitoring for EW-52, EW-55, EW-60, EW-62, EW-66, EW-68, EW-88, EW-89, EW-96, and EW-98 as the pump is slotted for maintenance or replacement.	- EW-33B, EW-63, EW-64, EW-77, EW-79, and EW-93 had the vacuum shut down and were unable to be approached during the time of monitoring. - The well was too tall to safely measure the liquid level for EW-92 and EW-97. - The liquid depth was not measured at the time of monitoring for EW-53, EW-83, EW-86 and EW-87 as gauging equipment has historically become stuck in the well.

The samples were delivered to Enthalpy Analytical (Enthalpy) in Richmond, Virginia for analysis. The samples were analyzed for the parameters utilizing the analytical methods described in the Dual Phase Landfill Gas Extraction Well Leachate Monitoring Plan, December 1, 2022, prepared by SCS Engineers.

4.2.2 Quality Assurance and Quality Control

Field quality control (QC) involved the collection and analysis of trip blanks to verify that the sample collection and handling processes did not impair the quality of the samples. Trip blanks were prepared for VOC analysis via Solid Waste (SW)-846 Method 8260D. In conjunction with the preparation of the groundwater sample collection bottle set, laboratory personnel filled each trip blank sample bottle with distilled/deionized water and transported them with the empty bottle kits to SCS. Field personnel handled the trip blanks like a sample; they remained un-opened, were transported in the sample cooler, and were returned to the laboratory for analysis. A trip blank is used to indicate potential contamination due to the potential migration of VOCs from the air at the site or in the sample shipping containers, through the septum or around the lid of the sampling vials and into the sample.

Laboratory quality assurance/quality control (QA/QC) involves the routine collection and analysis of method reagent blanks, matrix spike (MS) and matrix spike duplicate (MSD) samples, and laboratory control samples (LCS). A summary of each of these is presented below:

- **Method Blank** – The method blank is deionized water subjected to the same reagents and manipulations to which site samples are subjected. Positive results in the method blanks may indicate either contamination of the chemical reagents or the glassware and implements used to store or prepare the sample and resulting solutions.
- **MS/MSD** – A MS is an aliquot of a field sample with a known concentration of target parameter added to it. An MSD is an intra-laboratory split sample spiked with a known concentration of target parameter. Spiking for each occurs prior to sample analysis. MS/MSD samples are collected for every batch of twenty or fewer samples. Matrix spike

recoveries are used to indicate what effect the sample matrix may have on the reported concentration and/or the performance of the sample preparation and analysis.

- **LCS** – These samples consist of distilled/deionized water injected with the parameters of interest for single parameter methods and selected parameters for multi-parameter methods according to the appropriate analytical method. LCS samples are prepared and analyzed for each batch containing twenty or fewer samples. LCS recoveries are used to monitor analytical accuracy.

Surrogate recoveries are also measured as a part of laboratory QA/QC. Surrogates are organic compounds that are like the parameters of interest in chemical composition, extraction, and chromatography, but are not normally found in environmental samples. These compounds are inserted into blank, standards, samples, and spiked samples prior to analysis for organic parameters only. Percent recoveries are calculated for each surrogate. Spike recoveries at or below acceptance criteria indicate whether analytical results can be considered biased high or biased low.

No QC blank detects were identified for the February 2026 monitoring events. The laboratory analysis report for the February 2026 monitoring event trip blanks is included in **Appendix F**. The February 2026 monitoring event laboratory QA/QC reports, including the method blank results, are included in the certificate of analysis (COA) in **Appendix F**.

4.2.3 Data Validation

Data from the monitoring events were validated by the Laboratory and SCS in accordance with United States Environmental Protection Agency (EPA) guidance². Data flagged with a “J” qualifier indicates the quantitation of the parameter is less than the laboratory’s limit of quantitation but greater than the laboratory’s limit of detection (LOD); thus, the concentration is considered estimated. Samples with concentrations less than five times that of the trip blank, field blank, and/or method blank concentration, but greater than the laboratory’s LOD are flagged with a “B” qualifier. Samples with common laboratory concentrations less than 10 times that of the trip blank, field blank, and/or method/laboratory blank detection but greater than the laboratory’s LOD are flagged with a “B” qualifier. Data with a “B” qualifier are considered not valid as the detection may be anomalous due to cross-contamination during sampling, transportation of samples, or laboratory analysis.

No leachate results were flagged with a “B” qualifier for the February 2026 monitoring events as there were no QC blank detections. The February 2026 detections flagged with a “J” qualifier are shown on **Table 5**.

4.2.4 Laboratory Analytical Results

The analytical results for the February 2026 leachate samples collected from extraction wells EW-50 and EW-61 are summarized in **Table 5**. The associated COA is included in **Appendix F**. Concentrations from February 2026 and previous monitoring events (November 2022 – December 2025) are presented in the Historical LFG-EW Leachate Monitoring Results Summary in **Appendix F**.

² United States Environmental Protection Agency. Guidance for Data Usability in Risk Assessment (Part A-14). April 1992.

United States Environmental Protection Agency. Office of Superfund Remediation and Technology Innovation. National Functional Guidelines for Inorganic Superfund Methods Data Review. November 2020.

United States Environmental Protection Agency. Office of Superfund Remediation and Technology Innovation. National Functional Guidelines for Organic Superfund Methods Data Review. November 2020.

Time-series plots of each VOC for EW-50 and EW-61 and the wells that have historically been sampled are included in **Appendix F**.

Table 7. Quarterly LFG-EW Leachate Monitoring Event Summary

Well ID	EW-50	EW-61	LOD	LOQ
Parameter	February 2026 Concentration			
Ammonia as N (mg/L)	1350	1650	60	100
Biological Oxygen Demand (mg/L)	1250	30900	0.2	2
Chemical Oxygen Demand (mg/L)	3820	---	630	1000
	---	53700	6300	10000
Nitrate (mg/L)	1.08	0.45	0.051	0.2
Nitrite as N (mg/L)	ND	ND	0.05	0.2
Phenolics, Total Recoverable (mg/L)	2.54	---	0.309	0.5
	---	77	15.4	25
Total Kjeldahl Nitrogen (mg/L)	1220	---	23	25
	---	2670	45.9	50
SEMI-VOLATILE ORGANIC COMPOUND (ug/L)				
Anthracene	ND	---	100	200
	---	ND	400	800
TOTAL METALS (mg/L)				
Arsenic	0.39	0.407	0.01	0.1
Barium	0.403	2.19	0.005	0.05
Cadmium	ND	0.0289	0.001	0.02
Chromium	0.406	0.22	0.002	0.05
Copper	0.0142 J	0.0252 J	0.01	0.05
Lead	0.0186 J	0.218	0.01	0.05
Mercury	0.00154	---	0.000027	0.0002
Mercury	---	0.00794	0.000135	0.001
Nickel	0.1353	0.0275 J	0.005	0.05
Selenium	ND	ND	0.035	0.25
Silver	ND	0.0146 J	0.002	0.05
Zinc	0.0541	0.0734	0.015	0.05
VOLATILE FATTY ACIDS (mg/L)				
Acetic Acid	76.4	---	0.7	5
	---	4990	71.4	500
Butyric Acid	7.5	---	0.7	5
	---	1350	70.3	500
Lactic Acid	24.2	---	0.6	5
	---	677	55.7	500
VOLATILE FATTY ACIDS (mg/L)				

Table 7. Quarterly LFG-EW Leachate Monitoring Event Summary

Well ID	EW-50	EW-61	LOD	LOQ
Parameter	February 2026 Concentration			
Propionic Acid	49	---	0.6	5
	---	2260	57.3	500
Pyruvic Acid	2.4 J	---	0.9	5
	---	71.3	8.9	50
VOLATILE ORGANIC COMPOUNDS (ug/L)				
2-Butanone	5710	7280	19.4	20
Acetone	5690	---	277	400
	---	24800	692	1000
Benzene	1020	130	2.78	8
Ethylbenzene	112	16.4	3.02	8
Tetrahydrofuran	1220	2620	15.1	20
Toluene	141	13.4	3.2	8
Xylenes	193	22.2 J	8.76	60

--- = not applicable

J = Constituent was detected at a concentration above the laboratory's LOD but below the laboratory's LOQ. Concentration is estimated and not validated.

LOD = laboratory's Limit of Detection

LOQ = laboratory's Limit of Quantitation

mg/L = milligrams per liter

ND = Not Detected

ug/L = micrograms per liter

5.0 SETTLEMENT MONITORING AND MANAGEMENT

The City is taking steps to track and manage settlement occurring in the landfill. A summary of actions taken to quantify and manage settlement is included in the sections below.

5.1 SETTLEMENT MONITORING AND MANAGEMENT PLAN

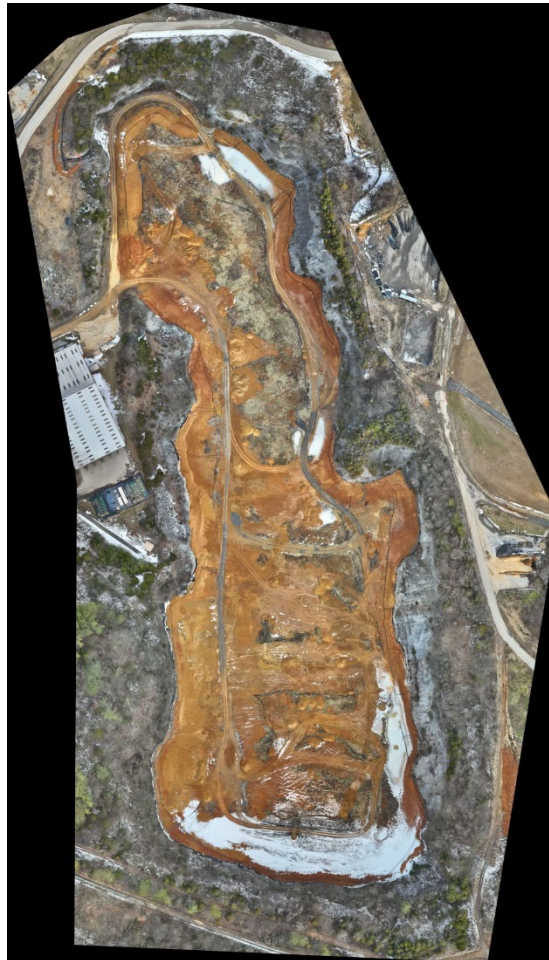
Information about the Settlement Monitoring and Management Plan for the SWP No. 588 Landfill and a copy of the plan can be found in the November 2022 Compliance Report for the SWP No. 588 Landfill.

5.2 MONTHLY SURVEYS

5.2.1 Topographic Data Collection

SCS collected topographic data of the Solid Waste Permit No. 588 Landfill using photogrammetric methods via an unmanned aerial vehicle (UAV or drone) on February 10, 2026. Aerial imagery collected on February 10, 2026, is depicted in **Figure 11**. The topographic data collected is shown on Sheet 4 in **Appendix E**.

Figure 11. Aerial Photo of the SWP No. 588 Landfill

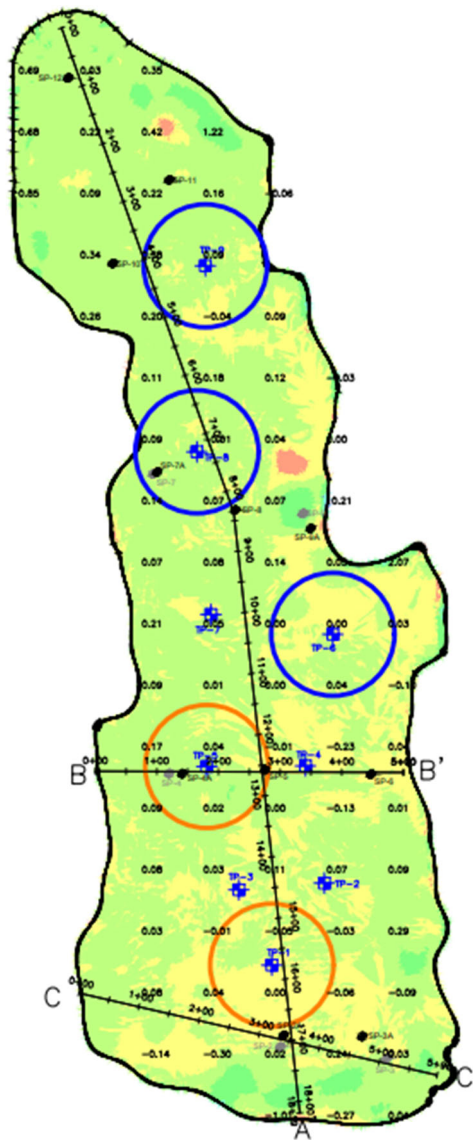


The topography within the landfill footprint was compared to topographic data collected by SCS using photogrammetric methods on December 11, 2025. A drawing depicting the January 13, 2025, topography is included as Sheet 3 in **Appendix E**.

Based on a comparison of the topographic data collected on those two dates, the data shows a fill of 5,100 cubic yards across the site. Fill may have been placed and spread on the site to address differential settlement, surface emissions, and to provide access to LFG collection vertical wells. Additionally, the presence of snow at the site at the time of topography capture can influence the topographic data recorded by the drone, which contributes to the fill volume. During that same time period, calculations indicate a “cut” volume of approximately 900 cubic yards. Cut volumes are typically attributed to settlement. This resulted in a net increase in volume within the waste footprint of 4,100 cubic yards.

A visual depiction of settlement and filling at the landfill during this time is depicted in **Figure 12**. Areas in yellow and orange indicate where elevations decreased and areas in green indicate areas where elevations have increased. Darker colors indicate greater changes in elevation. This drawing is also included as Sheet 5 in **Appendix E**.

Figure 12. 1-Month Elevation Change Map



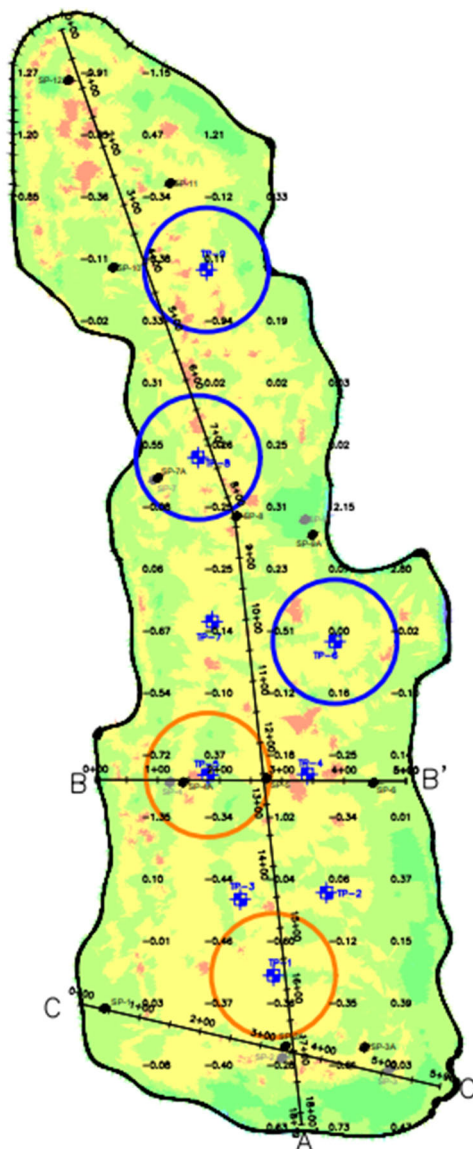
The locations of in-waste temperature monitoring probes are also shown on **Figure 12**, **Figure 13**, and **Figure 14**. The circles around the probes in each of these figures are indicative of the average borehole temperature. The circles shown are offset from the probes for clarity only and do not necessarily indicate temperatures measured at locations away from the probe. Probes with a blue circle around them typically have an average temperature less than 200° F across the full depth of the probe. Probes with an orange circle around them typically have an average temperature greater than 200° F and less than 250° F across the full depth of the probe. Probes with no circle around them represent no temperature readings for this month due to sensor malfunctions. There were no probes measuring average temperatures greater than 250° F during the month of February 2026.

SCS calculated the waste footprint for purposes of analysis to be 752,610 square feet. Based on that area and the net volume change, the average elevation increase between the flyover dates was 0.1 ft.

SCS also compared the topographic data collected in February to the topographic data collected on November 18, 2025. Based on a comparison of the topographic data collected on those two dates, settlement occurred that reduced the volume of waste in the landfill by approximately 5,500 cubic yards. During that same time period calculations indicate approximately 7,400 cubic yards of fill were placed on the landfill, for a net increase in waste volume of 2,000 cubic yards.

A visual depiction of settlement and filling at the landfill during this time is depicted in **Figure 13**. Areas in orange/yellow indicate where elevations decreased and areas in green indicate areas where elevations have increased. Darker colors indicate greater changes in elevation. This drawing is also included as Sheet 6 in **Appendix E**.

Figure 13. 3-Month Elevation Change Map

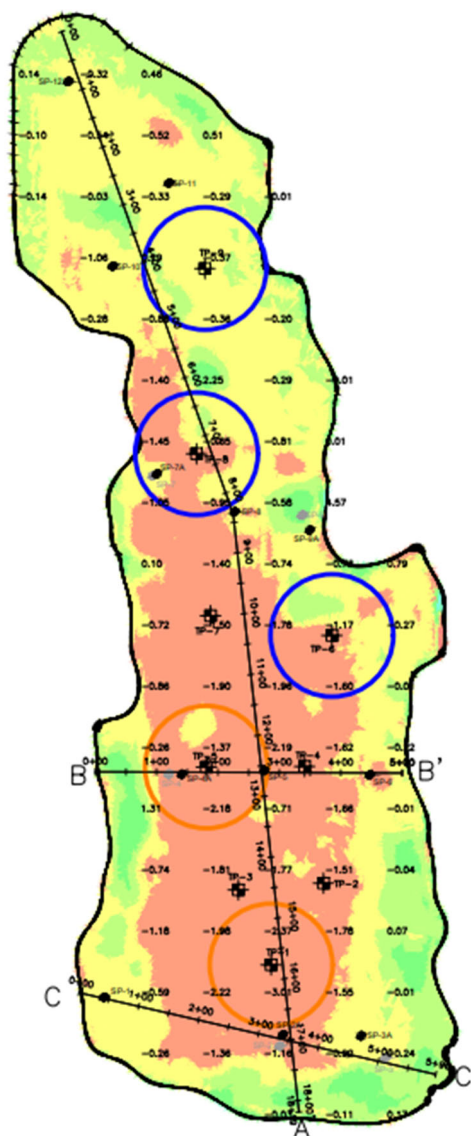


Based on the area of the landfill and the net volume change, the average elevation increase was approximately 0.1 feet.

SCS also compared the topographic data collected in February 2026 to the drone topographic data collected on February 18, 2025. Based on a comparison of the topographic data collected on those two dates, settlement occurred that reduced the volume of waste in the landfill by approximately 23,700 cubic yards. During that same time period approximately 3,300 cubic yards of construction-related fill were placed on the landfill. This resulted in a net volume decrease of approximately 20,300 cubic yards.

A visual depiction of settlement and filling at the landfill during this time is depicted in **Figure 14**. Areas in red indicate where elevations decreased and areas in green indicate areas where elevations have increased. Darker colors indicate greater changes in elevation. This drawing is also included as Sheet 7 in **Appendix E**.

Figure 14. 1-Year Elevation Change Map



The largest settlement occurred primarily at the southern end of the landfill where the waste settled by 3 feet or more in some areas. Significant settlements are typical of elevated temperature landfill conditions. The landfill perimeter exhibited an increase in elevation, likely due to soil placement associated with construction and/or ongoing maintenance of the Sidewall Odor Mitigation System. There were variations in elevation associated with soil stockpiling operations.

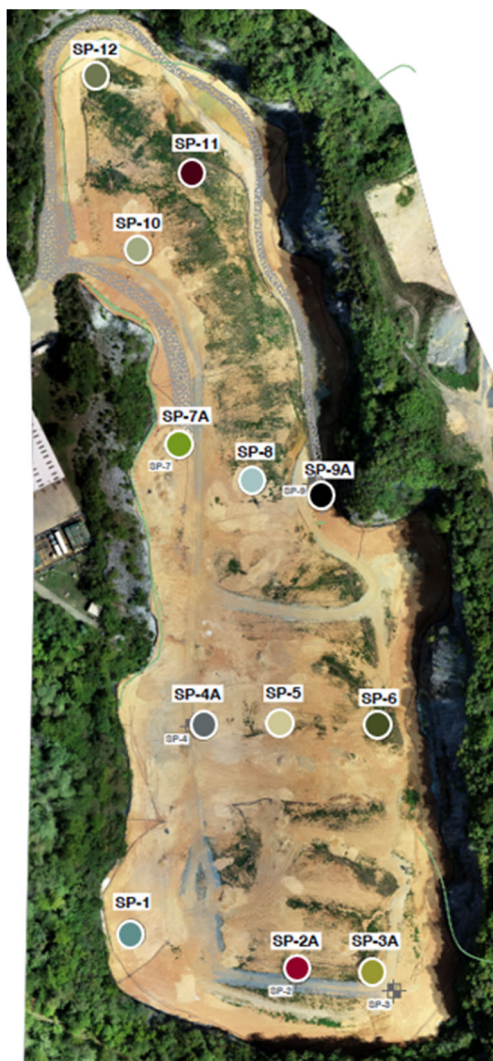
Based on the landfill area and the net volume change, the average elevation decrease was approximately 0.7 feet.

SCS will collect topographic data covering the landfill surface again in March 2026 using photogrammetric methods via UAV. This data will be compared to the data collected in March 2025, December 2025, and February 2026.

5.2.2 Settlement Plate Surveys

On November 7, 2022, SCS field services installed 12 settlement plates on the Solid Waste Permit No. 588 landfill. Five new settlement plates (SP-2A, SP-3A, SP-4A, SP-7A, and SP-9A) installed during June 2024 are intended to replace non-operational settlement plates. The settlement plate locations are depicted in **Figure 15** and on Sheet 1 in **Appendix E**. The construction and installation of the settlement plates generally conform to the description in the Settlement Monitoring and Management Plan.

Figure 15. Settlement Plate Locations



The locations of the settlement plates were initially surveyed on November 14, 2022, and have been surveyed monthly thereafter. The survey coordinates and elevation changes of the settlement plates are shown in **Table 4**.

Table 8. Elevation and Strain Data at Settlement Plate Locations

Settlement Plate	Northing	Easting	Elevation on February 9, 2026 (ft)	Elevation Change Since January 15, 2026 (ft)	Strain ³ Since January 15, 2026	Elevation Change Since Installation (ft)
SP-1	3,397,887.8	10,412,081.2	1,828.1	-0.1	-0.1%	-6.3
SP-2A	3,397,823.5	10,412,370.8	1,791.2	-0.1	-0.1%	-4.5
SP-3A	3,397,820.3	10,412,498.1	1,778.6	0.1	0.1%	-1.6
SP-4A	3,398,247.1	10,412,208.0	1,801.3	-0.1	-0.1%	-3.9
SP-5	3,398,255.8	10,412,339.9	1,786.8	0.1	0.0%	-13.9
SP-6	3,398,248.8	10,412,510.1	1,772.2	-0.1	-0.1%	-5.4
SP-7A	3,398,731.3	10,412,158.6	1,821.5	0.0	0.0%	-1.9
SP-8	3,398,678.0	10,412,291.0	1,798.9	0.1	0.0%	-8.5
SP-9A	3,398,644.2	10,412,416.2	1,787.8	0.1	0.1%	-0.9
SP-10	3,399,079.7	10,412,095.6	1,835.6	0.1	0.0%	-4.0
SP-11	3,399,216.4	10,412,183.9	1,814.1	0.1	0.1%	-2.2
SP-12	3,399,381.8	10,412,019.7	1,809.3	-0.1	-0.1%	-1.4

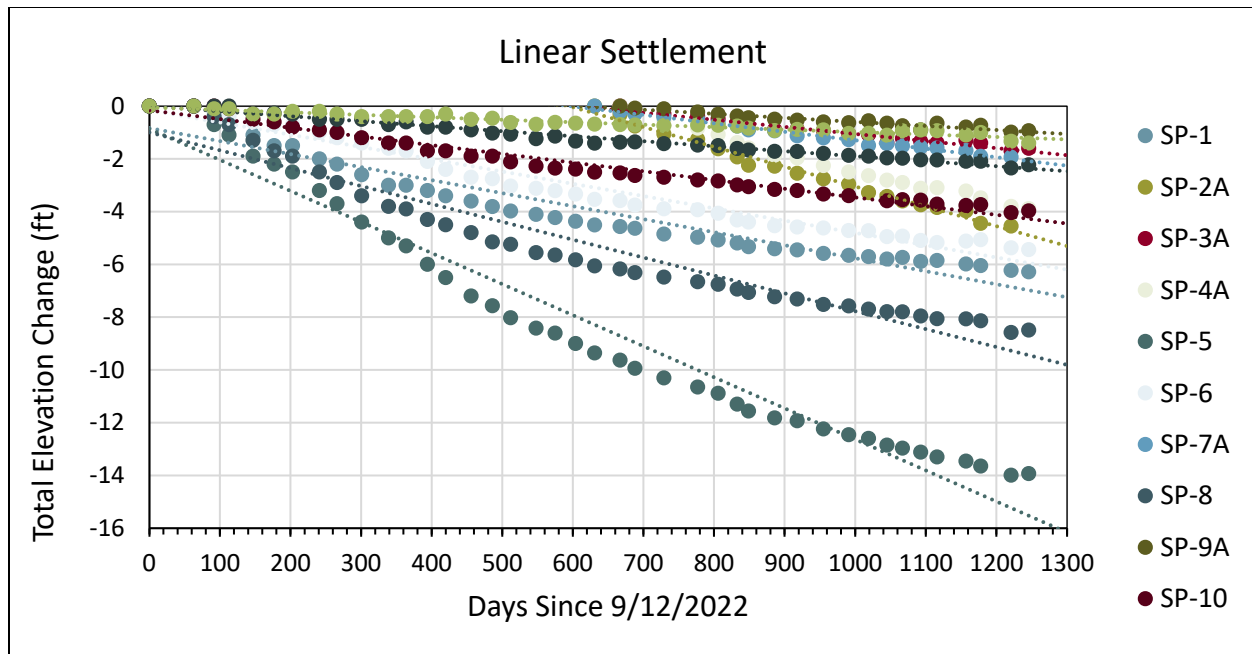
Prior to April 2024, the City's in-house surveyor read the settlement plate elevations. Starting April 2024 through June 2025, the settlement plate elevations were measured by FEI Civil Engineers and Land Surveyors. As of July 2025, the settlement plate elevations are measured by Miller Land Surveying LLC. Some variations in elevation measurements may be the result of changes in personnel and equipment.

Settlement Plates 1, 2A, 4A, 6, and 12 demonstrated the largest strain due to settlement than at other locations. Settlement Plates 1 and 2A are at the southern end of the landfill. This area is near the location of the gas wells and temperature probes exhibiting higher temperatures.

The elevation change at the other settlement plates does not indicate measurable settlement. **Figure 16** shows the changes in elevation of select settlement plates over time. The data in **Figure 16** are reported in days since the landfill was required to stop accepting waste.

³ Strain is defined as the change in elevation divided by the estimated waste depth.

Figure 16. Elevation Change of Select Settlement Plates Over Time



The settlement plates will be surveyed again during March 2026. The elevations surveyed will be compared to the elevations surveyed the previous months.

6.0 INTERMEDIATE COVER AND GEOMEMBRANE COVER SYSTEM

The City has taken steps to provide intermediate and temporary cover of the wastes in the landfill. The sections below describe the steps taken by the City and future plans related to cover.

6.1 INTERMEDIATE COVER INSTALLATION

A summary of the intermediate cover installation can be found in the October 2022 Monthly Compliance Report for the SWP No. 588 Landfill.

6.2 GEOMEMBRANE COVER SYSTEM DESIGN

A second amendment to the Consent Decree was issued on January 16, 2026 which requires a geomembrane deployment once the criteria outlined in the consent decree are achieved. The amended Consent Decree also requires regular settlement assessments that will analyze settlement to evaluate if the criteria have been met. The first settlement assessment was submitted to VDEQ on April 11, 2024. The most recent assessment was submitted on January 8, 2026. The next assessment will be submitted on or before July 14, 2026 in accordance with the second amendment to the consent decree dated January 16, 2026.

6.3 GEOMEMBRANE COVER SYSTEM PROCUREMENT

Information about the procurement of materials for the geomembrane cover system can be found in the January 2023 Monthly Compliance Report for the SWP No. 588 Landfill.

6.4 GEOMEMBRANE COVER SYSTEM INSTALLATION

As outlined in the second amendment to the Consent Decree dated January 16, 2026, the deadline for geomembrane cover system installation has been extended until such time as the criteria outline in the consent decree have been met. The City is conducting the assessments described in Section 6.2 to determine the appropriate time for installation.

7.0 STORMWATER MANAGEMENT

Information about the most recent stormwater management plans, basin location, plan implementation, long-term control, and stormwater monitoring for the SWP No. 588 Landfill can be found in the December 2023 Monthly Compliance Report for the SWP No. 588 Landfill.

8.0 MISCELLANEOUS

8.1 CEASE WASTE ACCEPTANCE

The City ceased acceptance of offsite waste at the Solid Waste Permit No. 588 landfill prior to September 12, 2022.

8.2 LONG-TERM PLAN

Refer to the December 2022 and March 2023 Monthly Compliance Reports for the SWP No. 588 Landfill for additional information about the development and implementation of the Monitoring, Maintenance, and Repair Plan.

8.3 MONTHLY COMPLIANCE REPORTS

As described in the introduction, this report is intended to provide comprehensive updates regarding progress towards completion of each item described in Appendix A of the Consent Decree between the City and VDEQ.

8.4 COMMUNITY OUTREACH PROGRAM

The City's consultant leading community outreach, McGuireWoods Consulting, prepared a summary of the actions taken as part of their community outreach efforts. For the month of January 2026, those actions include:

- **Ongoing basis:** Four (4) posts on each the BristolVALandfill.org site and the existing City of Bristol Landfill Notifications and Information page covering important updates including:
 - Progress updates related to remediation efforts and normal maintenance activities at the Quarry Landfill.

- Updates at the Quarry Landfill this month included routine maintenance on the flare, landfill gas system, and well heads; spreading soil to areas affected by settlement; removing excess surface water with the stormwater pump; repairing the stormwater pump; removing and replacing two leachate pumps; and rebuilding reserve leachate pumps.
- On January 16, the City of Bristol Virginia and the Virginia Department of Environmental Quality (VDEQ) amended for a second time the Consent Decree entered into on March 23, 2023. The amended Consent Decree decreases the frequency of certain reports over time, eliminating reporting requirements under the Consent Decree for landfill 221, and requires an in-person meeting with VDEQ every January to assess the status of the requirements made by the Consent Decree. Secondly, the Amendment continues to require the installation of a geomembrane to cover the quarry landfill. However, the Amendment drops the requirement that the geomembrane be an EVOH and instead permits the city, its experts, and VDEQ to assess and determine the type of geomembrane to install at the appropriate time. The amended consent decree is now in the hands of the attorneys representing Bristol, TN.
- **Weekly updates on landing page on Bristolvalandfill.org titled “Air Sampling and Air Monitoring” that includes a summary of the air sampling and monitoring being conducted by Bristol, VA around the quarry landfill.**
 - Website now includes weekly air monitoring reports starting from May 15, 2023, and running through January 25, 2026.
- **E-mail communication sent to the list of members of the public signed up through the Bristol, VA website, the BristolVALandfill.org website, or at subsequent Open Houses to receive information via e-mail**
 - E-mails sent included weekly remediation progress update and links to website updates and latest news articles.
 - We still continue to receive a number of emails per month via the website community feedback form. All of them for the past few months have been SPAM solicitations seeking to sell products and/or services.



Appendix A

Surface Emissions Monitoring Summary

Quarterly SEM

SCS performed the Fourth Quarter 2025 surface emissions monitoring event on February 24, 2026. The surface emissions monitoring route included the entire waste footprint of the Permit No. 588 landfill. Sampling was conducted with a Thermo Scientific TVA-2020 Flame Ionization Detector (FID) at 30-meter intervals and where visual observations indicated the potential for elevated concentrations of LFG, such as distressed vegetation and surface cover cracks. In addition, in accordance with 40 CFR 63.1958(d)(ii)(2) and 40 CFR 60.34f(d), monitoring was conducted at all surface cover penetrations within the waste footprint.

No exceedances were detected during this quarterly monitoring event on the serpentine route or at the surface cover penetrations. This monitoring event also represented the weekly monitoring event for the week. A quarterly SEM report will be submitted to the VDEQ as part of the Semi-Annual Report. In addition, monitoring results were presented to the VDEQ in a letter dated March 4, 2026.

Weekly SEM

In addition to the standard regulatory quarterly surface emissions monitoring, the monitoring in February generally conformed to the requirements of 40 CFR 63.1960(c) and (d), and 40 CFR 60.36f(c) and (d), and 40 CFR 60, Appendix A, Method 21. The landfill gas (LFG) collection system is required to operate such that the methane concentration is less than 500 ppm above background at the landfill surface.

The SEM route included the waste footprint of the Permit No. 588 landfill. Sampling was conducted with a Thermo Scientific TVA-2020 Flame Ionization Detector (FID) at 30-meter intervals and where visual observations indicated the potential for elevated concentrations of LFG, such as distressed vegetation and surface cover cracks. In addition, in accordance with 40 CFR 63.1958(d)(ii)(2) and 40 CFR 60.34f(d), monitoring was conducted at applicable surface cover penetrations within the waste footprint.

The Facility submitted letters to VDEQ describing the results of the February monitoring events on February 11, 2026; February 18, 2026; February 25, 2026; and, March 4, 2026. Copies of those letters are included in this Appendix.

The Facility continues to take proactive steps to limit fugitive surface emissions including dewatering activities, additional cover soil placement, and LFG system maintenance and tuning to increase gas extraction.

February 11, 2026
File No. 02218208.04

Ms. Susan "Tracey" Blalock
Air Compliance Specialist
Virginia Department of Environmental Quality
SW Regional Office
355-A Deadmore Street
Abingdon, VA 24210

Subject: Weekly Surface Emissions Monitoring Event – February 4, 2026
Bristol Integrated Solid Waste Facility – Bristol, Virginia

Dear Ms. Blalock:

On behalf of the City of Bristol (City), SCS Engineers (SCS) is pleased to submit the results of the Weekly Surface Emissions Monitoring event performed at the Bristol Integrated Solid Waste Management Facility located in Bristol, Virginia on February 4, 2026. This Weekly Surface Emissions Monitoring (SEM) Event was performed in accordance with Appendix A.1.i of the Consent Decree between the Commonwealth of Virginia and the City of Bristol.

The monitoring generally conforms to the requirements of 40 CFR 63.1960(c) and (d), and 40 CFR 60.36f(c) and (d), and 40 CFR 60, Appendix A, Method 21. The landfill gas (LFG) collection system is required to operate such that the methane concentration is less than 500 ppm above background at the landfill surface.

The monitoring route includes the entire waste footprint of Permit No. 588 Landfill. Sampling was conducted with a Thermo Scientific TVA-2020 Flame Ionization Detector (FID) at 30-meter intervals and where visual observations indicated the potential for elevated concentrations of LFG, such as distressed vegetation and surface cover cracks. In addition, in accordance with 40 CFR 63.1958(d)(ii)(2) and 40 CFR 60.34f(d), monitoring was conducted at all surface cover penetrations within the waste footprint, including at the temperature probes. The approximate monitoring route and sampling locations are presented in the attached Drawing.

At the time of monitoring, all areas of the Permit No. 588 Landfill footprint are subject to regulatory monitoring based on the regulatory schedule stipulated in 40 CFR 63.1960(b) and 40 CFR 60.36f(b). Permit No. 588 Landfill has a surface area of approximately 17.3 acres. Therefore, the minimum number of sampling points to cover the appropriate portion of the landfill footprint, utilizing a 30-meter grid interval, is approximately 82 (4.75 points per acre). A summary of the results of the surface emissions monitoring is provided in Table 1.



Table 1. Summary of Surface Emissions Monitoring

Description	Quantity
Number of Points Sampled	166
Number of Points in Serpentine Route	100
Number of Points at Surface Cover Penetrations	66
Number of Exceedances	0
Number of Serpentine Exceedances	0
Number of Pipe Penetration Exceedances	0

REMONITORING OF ONGOING EXCEEDANCES

In accordance with 40 CFR 63.1960(c)(4)(ii) and 40 CFR 60.36f(c)(4)(ii), corrective actions and a remonitoring event are to be performed within 10 days of the initial exceedance. In accordance with 40 CFR 63.1960(c)(4)(iii) and 40 CFR 60.36f(c)(4)(iii) additional corrective actions and a second 10-day retest are to be performed if the initial 10-day retest indicates methane values greater than the regulatory threshold. The Facility performs corrective actions, as necessary, including wellhead vacuum adjustments, the installation of well-bore seals, and addition of soil cover prior to weekly monitoring events at locations that previously exhibited elevated methane concentrations.

In accordance with 40 CFR 63.1960(c)(4)(v) and 40 CFR 60.36f(c)(4)(v) a new well or collection device must be installed or an alternate remedy must be submitted within 120 days at locations that continue to exhibit methane concentrations above the regulatory threshold for two consecutive re-tests.

There are currently no ongoing exceedances.

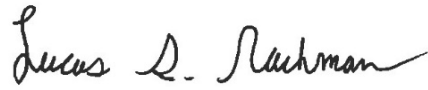
Ms. Susan "Tracey" Blalock
February 11, 2026
Page 3

If you have questions or require additional information, please contact either of the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Fabrie". The signature is written in a cursive style with a large initial "W".

William J. Fabrie
Project Professional
SCS Engineers

A handwritten signature in black ink, appearing to read "Lucas S. Nachman". The signature is written in a cursive style with a large initial "L".

Lucas S. Nachman
Senior Project Professional
SCS Engineers

LSN/WJF

cc: Jonathan Hayes, City of Bristol
Laura Helander, City of Bristol

Encl. Surface Emissions Monitoring Results
Bristol SEM Route Drawing

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 4, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
1	142.0 PPM	OK			Start Serpentine Route
2	4.2 PPM	OK			
3	4.8 PPM	OK			
4	4.0 PPM	OK			
5	3.0 PPM	OK			
6	3.0 PPM	OK			
7	3.3 PPM	OK			
8	3.4 PPM	OK			
9	3.2 PPM	OK			
10	3.1 PPM	OK			
11	8.8 PPM	OK			
12	4.4 PPM	OK			
13	7.1 PPM	OK			
14	4.9 PPM	OK			
15	6.7 PPM	OK			
16	8.0 PPM	OK			
17	10.0 PPM	OK			
18	12.4 PPM	OK			
19	7.8 PPM	OK			
20	7.6 PPM	OK			
21	9.0 PPM	OK			
22	9.3 PPM	OK			
23	9.3 PPM	OK			
24	10.9 PPM	OK			
25	6.7 PPM	OK			
26	4.4 PPM	OK			
27	46.5 PPM	OK			
28	8.7 PPM	OK			
29	3.9 PPM	OK			
30	4.8 PPM	OK			
31	3.4 PPM	OK			
32	3.6 PPM	OK			
33	3.4 PPM	OK			
34	3.5 PPM	OK			
35	2.8 PPM	OK			
36	2.2 PPM	OK			
37	1.8 PPM	OK			
38	1.9 PPM	OK			
39	4.5 PPM	OK			
40	1.9 PPM	OK			
41	6.0 PPM	OK			
42	9.2 PPM	OK			
43	1.9 PPM	OK			
44	1.8 PPM	OK			
45	1.9 PPM	OK			
46	1.9 PPM	OK			
47	2.1 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 4, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
48	2.3 PPM	OK			
49	3.3 PPM	OK			
50	4.9 PPM	OK			
51	6.4 PPM	OK			
52	3.7 PPM	OK			
53	8.5 PPM	OK			
54	32.0 PPM	OK			
55	3.0 PPM	OK			
56	2.2 PPM	OK			
57	2.5 PPM	OK			
58	2.2 PPM	OK			
59	1.8 PPM	OK			
60	1.6 PPM	OK			
61	4.7 PPM	OK			
62	2.9 PPM	OK			
63	5.2 PPM	OK			
64	5.6 PPM	OK			
65	5.2 PPM	OK			
66	5.1 PPM	OK			
67	8.4 PPM	OK			
68	19.3 PPM	OK			
69	4.5 PPM	OK			
70	4.2 PPM	OK			
71	4.0 PPM	OK			
72	4.2 PPM	OK			
73	4.4 PPM	OK			
74	4.2 PPM	OK			
75	3.0 PPM	OK			
76	3.1 PPM	OK			
77	2.9 PPM	OK			
78	3.0 PPM	OK			
79	2.6 PPM	OK			
80	2.3 PPM	OK			
81	2.4 PPM	OK			
82	2.4 PPM	OK			
83	2.2 PPM	OK			
84	2.3 PPM	OK			
85	2.1 PPM	OK			
86	2.1 PPM	OK			
87	2.0 PPM	OK			
88	2.0 PPM	OK			
89	1.9 PPM	OK			
90	1.9 PPM	OK			
91	2.4 PPM	OK			
92	3.0 PPM	OK			
93	5.1 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 4, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
94	4.8 PPM	OK			
95	3.0 PPM	OK			
96	2.0 PPM	OK			
97	2.1 PPM	OK			
98	2.3 PPM	OK			
99	2.1 PPM	OK			
100	2.2 PPM	OK			End Serpentine Route
101	2.4 PPM	OK			EW-52
102	3.4 PPM	OK			TP-4
103	2.6 PPM	OK			EW-60
104	2.7 PPM	OK			EW-48
105	2.7 PPM	OK			TP-6
106	3.8 PPM	OK			EW-61
107	2.0 PPM	OK			EW-50
108	1.8 PPM	OK			EW-67
109	2.0 PPM	OK			EW-47
110	1.7 PPM	OK			EW-54
111	2.1 PPM	OK			EW-55
112	4.2 PPM	OK			EW-92
113	1.5 PPM	OK			EW-91
114	1.4 PPM	OK			EW-96
115	1.4 PPM	OK			EW-66
116	2.3 PPM	OK			EW-58
117	1.4 PPM	OK			EW-57
118	1.3 PPM	OK			TP-1
119	2.0 PPM	OK			EW-59
120	1.7 PPM	OK			EW-100
121	1.3 PPM	OK			EW-56
122	1.3 PPM	OK			EW-97
123	1.3 PPM	OK			EW-53
124	2.0 PPM	OK			EW-51
125	2.0 PPM	OK			TP-5
126	1.5 PPM	OK			EW-68
127	1.5 PPM	OK			EW-87
128	2.3 PPM	OK			EW-38
129	1.9 PPM	OK			TP-7
130	2.6 PPM	OK			EW-49
131	2.0 PPM	OK			EW-83
132	2.8 PPM	OK			EW-65
133	2.9 PPM	OK			EW-81
134	3.0 PPM	OK			TP-8
135	3.0 PPM	OK			EW-64
136	1.7 PPM	OK			EW-63
137	2.5 PPM	OK			EW-42
138	2.6 PPM	OK			EW-76
139	2.3 PPM	OK			TP-9

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 4, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
140	1.1 PPM	OK			EW-62
141	1.2 PPM	OK			EW-74
142	2.1 PPM	OK			EW-32R
143	1.0 PPM	OK			EW-69
144	0.9 PPM	OK			EW-71
145	1.0 PPM	OK			EW-72
146	1.5 PPM	OK			EW-70
147	2.5 PPM	OK			EW-73
148	2.7 PPM	OK			EW-78
149	2.6 PPM	OK			EW-82
150	3.9 PPM	OK			EW-36A
151	6.3 PPM	OK			EW-85
152	2.5 PPM	OK			EW-88
153	2.3 PPM	OK			EW-89
154	2.7 PPM	OK			EW-93
155	2.6 PPM	OK			EW-94
156	1.8 PPM	OK			EW-98
157	3.3 PPM	OK			EW-99
158	1.0 PPM	OK			EW-95
159	1.4 PPM	OK			EW-90
160	1.9 PPM	OK			EW-86
161	2.8 PPM	OK			EW-84
162	7.3 PPM	OK			EW-80
163	2.5 PPM	OK			EW-79
164	4.4 PPM	OK			EW-77
165	1.4 PPM	OK			EW-33B
166	79.9 PPM	OK			EW-75

Number of locations sampled: 166

Number of exceedance locations: 0

NOTES:

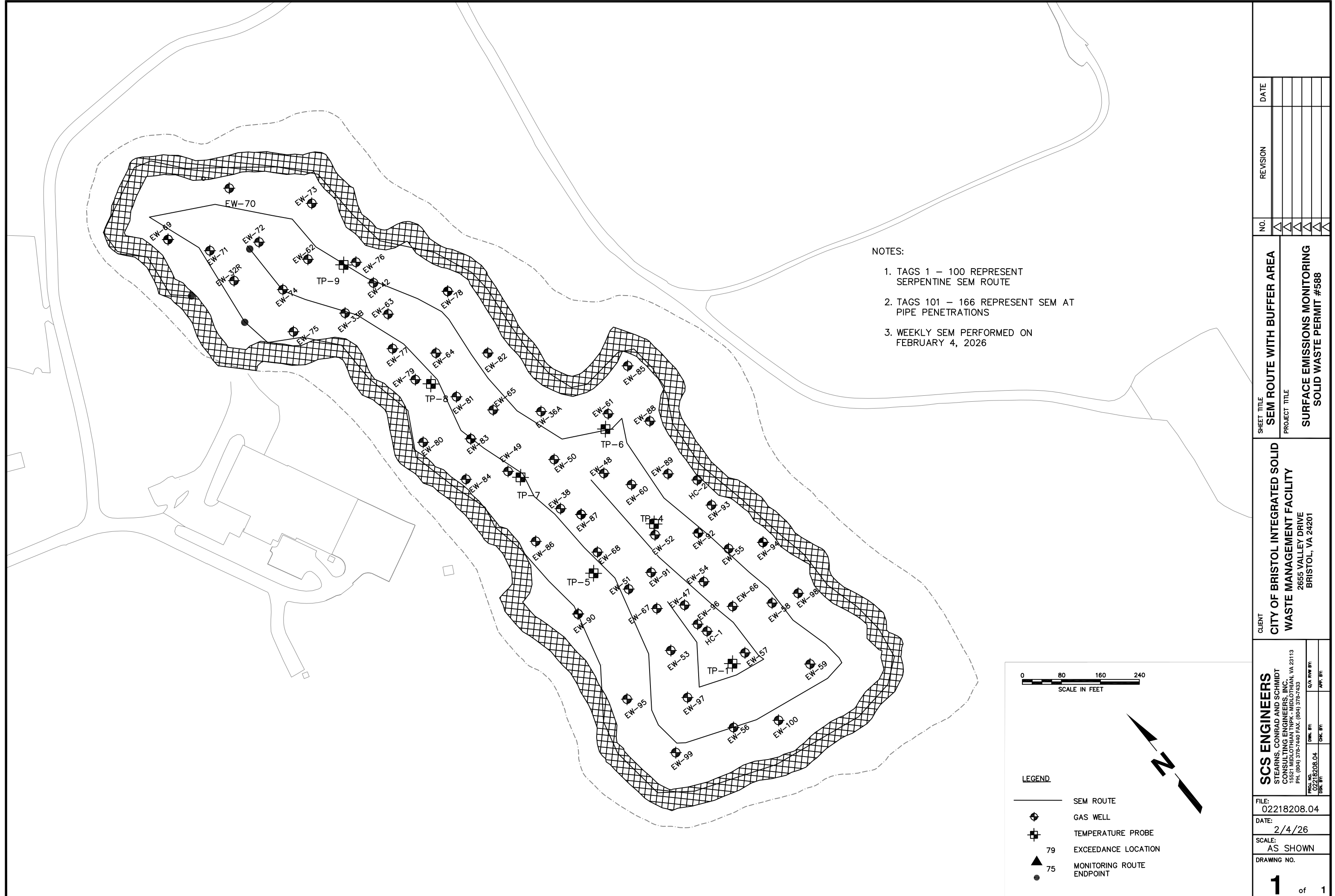
Points 1 through 100 represent serpentine SEM route.
Points 101 through 166 represent SEM at Pipe Penetrations
Weather Conditions: Overcast, 36°F Wind: 4 mph NW

Sampling Calibration: Methane - 500 ppm, Zero Air - 0.0 ppm

2/4/2026	9:29	ZERO	0.2	PPM
2/4/2026	9:32	SPAN	503.0	PPM

Background Reading:

2/4/2026	9:33	Upwind	2.4	PPM
2/4/2026	9:36	Downwind	2.5	PPM



February 18, 2026
File No. 02218208.04

Ms. Susan "Tracey" Blalock
Air Compliance Specialist
Virginia Department of Environmental Quality
SW Regional Office
355-A Deadmore Street
Abingdon, VA 24210

Subject: Weekly Surface Emissions Monitoring Event – February 13, 2026
Bristol Integrated Solid Waste Facility – Bristol, Virginia

Dear Ms. Blalock:

On behalf of the City of Bristol (City), SCS Engineers (SCS) is pleased to submit the results of the Weekly Surface Emissions Monitoring event performed at the Bristol Integrated Solid Waste Management Facility located in Bristol, Virginia on February 13, 2026. This Weekly Surface Emissions Monitoring (SEM) Event was performed in accordance with Appendix A.1.i of the Consent Decree between the Commonwealth of Virginia and the City of Bristol.

The monitoring generally conforms to the requirements of 40 CFR 63.1960(c) and (d), and 40 CFR 60.36f(c) and (d), and 40 CFR 60, Appendix A, Method 21. The landfill gas (LFG) collection system is required to operate such that the methane concentration is less than 500 ppm above background at the landfill surface.

The monitoring route includes the entire waste footprint of Permit No. 588 Landfill. Sampling was conducted with a Thermo Scientific TVA-2020 Flame Ionization Detector (FID) at 30-meter intervals and where visual observations indicated the potential for elevated concentrations of LFG, such as distressed vegetation and surface cover cracks. In addition, in accordance with 40 CFR 63.1958(d)(ii)(2) and 40 CFR 60.34f(d), monitoring was conducted at all surface cover penetrations within the waste footprint, including at the temperature probes. The approximate monitoring route and sampling locations are presented in the attached Drawing.

At the time of monitoring, all areas of the Permit No. 588 Landfill footprint are subject to regulatory monitoring based on the regulatory schedule stipulated in 40 CFR 63.1960(b) and 40 CFR 60.36f(b). Permit No. 588 Landfill has a surface area of approximately 17.3 acres. Therefore, the minimum number of sampling points to cover the appropriate portion of the landfill footprint, utilizing a 30-meter grid interval, is approximately 82 (4.75 points per acre). A summary of the results of the surface emissions monitoring is provided in Table 1.



Table 1. Summary of Surface Emissions Monitoring

Description	Quantity
Number of Points Sampled	166
Number of Points in Serpentine Route	100
Number of Points at Surface Cover Penetrations	66
Number of Exceedances	0
Number of Serpentine Exceedances	0
Number of Pipe Penetration Exceedances	0

REMONITORING OF ONGOING EXCEEDANCES

In accordance with 40 CFR 63.1960(c)(4)(ii) and 40 CFR 60.36f(c)(4)(ii), corrective actions and a remonitoring event are to be performed within 10 days of the initial exceedance. In accordance with 40 CFR 63.1960(c)(4)(iii) and 40 CFR 60.36f(c)(4)(iii) additional corrective actions and a second 10-day retest are to be performed if the initial 10-day retest indicates methane values greater than the regulatory threshold. The Facility performs corrective actions, as necessary, including wellhead vacuum adjustments, the installation of well-bore seals, and addition of soil cover prior to weekly monitoring events at locations that previously exhibited elevated methane concentrations.

In accordance with 40 CFR 63.1960(c)(4)(v) and 40 CFR 60.36f(c)(4)(v) a new well or collection device must be installed or an alternate remedy must be submitted within 120 days at locations that continue to exhibit methane concentrations above the regulatory threshold for two consecutive re-tests.

There are currently no ongoing exceedances.

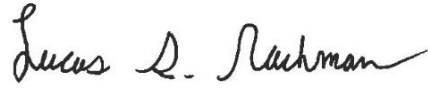
Ms. Susan "Tracey" Blalock
February 18, 2026
Page 3

If you have questions or require additional information, please contact either of the undersigned.

Sincerely,

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William J. Fabrie
Project Professional
SCS Engineers

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Lucas S. Nachman
Senior Project Professional
SCS Engineers

LSN/WJF

cc: Jonathan Hayes, City of Bristol
Laura Helander, City of Bristol

Encl. Surface Emissions Monitoring Results
Bristol SEM Route Drawing

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 13, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
1	1.7 PPM	OK			Start Serpentine Route
2	2.7 PPM	OK			
3	1.6 PPM	OK			
4	1.7 PPM	OK			
5	1.7 PPM	OK			
6	1.7 PPM	OK			
7	5.3 PPM	OK			
8	1.5 PPM	OK			
9	1.6 PPM	OK			
10	1.9 PPM	OK			
11	1.9 PPM	OK			
12	2.5 PPM	OK			
13	1.7 PPM	OK			
14	1.9 PPM	OK			
15	2.0 PPM	OK			
16	1.7 PPM	OK			
17	2.3 PPM	OK			
18	2.7 PPM	OK			
19	2.0 PPM	OK			
20	7.0 PPM	OK			
21	8.7 PPM	OK			
22	4.0 PPM	OK			
23	3.5 PPM	OK			
24	3.1 PPM	OK			
25	1.7 PPM	OK			
26	1.6 PPM	OK			
27	1.5 PPM	OK			
28	1.5 PPM	OK			
29	1.6 PPM	OK			
30	1.5 PPM	OK			
31	2.8 PPM	OK			
32	1.6 PPM	OK			
33	1.7 PPM	OK			
34	8.0 PPM	OK			
35	12.4 PPM	OK			
36	7.1 PPM	OK			
37	50.2 PPM	OK			
38	39.2 PPM	OK			
39	12.0 PPM	OK			
40	2.2 PPM	OK			
41	1.4 PPM	OK			
42	1.3 PPM	OK			
43	1.4 PPM	OK			
44	1.5 PPM	OK			
45	1.3 PPM	OK			
46	1.3 PPM	OK			
47	1.3 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 13, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
48	1.6 PPM	OK			
49	1.7 PPM	OK			
50	1.7 PPM	OK			
51	1.8 PPM	OK			
52	2.5 PPM	OK			
53	1.6 PPM	OK			
54	1.4 PPM	OK			
55	1.3 PPM	OK			
56	1.2 PPM	OK			
57	1.2 PPM	OK			
58	1.3 PPM	OK			
59	1.4 PPM	OK			
60	1.2 PPM	OK			
61	2.0 PPM	OK			
62	1.3 PPM	OK			
63	4.5 PPM	OK			
64	5.1 PPM	OK			
65	20.3 PPM	OK			
66	3.9 PPM	OK			
67	1.6 PPM	OK			
68	1.5 PPM	OK			
69	1.5 PPM	OK			
70	2.5 PPM	OK			
71	1.5 PPM	OK			
72	1.4 PPM	OK			
73	1.6 PPM	OK			
74	1.3 PPM	OK			
75	1.3 PPM	OK			
76	1.4 PPM	OK			
77	1.3 PPM	OK			
78	1.3 PPM	OK			
79	1.4 PPM	OK			
80	1.6 PPM	OK			
81	1.5 PPM	OK			
82	2.3 PPM	OK			
83	1.8 PPM	OK			
84	3.0 PPM	OK			
85	1.5 PPM	OK			
86	1.4 PPM	OK			
87	1.4 PPM	OK			
88	1.3 PPM	OK			
89	1.3 PPM	OK			
90	1.2 PPM	OK			
91	1.2 PPM	OK			
92	1.2 PPM	OK			
93	1.2 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 13, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
94	1.4 PPM	OK			
95	1.2 PPM	OK			
96	1.2 PPM	OK			
97	2.2 PPM	OK			
98	1.2 PPM	OK			
99	1.2 PPM	OK			
100	1.2 PPM	OK			End Serpentine Route
101	4.2 PPM	OK			EW-52
102	1.5 PPM	OK			TP-4
103	1.3 PPM	OK			EW-60
104	1.4 PPM	OK			EW-48
105	2.4 PPM	OK			TP-6
106	2.6 PPM	OK			EW-61
107	2.2 PPM	OK			EW-50
108	1.1 PPM	OK			EW-67
109	1.1 PPM	OK			EW-47
110	1.1 PPM	OK			EW-54
111	1.1 PPM	OK			EW-55
112	3.7 PPM	OK			EW-92
113	1.0 PPM	OK			EW-91
114	1.1 PPM	OK			EW-96
115	1.2 PPM	OK			EW-66
116	1.1 PPM	OK			EW-58
117	1.0 PPM	OK			EW-57
118	1.0 PPM	OK			TP-1
119	1.0 PPM	OK			EW-59
120	9.4 PPM	OK			EW-100
121	7.2 PPM	OK			EW-56
122	1.0 PPM	OK			EW-97
123	1.0 PPM	OK			EW-53
124	1.0 PPM	OK			EW-51
125	1.3 PPM	OK			TP-5
126	8.5 PPM	OK			EW-68
127	1.1 PPM	OK			EW-87
128	1.1 PPM	OK			EW-38
129	1.0 PPM	OK			TP-7
130	1.0 PPM	OK			EW-49
131	1.0 PPM	OK			EW-83
132	0.9 PPM	OK			EW-65
133	1.2 PPM	OK			EW-81
134	1.2 PPM	OK			TP-8
135	1.2 PPM	OK			EW-64
136	0.9 PPM	OK			EW-63
137	3.1 PPM	OK			EW-42
138	1.9 PPM	OK			EW-76
139	2.3 PPM	OK			TP-9

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 13, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
140	1.2 PPM	OK			EW-62
141	3.6 PPM	OK			EW-74
142	1.0 PPM	OK			EW-32R
143	0.9 PPM	OK			EW-69
144	1.0 PPM	OK			EW-71
145	1.0 PPM	OK			EW-72
146	0.8 PPM	OK			EW-70
147	0.8 PPM	OK			EW-73
148	5.3 PPM	OK			EW-78
149	0.8 PPM	OK			EW-82
150	0.8 PPM	OK			EW-36A
151	0.9 PPM	OK			EW-85
152	0.9 PPM	OK			EW-88
153	0.9 PPM	OK			EW-89
154	0.9 PPM	OK			EW-93
155	3.9 PPM	OK			EW-94
156	0.8 PPM	OK			EW-98
157	47.6 PPM	OK			EW-99
158	4.6 PPM	OK			EW-95
159	2.2 PPM	OK			EW-90
160	221.0 PPM	OK			EW-86
161	1.3 PPM	OK			EW-84
162	0.9 PPM	OK			EW-80
163	0.9 PPM	OK			EW-79
164	0.8 PPM	OK			EW-77
165	5.7 PPM	OK			EW-33B
166	4.3 PPM	OK			EW-75

Number of locations sampled: 166

Number of exceedance locations: 0

NOTES:

Points 1 through 100 represent serpentine SEM route.
Points 101 through 166 represent SEM at Pipe Penetrations
Weather Conditions: Partly Cloudy, 49°F Wind: 7 mph NE

Sampling Calibration: Methane - 500 ppm, Zero Air - 0.0 ppm

2/13/2026	10:04	ZERO	0.1	PPM
2/13/2026	10:06	SPAN	503.0	PPM

Background Reading:

2/13/2026	10:08	Upwind	2.2	PPM
2/13/2026	10:18	Downwind	1.8	PPM

February 25, 2026
File No. 02218208.04

Ms. Susan "Tracey" Blalock
Air Compliance Specialist
Virginia Department of Environmental Quality
SW Regional Office
355-A Deadmore Street
Abingdon, VA 24210

Subject: Weekly Surface Emissions Monitoring Event – February 17, 2026
Bristol Integrated Solid Waste Facility – Bristol, Virginia

Dear Ms. Blalock:

On behalf of the City of Bristol (City), SCS Engineers (SCS) is pleased to submit the results of the Weekly Surface Emissions Monitoring event performed at the Bristol Integrated Solid Waste Management Facility located in Bristol, Virginia on February 17, 2026. This Weekly Surface Emissions Monitoring (SEM) Event was performed in accordance with Appendix A.1.i of the Consent Decree between the Commonwealth of Virginia and the City of Bristol.

The monitoring generally conforms to the requirements of 40 CFR 63.1960(c) and (d), and 40 CFR 60.36f(c) and (d), and 40 CFR 60, Appendix A, Method 21. The landfill gas (LFG) collection system is required to operate such that the methane concentration is less than 500 ppm above background at the landfill surface.

The monitoring route includes the entire waste footprint of Permit No. 588 Landfill. Sampling was conducted with a Thermo Scientific TVA-2020 Flame Ionization Detector (FID) at 30-meter intervals and where visual observations indicated the potential for elevated concentrations of LFG, such as distressed vegetation and surface cover cracks. In addition, in accordance with 40 CFR 63.1958(d)(ii)(2) and 40 CFR 60.34f(d), monitoring was conducted at all surface cover penetrations within the waste footprint, including at the temperature probes. The approximate monitoring route and sampling locations are presented in the attached Drawing.

At the time of monitoring, all areas of the Permit No. 588 Landfill footprint are subject to regulatory monitoring based on the regulatory schedule stipulated in 40 CFR 63.1960(b) and 40 CFR 60.36f(b). Permit No. 588 Landfill has a surface area of approximately 17.3 acres. Therefore, the minimum number of sampling points to cover the appropriate portion of the landfill footprint, utilizing a 30-meter grid interval, is approximately 82 (4.75 points per acre). A summary of the results of the surface emissions monitoring is provided in Table 1.



Table 1. Summary of Surface Emissions Monitoring

Description	Quantity
Number of Points Sampled	166
Number of Points in Serpentine Route	100
Number of Points at Surface Cover Penetrations	66
Number of Exceedances	0
Number of Serpentine Exceedances	0
Number of Pipe Penetration Exceedances	0

REMONITORING OF ONGOING EXCEEDANCES

In accordance with 40 CFR 63.1960(c)(4)(ii) and 40 CFR 60.36f(c)(4)(ii), corrective actions and a remonitoring event are to be performed within 10 days of the initial exceedance. In accordance with 40 CFR 63.1960(c)(4)(iii) and 40 CFR 60.36f(c)(4)(iii) additional corrective actions and a second 10-day retest are to be performed if the initial 10-day retest indicates methane values greater than the regulatory threshold. The Facility performs corrective actions, as necessary, including wellhead vacuum adjustments, the installation of well-bore seals, and addition of soil cover prior to weekly monitoring events at locations that previously exhibited elevated methane concentrations.

In accordance with 40 CFR 63.1960(c)(4)(v) and 40 CFR 60.36f(c)(4)(v) a new well or collection device must be installed or an alternate remedy must be submitted within 120 days at locations that continue to exhibit methane concentrations above the regulatory threshold for two consecutive re-tests.

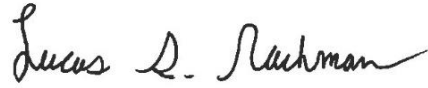
There are currently no ongoing exceedances.

If you have questions or require additional information, please contact either of the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Fabrie". The signature is written in a cursive style with a large, stylized "F".

William J. Fabrie
Project Professional
SCS Engineers

A handwritten signature in black ink, appearing to read "Lucas S. Nachman". The signature is written in a cursive style with a large, stylized "L".

Lucas S. Nachman
Senior Project Professional
SCS Engineers

LSN/WJF

cc: Jonathan Hayes, City of Bristol
Laura Helander, City of Bristol

Encl. Surface Emissions Monitoring Results
Bristol SEM Route Drawing

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 17, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
1	1.5 PPM	OK			Start Serpentine Route
2	2.3 PPM	OK			
3	1.7 PPM	OK			
4	1.6 PPM	OK			
5	1.6 PPM	OK			
6	1.8 PPM	OK			
7	1.8 PPM	OK			
8	1.8 PPM	OK			
9	2.0 PPM	OK			
10	2.9 PPM	OK			
11	2.0 PPM	OK			
12	1.4 PPM	OK			
13	1.5 PPM	OK			
14	1.4 PPM	OK			
15	1.5 PPM	OK			
16	1.4 PPM	OK			
17	2.2 PPM	OK			
18	1.8 PPM	OK			
19	1.7 PPM	OK			
20	11.4 PPM	OK			
21	6.2 PPM	OK			
22	5.5 PPM	OK			
23	27.1 PPM	OK			
24	1.4 PPM	OK			
25	1.4 PPM	OK			
26	11.6 PPM	OK			
27	1.3 PPM	OK			
28	1.3 PPM	OK			
29	1.2 PPM	OK			
30	1.3 PPM	OK			
31	1.2 PPM	OK			
32	11.8 PPM	OK			
33	38.8 PPM	OK			
34	39.3 PPM	OK			
35	206.0 PPM	OK			
36	28.9 PPM	OK			
37	33.4 PPM	OK			
38	52.7 PPM	OK			
39	11.9 PPM	OK			
40	88.4 PPM	OK			
41	6.9 PPM	OK			
42	1.2 PPM	OK			
43	1.0 PPM	OK			
44	0.9 PPM	OK			
45	0.9 PPM	OK			
46	1.2 PPM	OK			
47	1.2 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 17, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
48	1.4 PPM	OK			
49	1.7 PPM	OK			
50	2.3 PPM	OK			
51	1.5 PPM	OK			
52	2.5 PPM	OK			
53	9.3 PPM	OK			
54	2.0 PPM	OK			
55	1.9 PPM	OK			
56	5.2 PPM	OK			
57	1.4 PPM	OK			
58	1.0 PPM	OK			
59	0.9 PPM	OK			
60	0.8 PPM	OK			
61	0.8 PPM	OK			
62	0.8 PPM	OK			
63	1.9 PPM	OK			
64	1.6 PPM	OK			
65	4.9 PPM	OK			
66	31.0 PPM	OK			
67	21.9 PPM	OK			
68	0.9 PPM	OK			
69	0.9 PPM	OK			
70	1.4 PPM	OK			
71	1.1 PPM	OK			
72	1.3 PPM	OK			
73	1.3 PPM	OK			
74	3.8 PPM	OK			
75	1.0 PPM	OK			
76	1.0 PPM	OK			
77	0.9 PPM	OK			
78	0.8 PPM	OK			
79	1.1 PPM	OK			
80	0.7 PPM	OK			
81	0.7 PPM	OK			
82	0.7 PPM	OK			
83	0.7 PPM	OK			
84	0.7 PPM	OK			
85	9.3 PPM	OK			
86	0.9 PPM	OK			
87	0.8 PPM	OK			
88	0.8 PPM	OK			
89	0.8 PPM	OK			
90	0.7 PPM	OK			
91	0.8 PPM	OK			
92	0.8 PPM	OK			
93	0.7 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 17, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
94	0.6 PPM	OK			
95	0.6 PPM	OK			
96	0.6 PPM	OK			
97	0.7 PPM	OK			
98	0.7 PPM	OK			
99	1.1 PPM	OK			
100	0.8 PPM	OK			End Serpentine Route
101	21.5 PPM	OK			EW-52
102	1.9 PPM	OK			TP-4
103	0.6 PPM	OK			EW-60
104	0.5 PPM	OK			EW-48
105	15.1 PPM	OK			TP-6
106	0.7 PPM	OK			EW-61
107	0.6 PPM	OK			EW-50
108	0.5 PPM	OK			EW-67
109	0.5 PPM	OK			EW-47
110	0.5 PPM	OK			EW-54
111	0.5 PPM	OK			EW-55
112	1.5 PPM	OK			EW-92
113	3.7 PPM	OK			EW-91
114	0.7 PPM	OK			EW-96
115	0.7 PPM	OK			EW-66
116	0.6 PPM	OK			EW-58
117	0.4 PPM	OK			EW-57
118	0.6 PPM	OK			TP-1
119	0.8 PPM	OK			EW-59
120	5.2 PPM	OK			EW-100
121	3.1 PPM	OK			EW-56
122	0.6 PPM	OK			EW-97
123	0.7 PPM	OK			EW-53
124	1.9 PPM	OK			EW-51
125	0.4 PPM	OK			TP-5
126	0.3 PPM	OK			EW-68
127	0.3 PPM	OK			EW-87
128	0.3 PPM	OK			EW-38
129	0.2 PPM	OK			TP-7
130	0.1 PPM	OK			EW-49
131	0.2 PPM	OK			EW-83
132	0.4 PPM	OK			EW-65
133	0.1 PPM	OK			EW-81
134	0.1 PPM	OK			TP-8
135	0.5 PPM	OK			EW-64
136	3.6 PPM	OK			EW-63
137	2.6 PPM	OK			EW-42
138	63.1 PPM	OK			EW-76
139	0.2 PPM	OK			TP-9

**EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 17, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA**

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
140	0.1 PPM	OK			EW-62
141	1.1 PPM	OK			EW-74
142	0.0 PPM	OK			EW-32R
143	0.0 PPM	OK			EW-69
144	0.8 PPM	OK			EW-71
145	0.2 PPM	OK			EW-72
146	0.2 PPM	OK			EW-70
147	0.0 PPM	OK			EW-73
148	0.9 PPM	OK			EW-78
149	7.2 PPM	OK			EW-82
150	0.6 PPM	OK			EW-36A
151	0.7 PPM	OK			EW-85
152	0.0 PPM	OK			EW-88
153	1.2 PPM	OK			EW-89
154	7.8 PPM	OK			EW-93
155	0.0 PPM	OK			EW-94
156	0.0 PPM	OK			EW-98
157	0.3 PPM	OK			EW-99
158	0.6 PPM	OK			EW-95
159	29.7 PPM	OK			EW-90
160	0.0 PPM	OK			EW-86
161	1.4 PPM	OK			EW-84
162	0.4 PPM	OK			EW-80
163	0.0 PPM	OK			EW-79
164	0.0 PPM	OK			EW-77
165	0.8 PPM	OK			EW-33B
166	10.2 PPM	OK			EW-75

Number of locations sampled:	166
Number of exceedance locations:	0

NOTES:

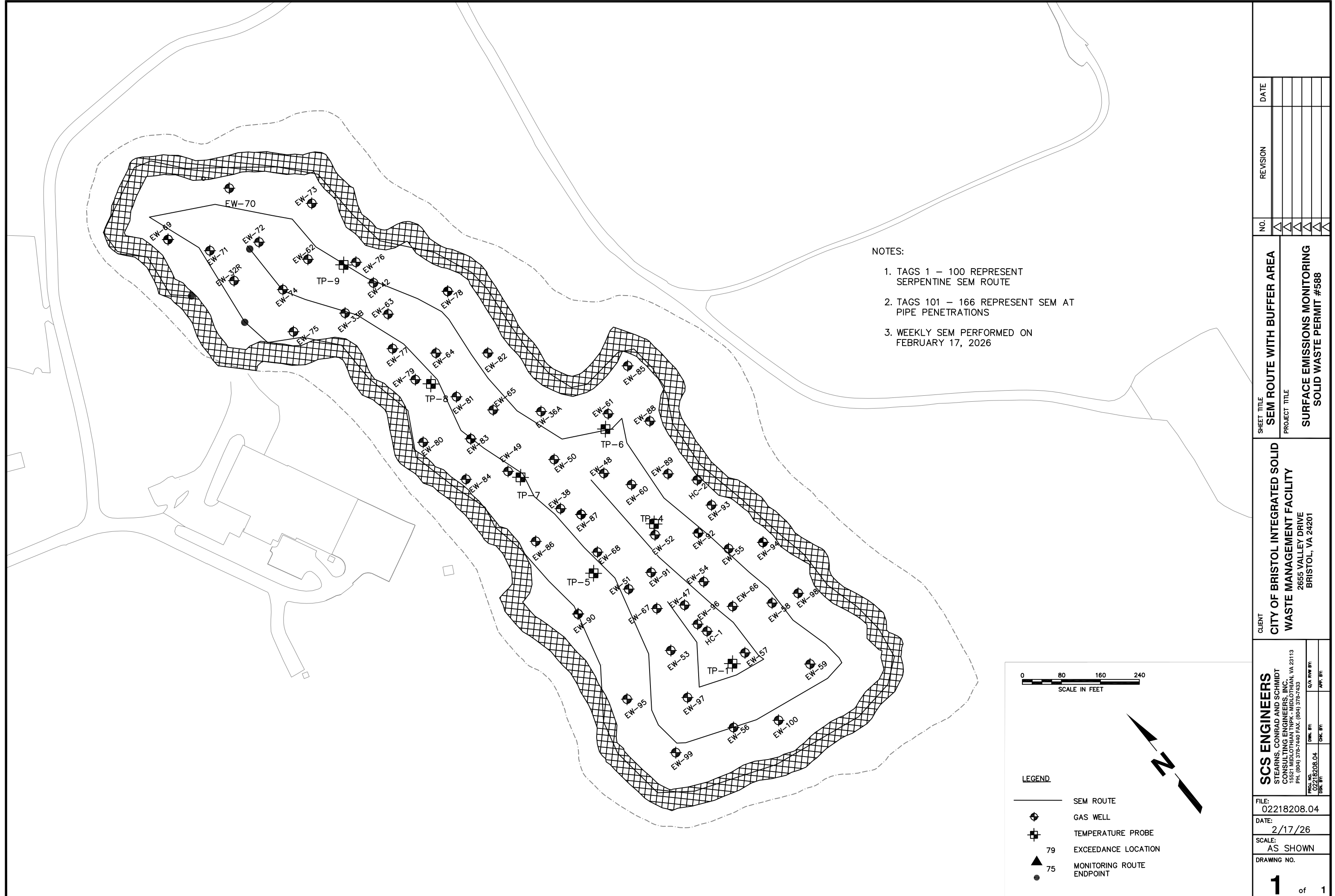
Points 1 through 100 represent serpentine SEM route.
Points 101 through 166 represent SEM at Pipe Penetrations
Weather Conditions: Partly Cloudy, 58°F Wind: 10 mph NW

Sampling Calibration: Methane - 500 ppm, Zero Air - 0.0 ppm

2/17/2026	11:06	ZERO	0.1	PPM
2/17/2026	11:07	SPAN	502.0	PPM

Background Reading:

2/17/2026	11:08	Upwind	2.3	PPM
2/17/2026	11:15	Downwind	1.6	PPM



March 4, 2026
File No. 02218208.04

Ms. Susan "Tracey" Blalock
Air Compliance Specialist
Virginia Department of Environmental Quality
SW Regional Office
355-A Deadmore Street
Abingdon, VA 24210

Subject: Weekly Surface Emissions Monitoring Event – February 24, 2026
Bristol Integrated Solid Waste Facility – Bristol, Virginia

Dear Ms. Blalock:

On behalf of the City of Bristol (City), SCS Engineers (SCS) is pleased to submit the results of the Weekly Surface Emissions Monitoring event performed at the Bristol Integrated Solid Waste Management Facility located in Bristol, Virginia on February 24, 2026. This Weekly Surface Emissions Monitoring (SEM) Event was performed in accordance with Appendix A.1.i of the Consent Decree between the Commonwealth of Virginia and the City of Bristol.

The monitoring generally conforms to the requirements of 40 CFR 63.1960(c) and (d), and 40 CFR 60.36f(c) and (d), and 40 CFR 60, Appendix A, Method 21. The landfill gas (LFG) collection system is required to operate such that the methane concentration is less than 500 ppm above background at the landfill surface.

The monitoring route includes the entire waste footprint of Permit No. 588 Landfill. Sampling was conducted with a Thermo Scientific TVA-2020 Flame Ionization Detector (FID) at 30-meter intervals and where visual observations indicated the potential for elevated concentrations of LFG, such as distressed vegetation and surface cover cracks. In addition, in accordance with 40 CFR 63.1958(d)(ii)(2) and 40 CFR 60.34f(d), monitoring was conducted at all surface cover penetrations within the waste footprint, including at the temperature probes. The approximate monitoring route and sampling locations are presented in the attached Drawing.

At the time of monitoring, all areas of the Permit No. 588 Landfill footprint are subject to regulatory monitoring based on the regulatory schedule stipulated in 40 CFR 63.1960(b) and 40 CFR 60.36f(b). Permit No. 588 Landfill has a surface area of approximately 17.3 acres. Therefore, the minimum number of sampling points to cover the appropriate portion of the landfill footprint, utilizing a 30-meter grid interval, is approximately 82 (4.75 points per acre). A summary of the results of the surface emissions monitoring is provided in Table 1.



Table 1. Summary of Surface Emissions Monitoring

Description	Quantity
Number of Points Sampled	166
Number of Points in Serpentine Route	100
Number of Points at Surface Cover Penetrations	66
Number of Exceedances	0
Number of Serpentine Exceedances	0
Number of Pipe Penetration Exceedances	0

REMONITORING OF ONGOING EXCEEDANCES

In accordance with 40 CFR 63.1960(c)(4)(ii) and 40 CFR 60.36f(c)(4)(ii), corrective actions and a remonitoring event are to be performed within 10 days of the initial exceedance. In accordance with 40 CFR 63.1960(c)(4)(iii) and 40 CFR 60.36f(c)(4)(iii) additional corrective actions and a second 10-day retest are to be performed if the initial 10-day retest indicates methane values greater than the regulatory threshold. The Facility performs corrective actions, as necessary, including wellhead vacuum adjustments, the installation of well-bore seals, and addition of soil cover prior to weekly monitoring events at locations that previously exhibited elevated methane concentrations.

In accordance with 40 CFR 63.1960(c)(4)(v) and 40 CFR 60.36f(c)(4)(v) a new well or collection device must be installed or an alternate remedy must be submitted within 120 days at locations that continue to exhibit methane concentrations above the regulatory threshold for two consecutive re-tests.

There are currently no ongoing exceedances.

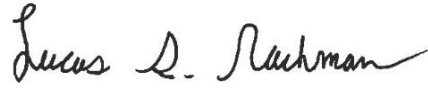
Ms. Susan "Tracey" Blalock
March 4, 2026
Page 3

If you have questions or require additional information, please contact either of the undersigned.

Sincerely,



Wylie R Hicklin
Staff Professional
SCS Engineers



Lucas S. Nachman
Senior Project Professional
SCS Engineers

LSN/WRH

cc: Jonathan Hayes, City of Bristol
Laura Helander, City of Bristol

Encl. Surface Emissions Monitoring Results
Bristol SEM Route Drawing

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 24, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
1	3.3 PPM	OK			Start Serpentine Route
2	2.7 PPM	OK			
3	2.1 PPM	OK			
4	2.6 PPM	OK			
5	2.5 PPM	OK			
6	2.2 PPM	OK			
7	2.3 PPM	OK			
8	2.1 PPM	OK			
9	2.2 PPM	OK			
10	2.1 PPM	OK			
11	2.1 PPM	OK			
12	2.4 PPM	OK			
13	2.3 PPM	OK			
14	2.2 PPM	OK			
15	2.3 PPM	OK			
16	2.3 PPM	OK			
17	2.2 PPM	OK			
18	2.7 PPM	OK			
19	2.6 PPM	OK			
20	2.0 PPM	OK			
21	2.1 PPM	OK			
22	2.1 PPM	OK			
23	2.4 PPM	OK			
24	2.1 PPM	OK			
25	2.4 PPM	OK			
26	2.5 PPM	OK			
27	2.5 PPM	OK			
28	2.2 PPM	OK			
29	8.0 PPM	OK			
30	4.0 PPM	OK			
31	6.1 PPM	OK			
32	2.7 PPM	OK			
33	2.9 PPM	OK			
34	7.3 PPM	OK			
35	4.2 PPM	OK			
36	2.5 PPM	OK			
37	21.4 PPM	OK			
38	2.7 PPM	OK			
39	2.1 PPM	OK			
40	2.1 PPM	OK			
41	2.4 PPM	OK			
42	2.2 PPM	OK			
43	3.3 PPM	OK			
44	2.3 PPM	OK			
45	2.7 PPM	OK			
46	2.6 PPM	OK			
47	2.2 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 24, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
48	3.1 PPM	OK			
49	2.7 PPM	OK			
50	2.5 PPM	OK			
51	1.9 PPM	OK			
52	2.2 PPM	OK			
53	3.1 PPM	OK			
54	2.8 PPM	OK			
55	3.3 PPM	OK			
56	3.3 PPM	OK			
57	2.3 PPM	OK			
58	4.9 PPM	OK			
59	2.5 PPM	OK			
60	2.1 PPM	OK			
61	2.4 PPM	OK			
62	2.1 PPM	OK			
63	10.1 PPM	OK			
64	8.7 PPM	OK			
65	2.2 PPM	OK			
66	2.3 PPM	OK			
67	2.3 PPM	OK			
68	1.9 PPM	OK			
69	1.8 PPM	OK			
70	2.6 PPM	OK			
71	2.4 PPM	OK			
72	2.7 PPM	OK			
73	1.8 PPM	OK			
74	5.1 PPM	OK			
75	2.2 PPM	OK			
76	1.8 PPM	OK			
77	1.9 PPM	OK			
78	1.8 PPM	OK			
79	1.8 PPM	OK			
80	1.7 PPM	OK			
81	1.7 PPM	OK			
82	1.7 PPM	OK			
83	1.8 PPM	OK			
84	1.8 PPM	OK			
85	1.8 PPM	OK			
86	2.1 PPM	OK			
87	1.9 PPM	OK			
88	2.0 PPM	OK			
89	2.7 PPM	OK			
90	1.9 PPM	OK			
91	1.9 PPM	OK			
92	2.1 PPM	OK			
93	1.7 PPM	OK			

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 24, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
94	1.7 PPM	OK			
95	1.7 PPM	OK			
96	1.7 PPM	OK			
97	1.7 PPM	OK			
98	1.7 PPM	OK			
99	1.7 PPM	OK			
100	1.9 PPM	OK			End Serpentine Route
101	118.0 PPM	OK			EW-52
102	2.0 PPM	OK			TP-4
103	2.3 PPM	OK			EW-60
104	2.1 PPM	OK			EW-48
105	17.7 PPM	OK			TP-6
106	1.8 PPM	OK			EW-61
107	1.9 PPM	OK			EW-50
108	2.2 PPM	OK			EW-67
109	2.0 PPM	OK			EW-47
110	1.9 PPM	OK			EW-54
111	1.9 PPM	OK			EW-55
112	2.0 PPM	OK			EW-92
113	4.9 PPM	OK			EW-91
114	2.0 PPM	OK			EW-96
115	2.0 PPM	OK			EW-66
116	1.8 PPM	OK			EW-58
117	1.9 PPM	OK			EW-57
118	2.0 PPM	OK			TP-1
119	1.9 PPM	OK			EW-59
120	3.6 PPM	OK			EW-100
121	3.0 PPM	OK			EW-56
122	2.1 PPM	OK			EW-97
123	2.0 PPM	OK			EW-53
124	3.6 PPM	OK			EW-51
125	1.7 PPM	OK			TP-5
126	5.0 PPM	OK			EW-68
127	1.8 PPM	OK			EW-87
128	1.8 PPM	OK			EW-38
129	1.8 PPM	OK			TP-7
130	2.1 PPM	OK			EW-49
131	2.0 PPM	OK			EW-83
132	2.3 PPM	OK			EW-65
133	1.8 PPM	OK			EW-81
134	2.2 PPM	OK			TP-8
135	2.0 PPM	OK			EW-64
136	2.1 PPM	OK			EW-63
137	6.0 PPM	OK			EW-42
138	312.0 PPM	OK			EW-76
139	2.0 PPM	OK			TP-9

EXHIBIT 1. SURFACE EMISSIONS MONITORING RESULTS
WEEKLY MONITORING EVENT - FEBRUARY 24, 2026
BRISTOL INTEGRATED SOLID WASTE FACILITY - BRISTOL, VIRGINIA

ID #	Methane Concentration	Compliance	GPS Coordinates		Comments
			Lat.	Long.	
140	1.9 PPM	OK			EW-62
141	2.1 PPM	OK			EW-74
142	2.1 PPM	OK			EW-32R
143	1.9 PPM	OK			EW-69
144	2.2 PPM	OK			EW-71
145	1.9 PPM	OK			EW-72
146	2.2 PPM	OK			EW-70
147	2.0 PPM	OK			EW-73
148	1.8 PPM	OK			EW-78
149	2.0 PPM	OK			EW-82
150	1.9 PPM	OK			EW-36A
151	1.8 PPM	OK			EW-85
152	2.0 PPM	OK			EW-88
153	2.5 PPM	OK			EW-89
154	2.7 PPM	OK			EW-93
155	3.0 PPM	OK			EW-94
156	1.8 PPM	OK			EW-98
157	2.6 PPM	OK			EW-99
158	2.1 PPM	OK			EW-95
159	4.6 PPM	OK			EW-90
160	2.3 PPM	OK			EW-86
161	4.1 PPM	OK			EW-84
162	3.6 PPM	OK			EW-80
163	1.8 PPM	OK			EW-79
164	1.8 PPM	OK			EW-77
165	2.3 PPM	OK			EW-33B
166	44.8 PPM	OK			EW-75

Number of locations sampled: 166

Number of exceedance locations: 0

NOTES:

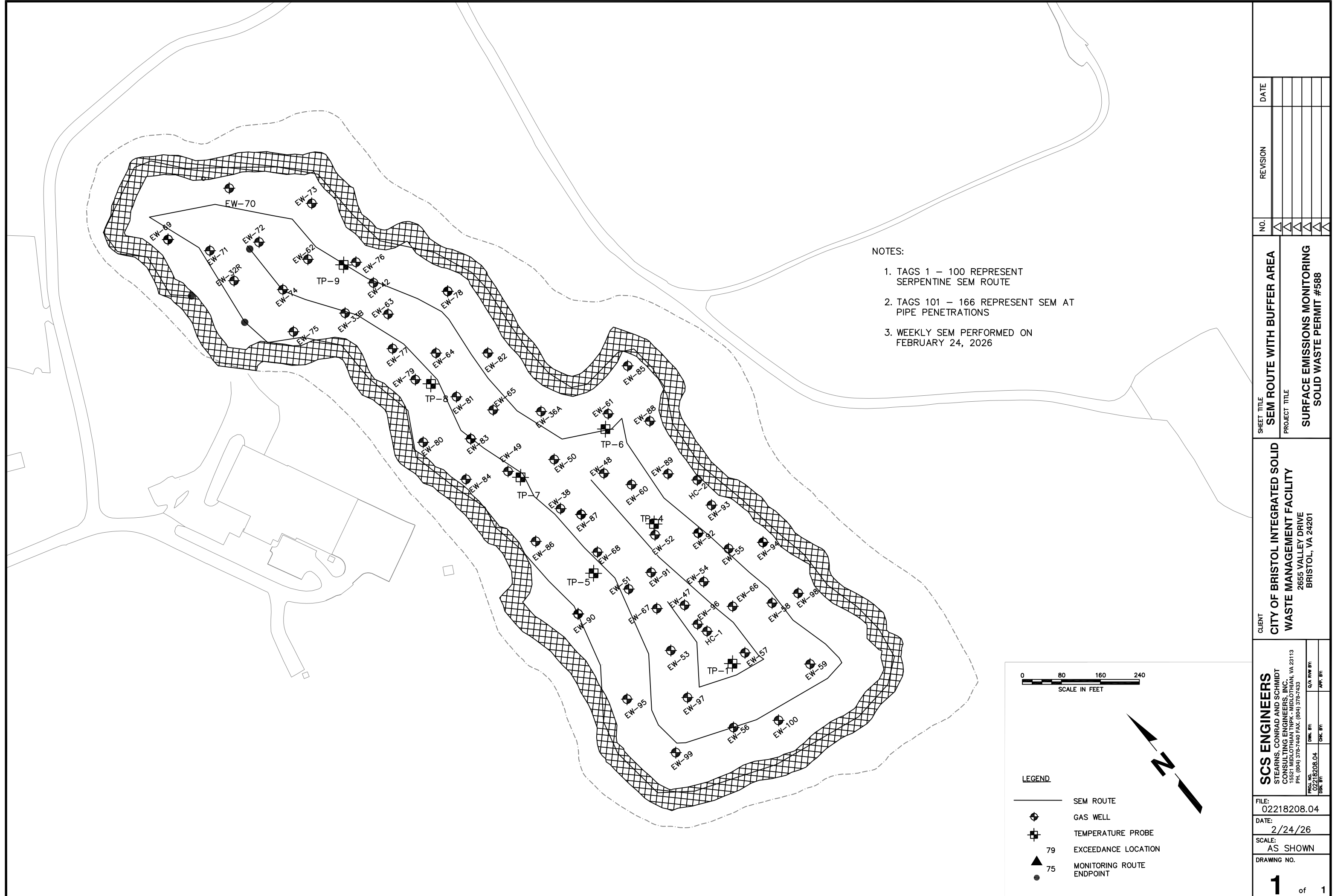
Points 1 through 100 represent serpentine SEM route.
Points 101 through 166 represent SEM at Pipe Penetrations
Weather Conditions: Overcast, 23°F Wind: 11 mph WSW

Sampling Calibration: Methane - 500 ppm, Zero Air - 0.0 ppm

2/24/2026	10:59	ZERO	0.0	PPM
2/24/2026	11:00	SPAN	500.0	PPM

Background Reading:

2/24/2026	11:02	Upwind	2.0	PPM
2/24/2026	11:10	Downwind	2.0	PPM



Appendix B

In-Waste Temperatures on Select Days in January

Appendix B Figures

Figure B - 1 Average Temperatures Recorded by TP-1 on February 4, 2026	3
Figure B - 2 Average Temperatures Recorded by TP-1 on February 11, 2026	3
Figure B - 3 Average Temperatures Recorded by TP-1 on February 18, 2026	4
Figure B - 4 Average Temperatures Recorded by TP-1 on February 25, 2026	4
Figure B - 5 Average Temperatures Recorded by TP-5 on February 4, 2026	5
Figure B - 6 Average Temperatures Recorded by TP-5 on February 11, 2026	5
Figure B - 7 Average Temperatures Recorded by TP-5 on February 18, 2026	6
Figure B - 8 Average Temperatures Recorded by TP-5 on February 25, 2026	6
Figure B - 9 Average Temperatures Recorded by TP-6 on February 4, 2026	7
Figure B - 10 Average Temperatures Recorded by TP-6 on February 11, 2026	7
Figure B - 11 Average Temperatures Recorded by TP-6 on February 18, 2026	8
Figure B - 12 Average Temperatures Recorded by TP-6 on February 25, 2026	8
Figure B - 13 Average Temperatures Recorded by TP-8 on February 4, 2026	9
Figure B - 14 Average Temperatures Recorded by TP-8 on February 11, 2026	9
Figure B - 15 Average Temperatures Recorded by TP-8 on February 18, 2026	10
Figure B - 16 Average Temperatures Recorded by TP-8 on February 25, 2026	10
Figure B - 17 Average Temperatures Recorded by TP-9 on February 4, 2026	11
Figure B - 18 Average Temperatures Recorded by TP-9 on February 11, 2026	11
Figure B - 19 Average Temperatures Recorded by TP-9 on February 18, 2026	12
Figure B - 20 Average Temperatures Recorded by TP-9 on February 25, 2026	12

Figure B - 1 Average Temperatures Recorded by TP-1 on February 4, 2026

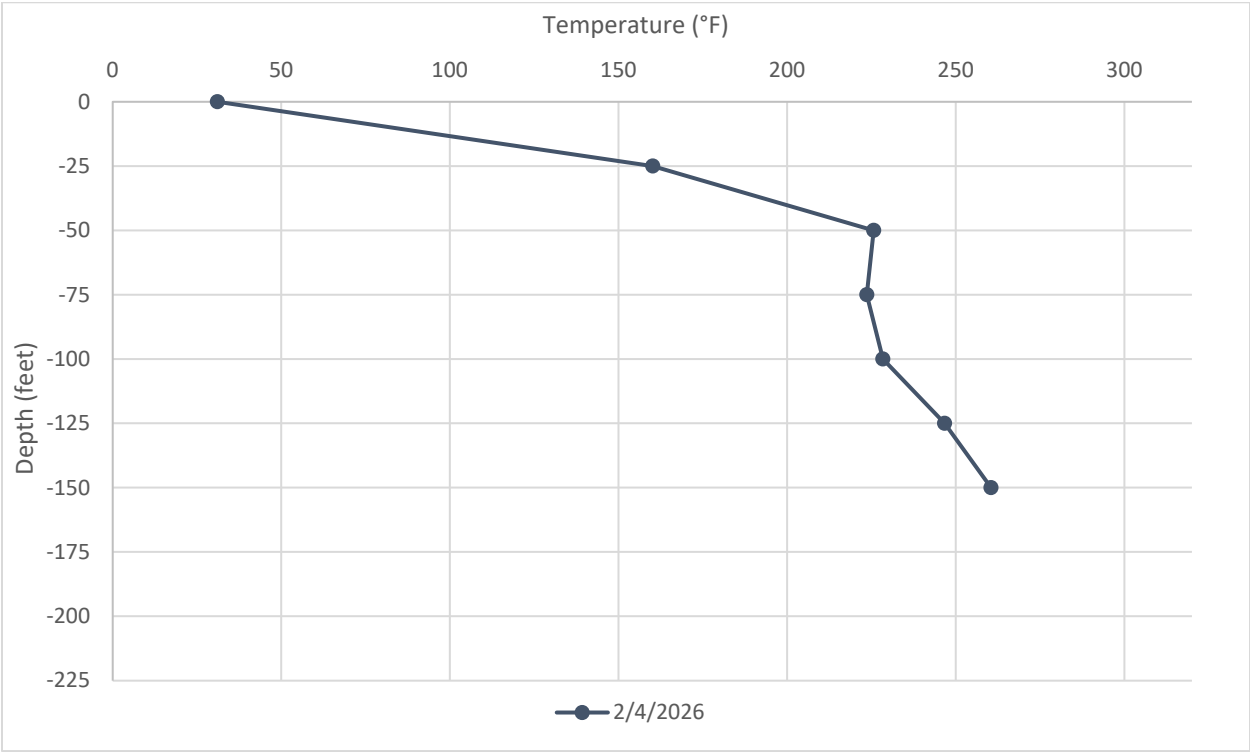


Figure B - 2 Average Temperatures Recorded by TP-1 on February 11, 2026

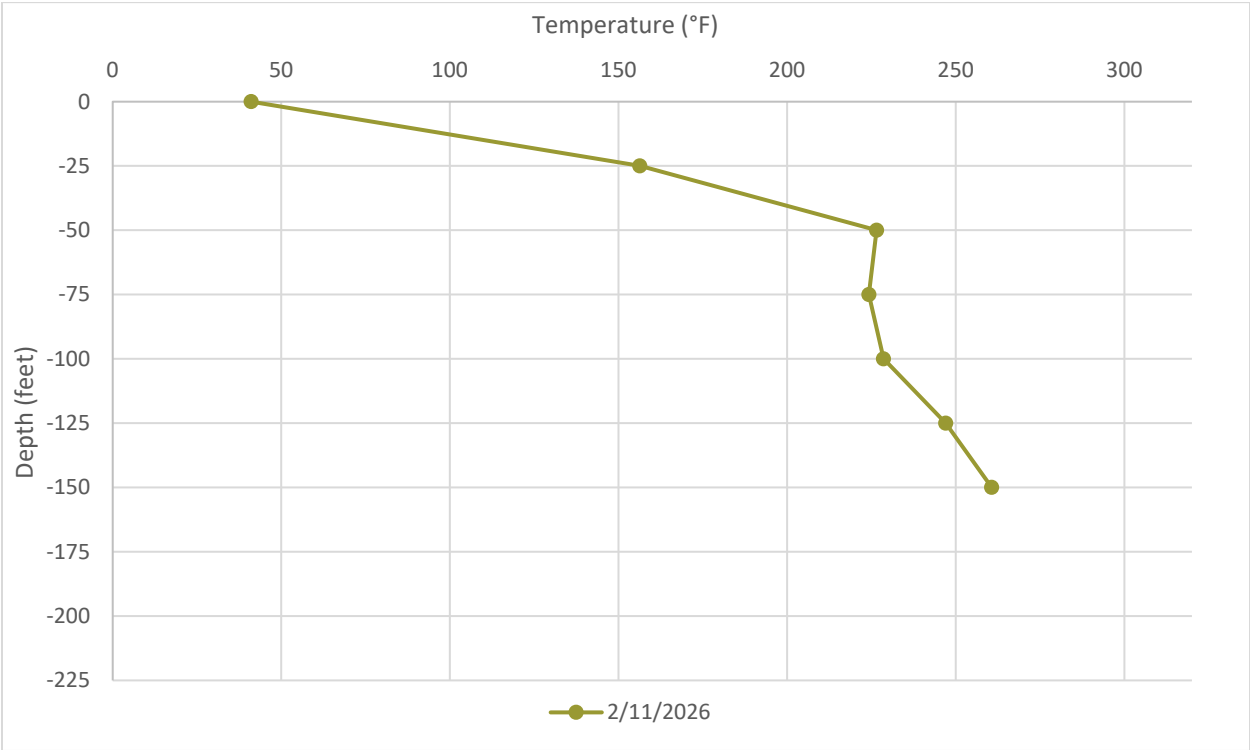


Figure B - 3 Average Temperatures Recorded by TP-1 on February 18, 2026

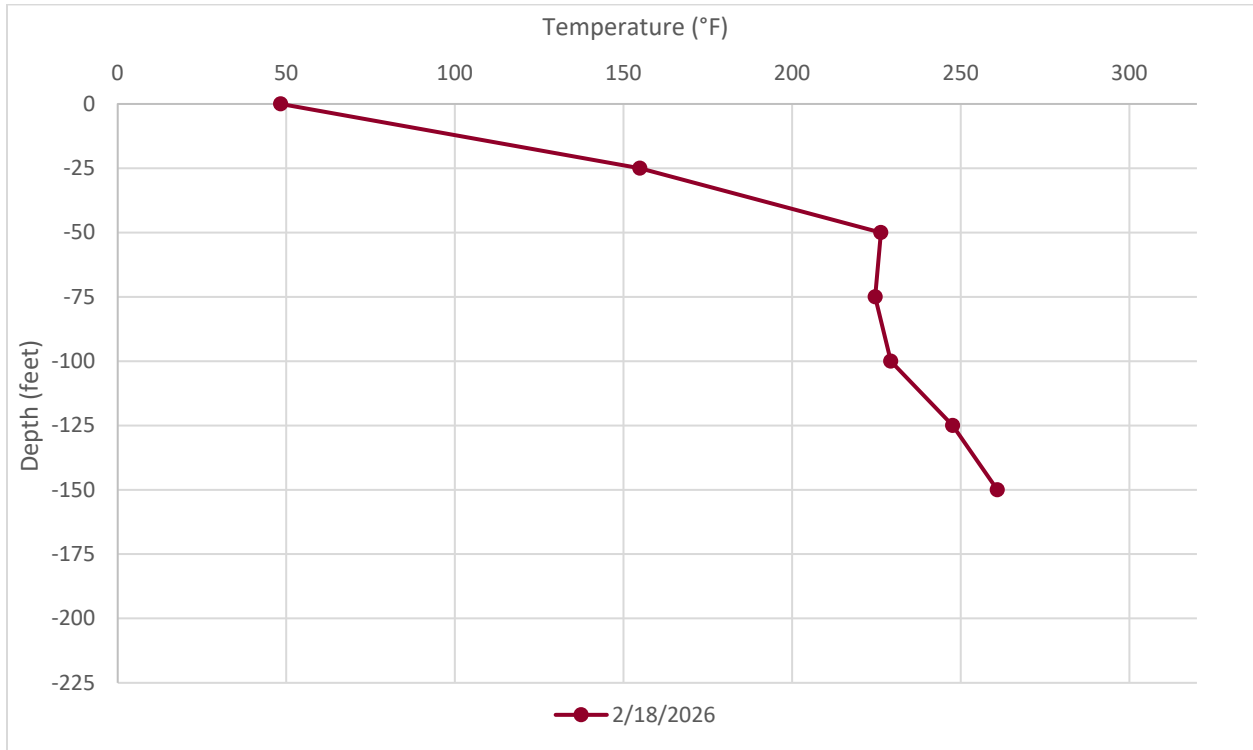


Figure B - 4 Average Temperatures Recorded by TP-1 on February 25, 2026

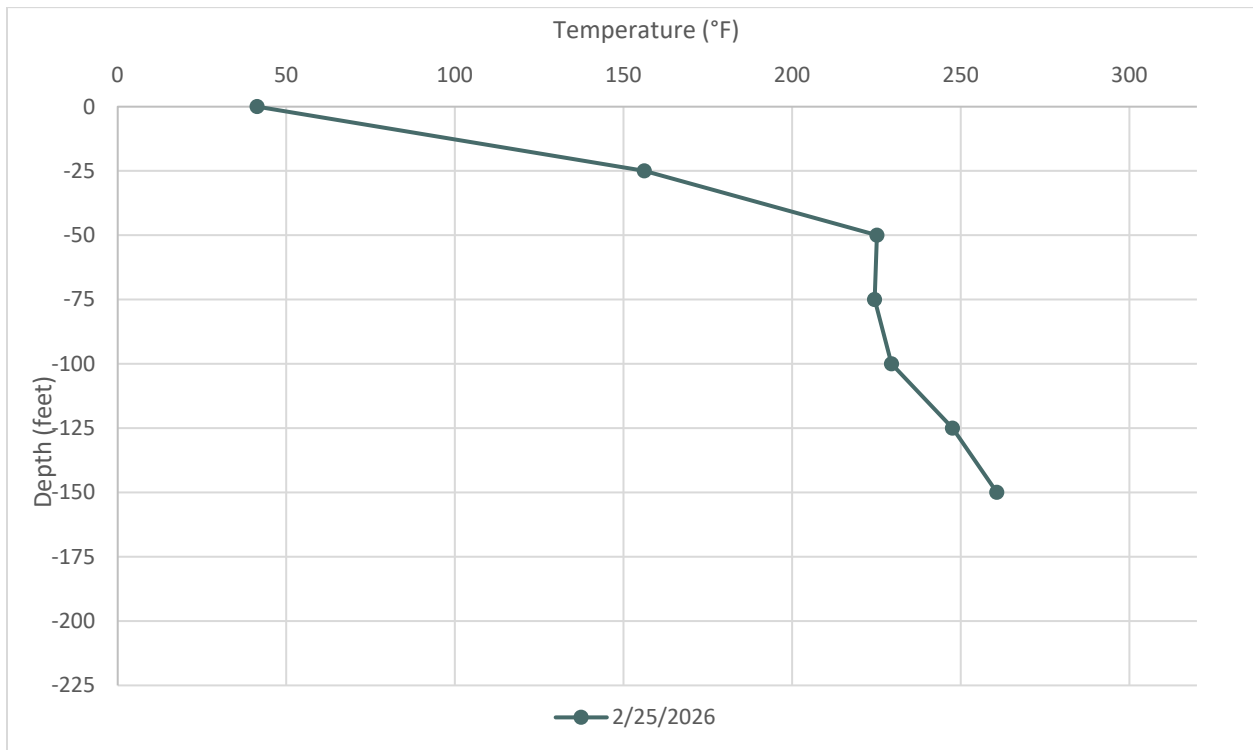


Figure B - 5 Average Temperatures Recorded by TP-5 on February 4, 2026

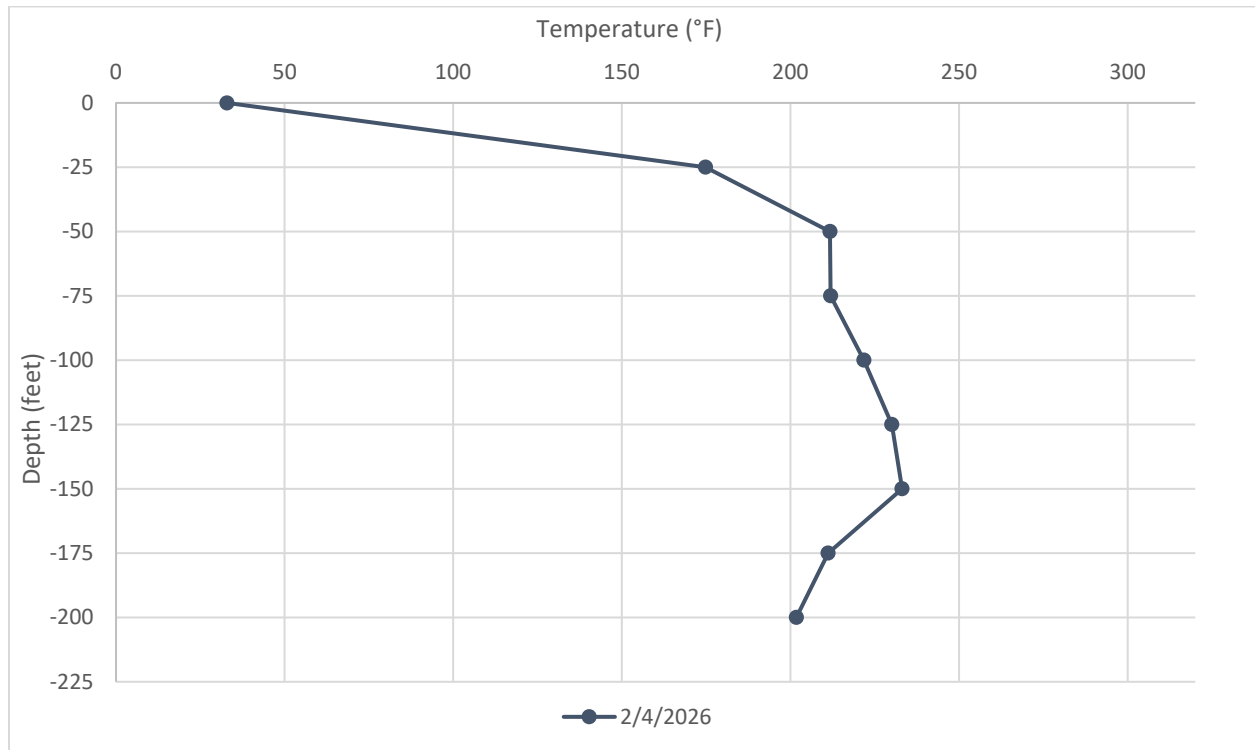


Figure B - 6 Average Temperatures Recorded by TP-5 on February 11, 2026

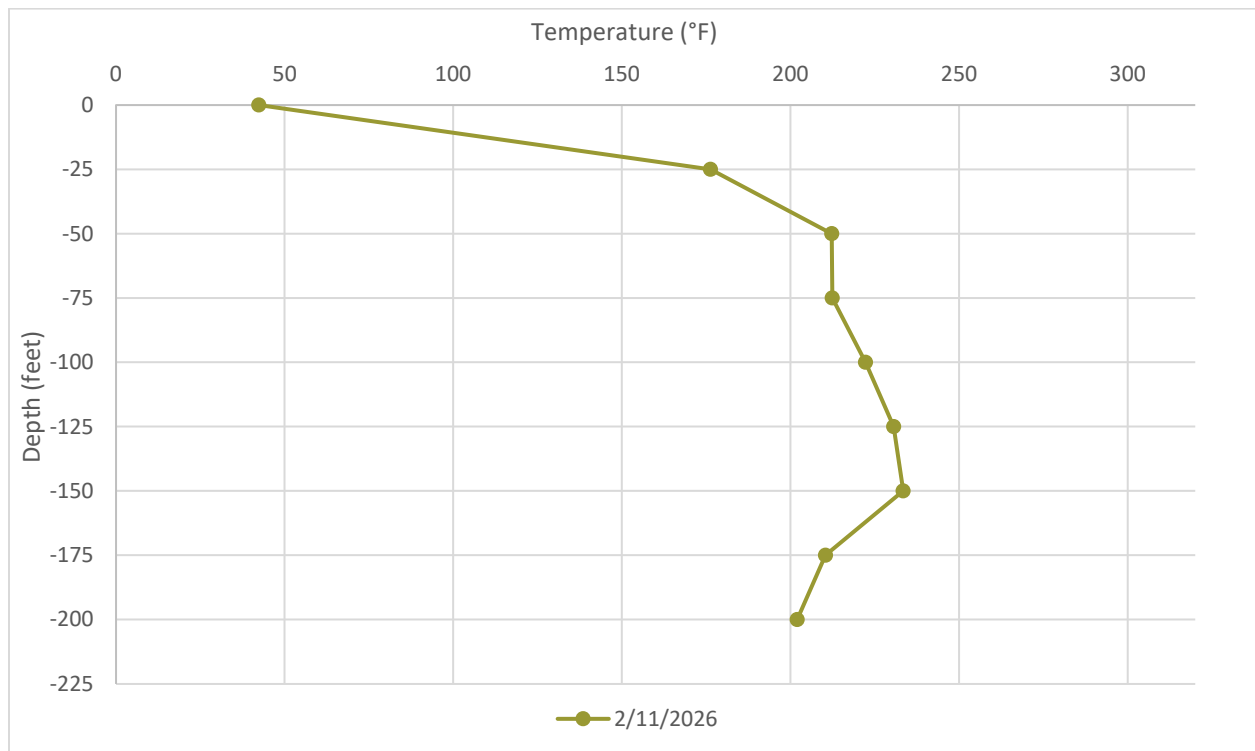


Figure B - 7 Average Temperatures Recorded by TP-5 on February 18, 2026

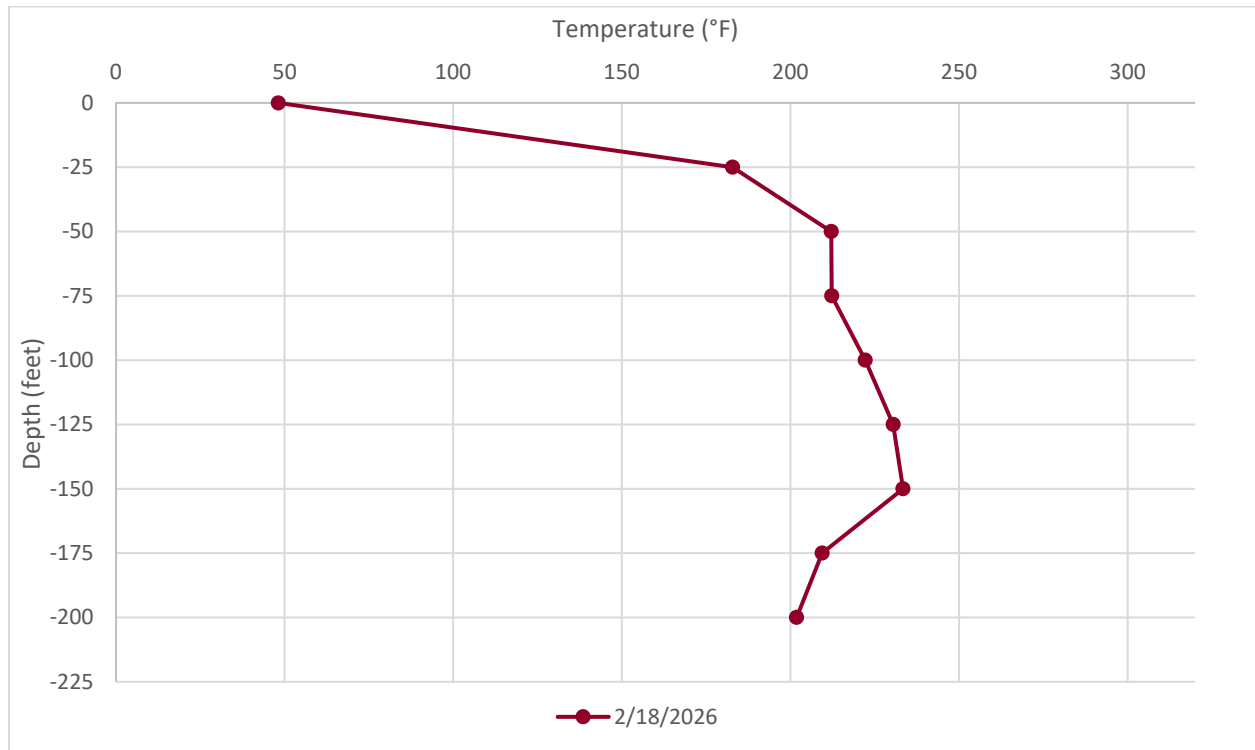


Figure B - 8 Average Temperatures Recorded by TP-5 on February 25, 2026

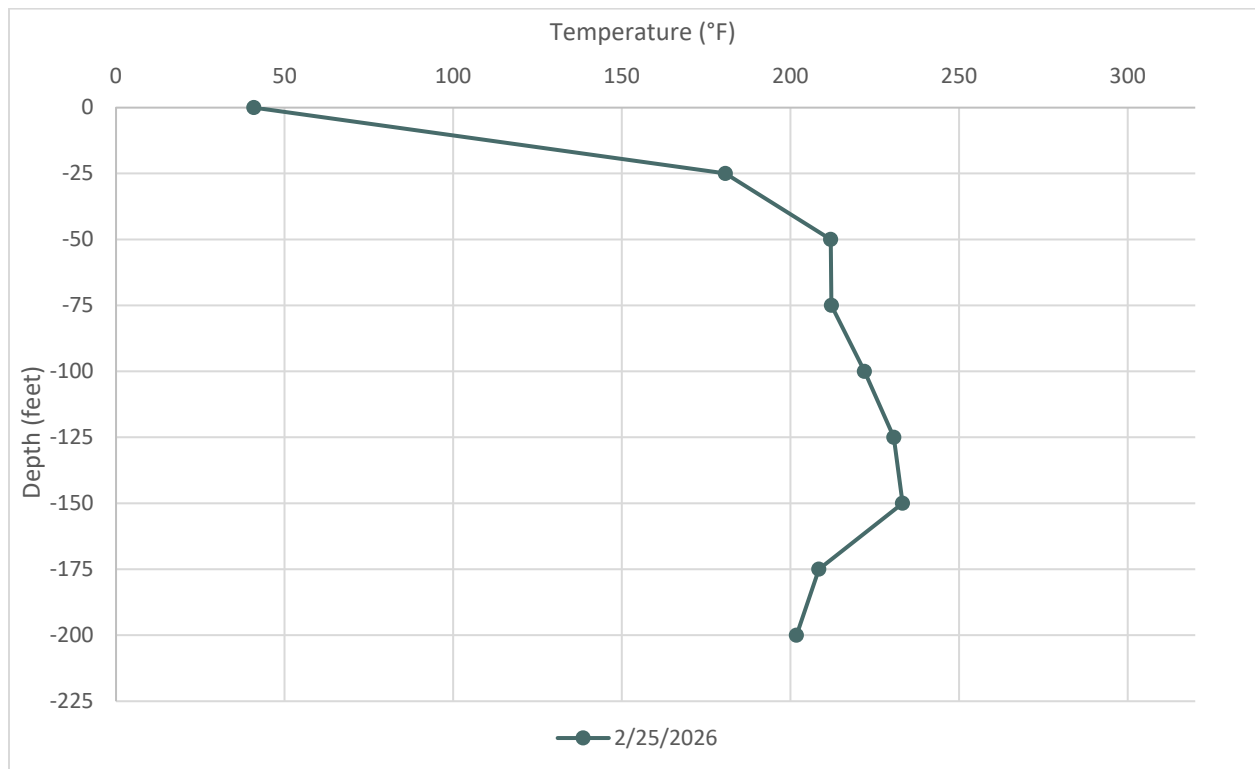


Figure B - 9 Average Temperatures Recorded by TP-6 on February 4, 2026

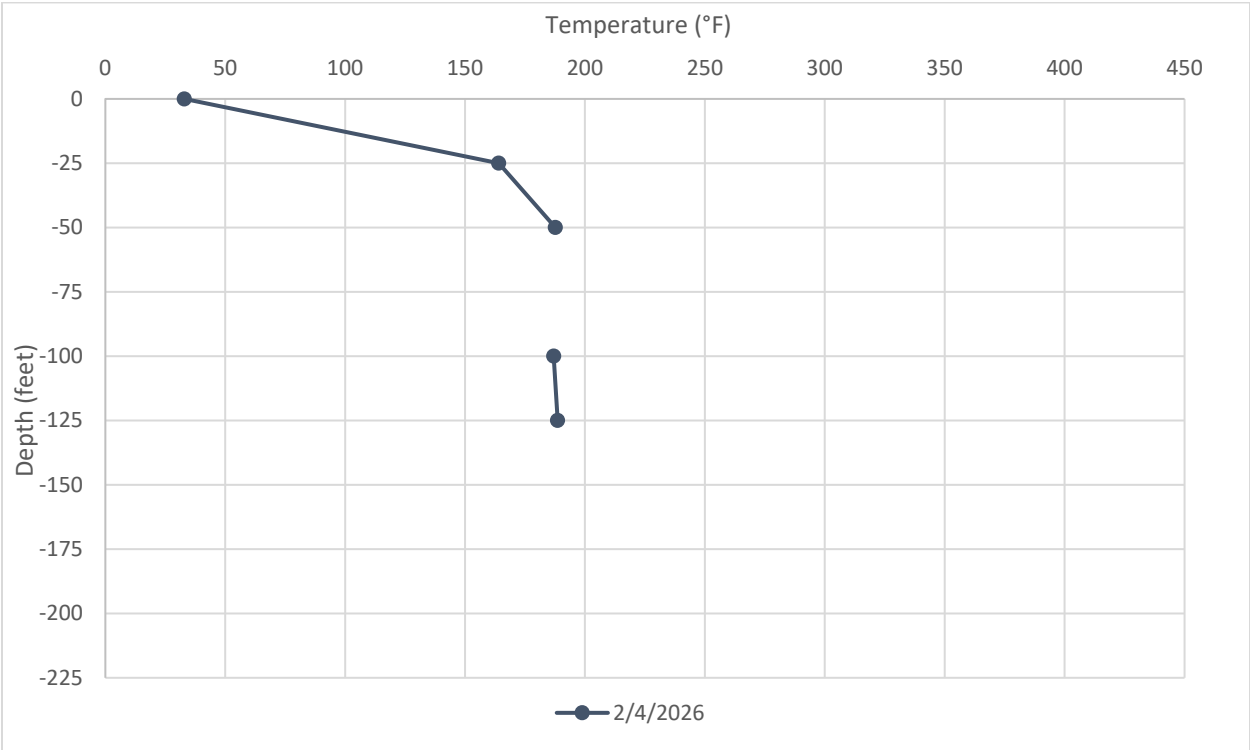


Figure B - 10 Average Temperatures Recorded by TP-6 on February 11, 2026

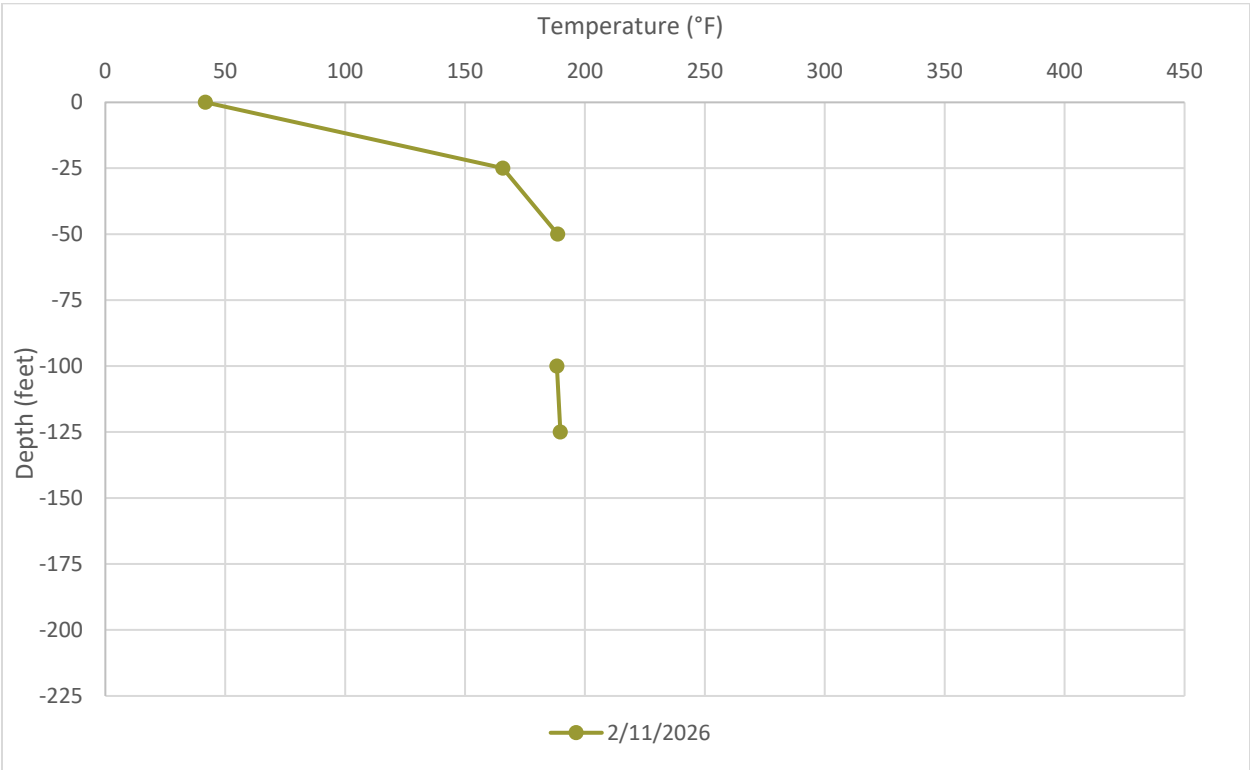


Figure B - 11 Average Temperatures Recorded by TP-6 on February 18, 2026

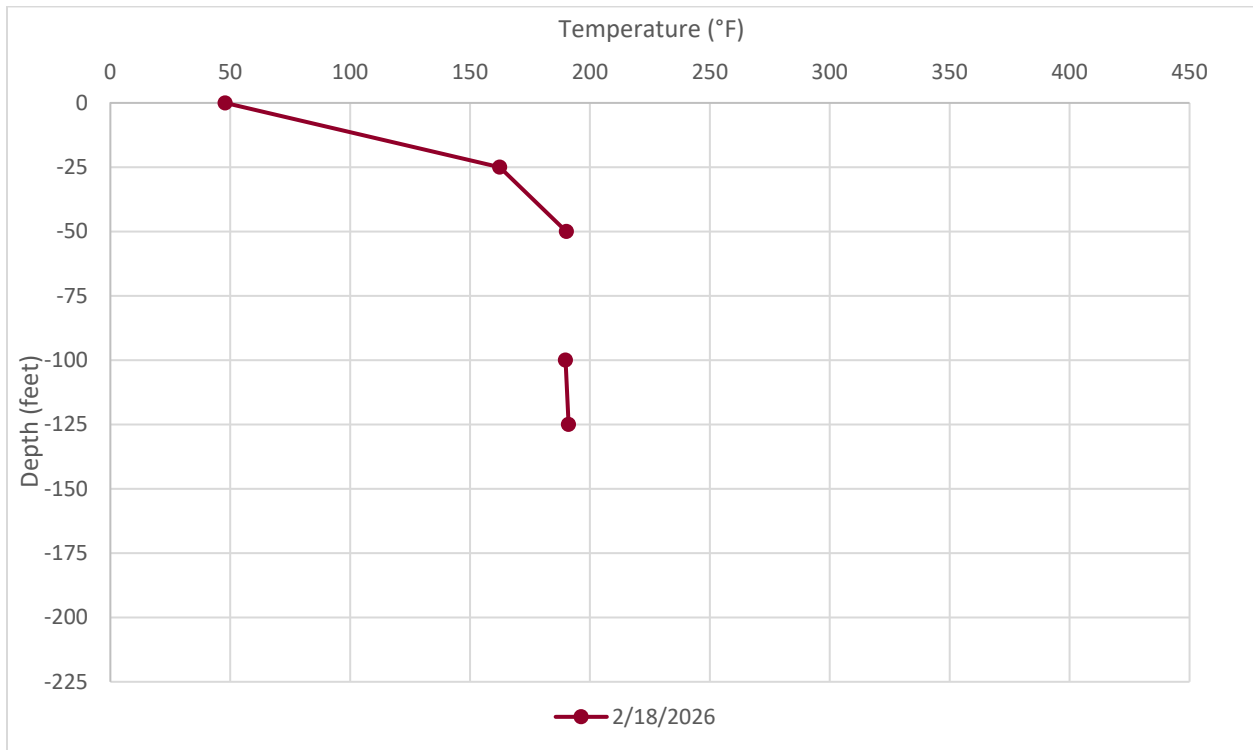


Figure B - 12 Average Temperatures Recorded by TP-6 on February 25, 2026

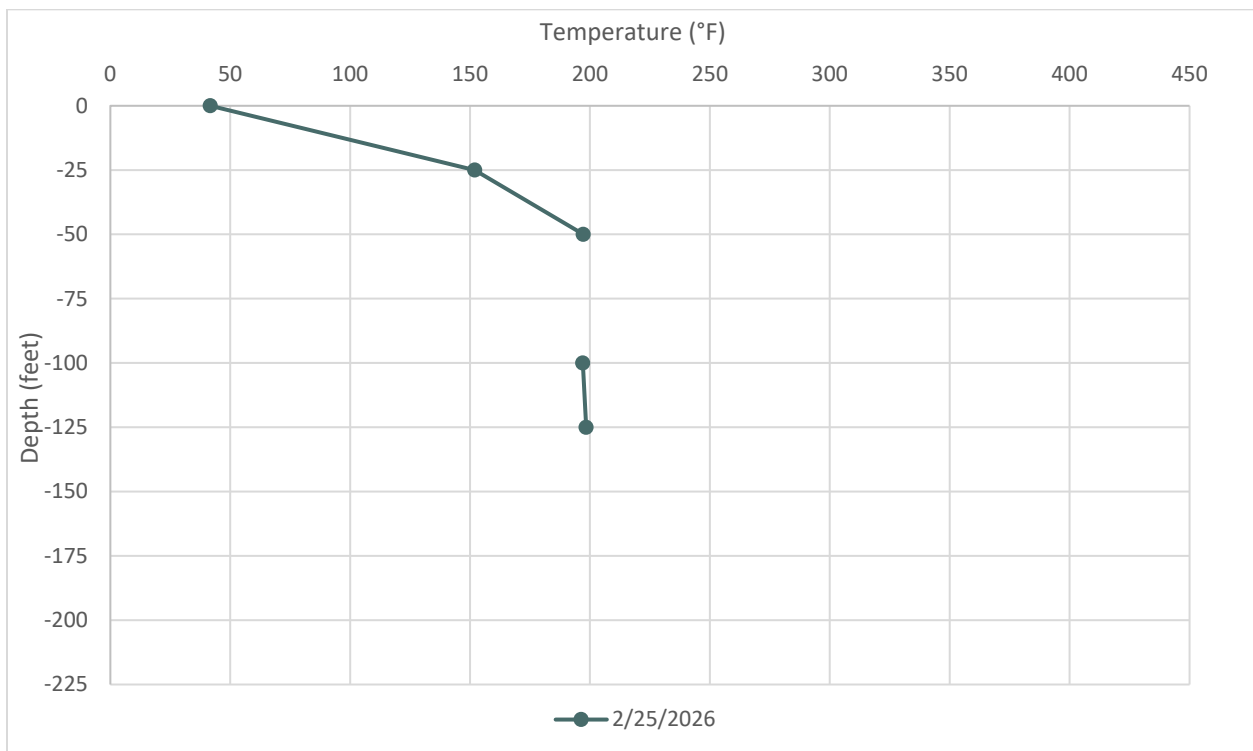


Figure B - 13 Average Temperatures Recorded by TP-8 on February 4, 2026

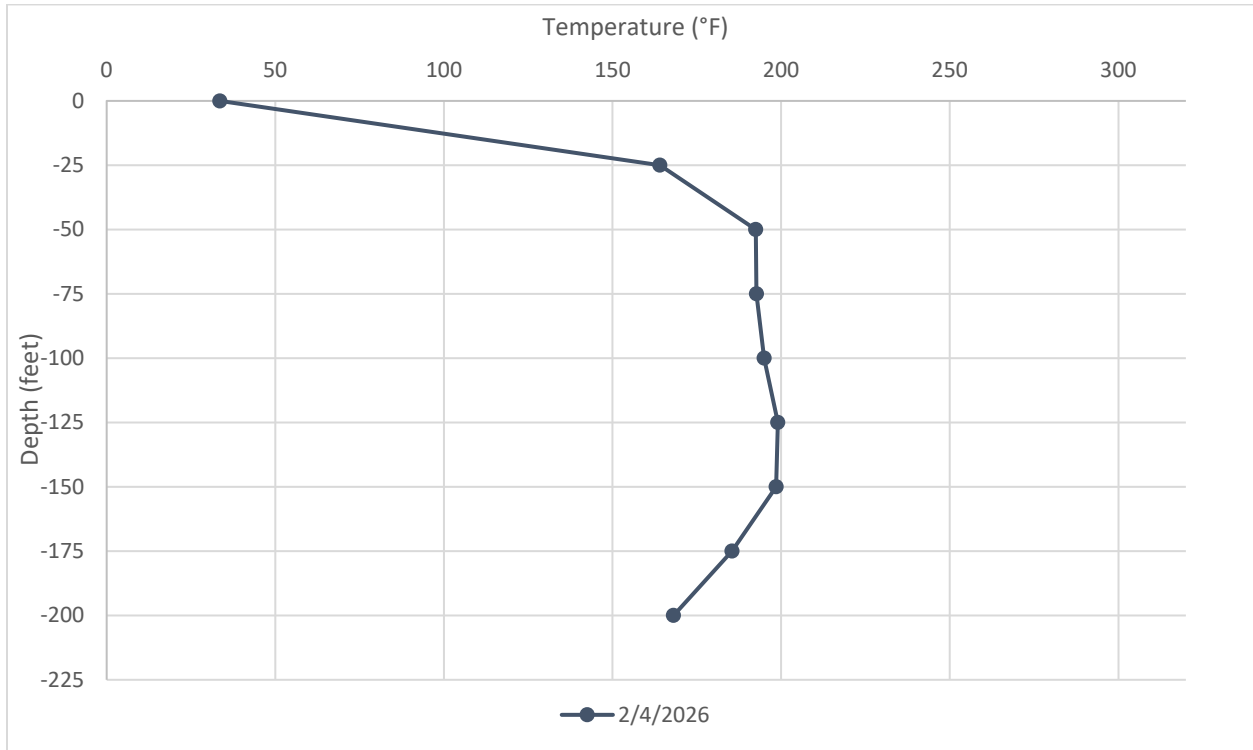


Figure B - 14 Average Temperatures Recorded by TP-8 on February 11, 2026

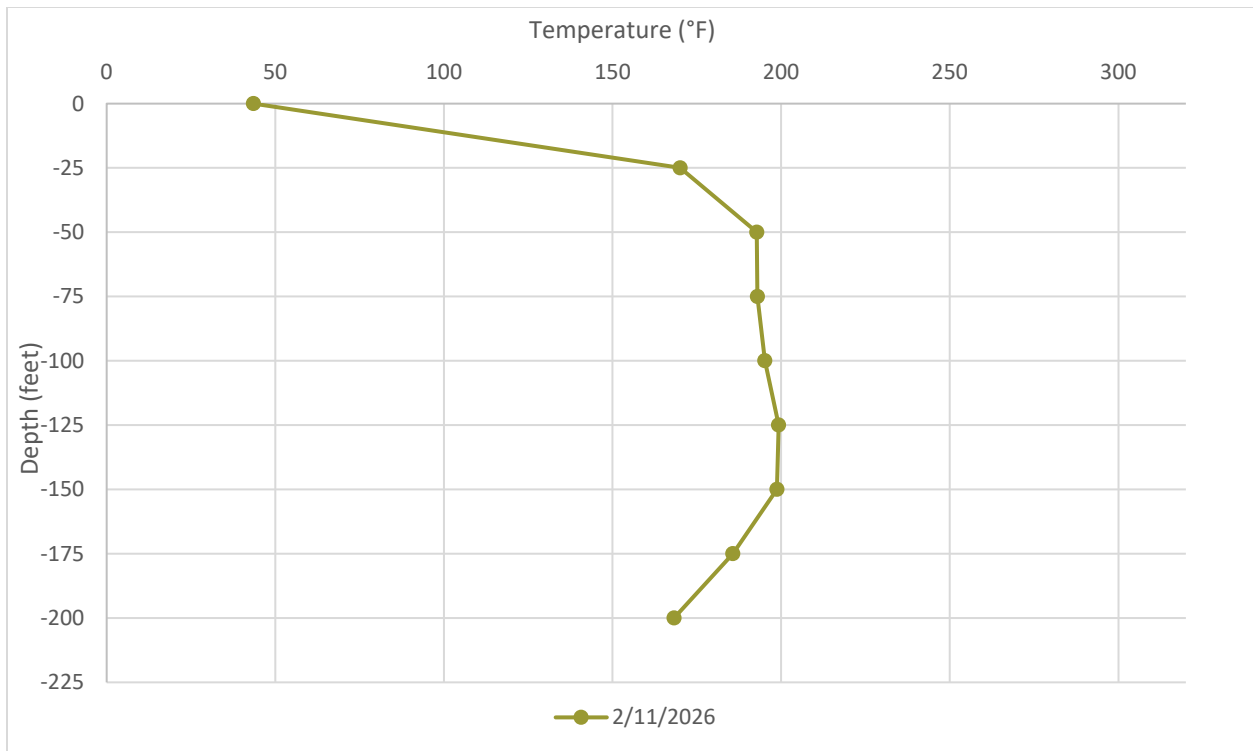


Figure B - 15 Average Temperatures Recorded by TP-8 on February 18, 2026

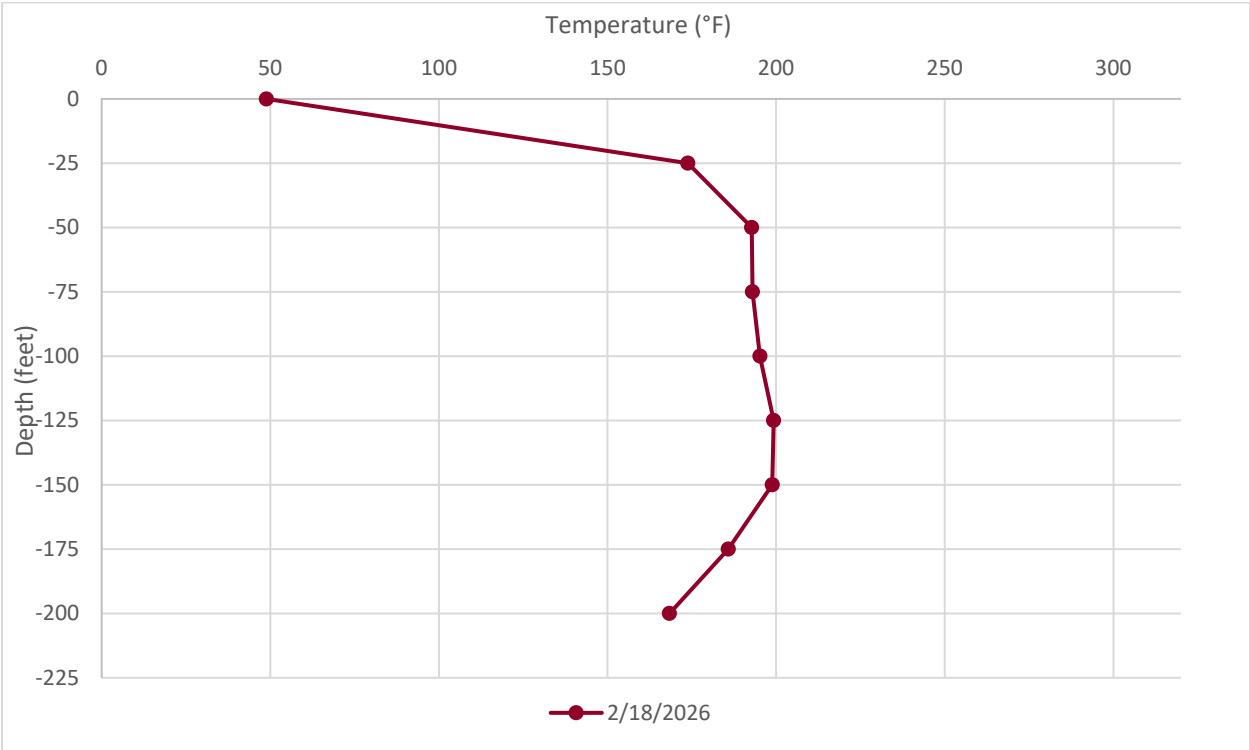


Figure B - 16 Average Temperatures Recorded by TP-8 on February 25, 2026

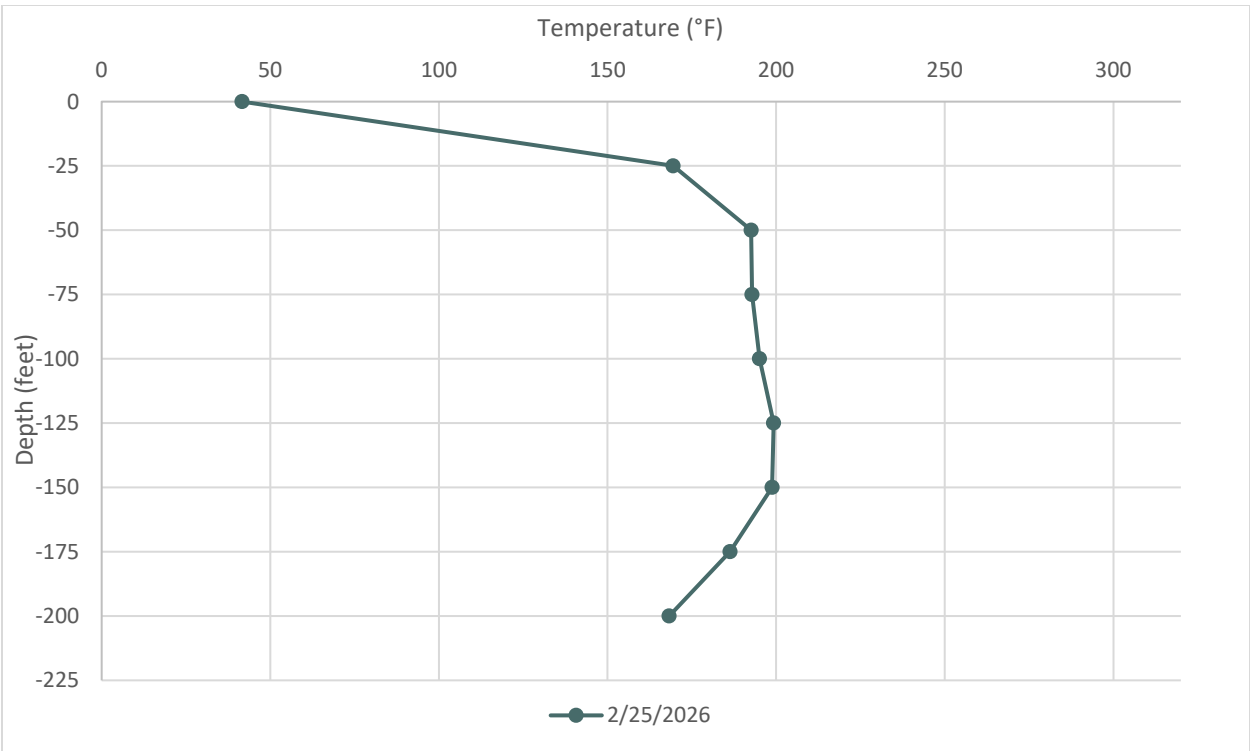


Figure B - 17 Average Temperatures Recorded by TP-9 on February 4, 2026

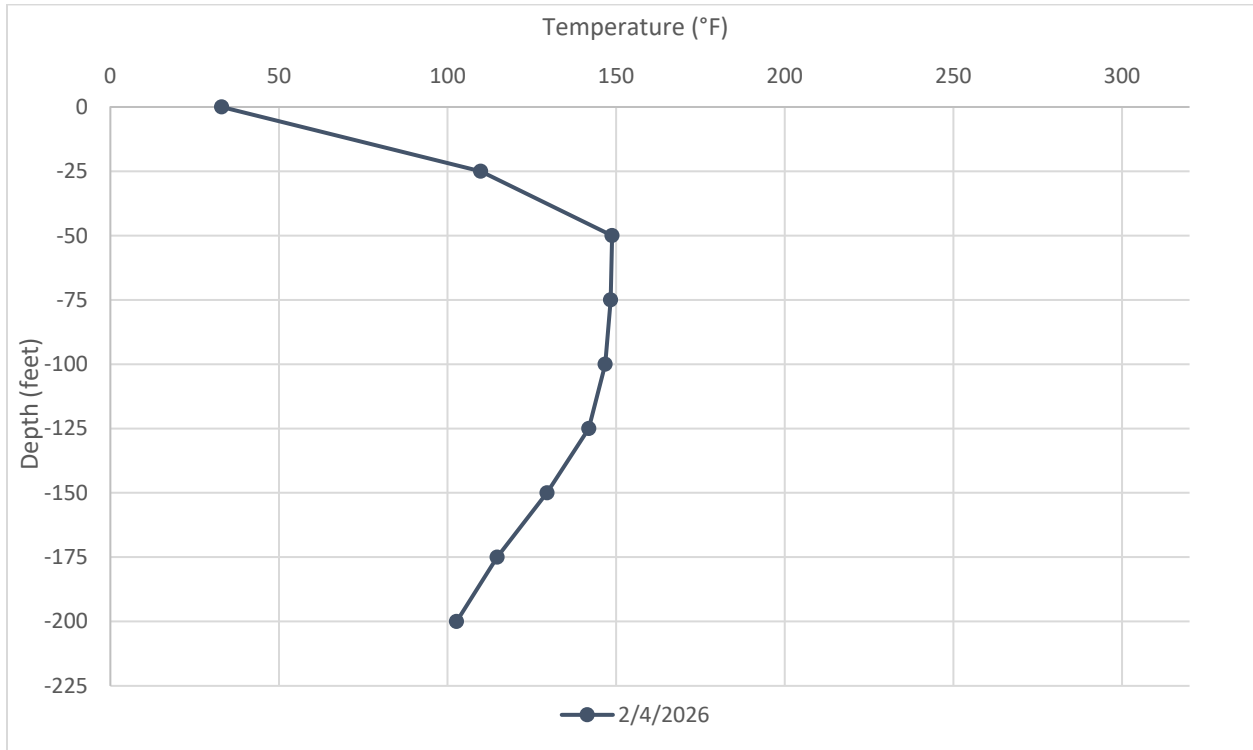


Figure B - 18 Average Temperatures Recorded by TP-9 on February 11, 2026

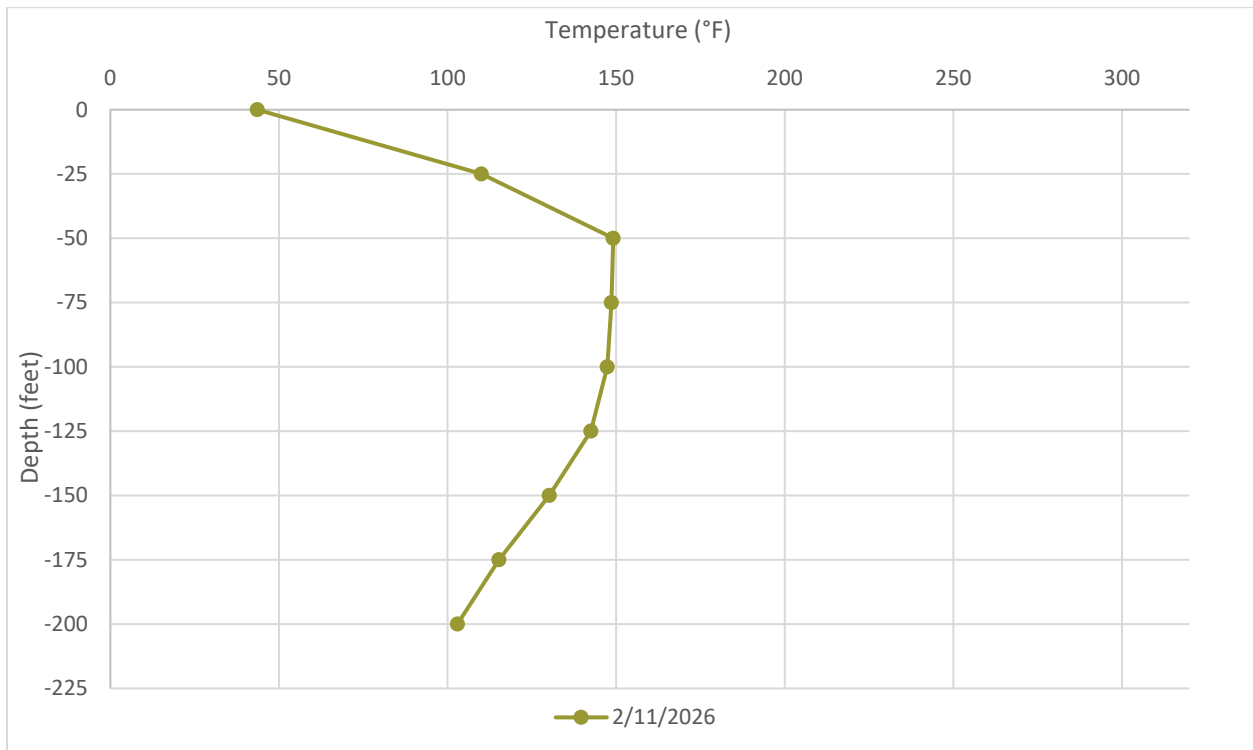


Figure B - 19 Average Temperatures Recorded by TP-9 on February 18, 2026

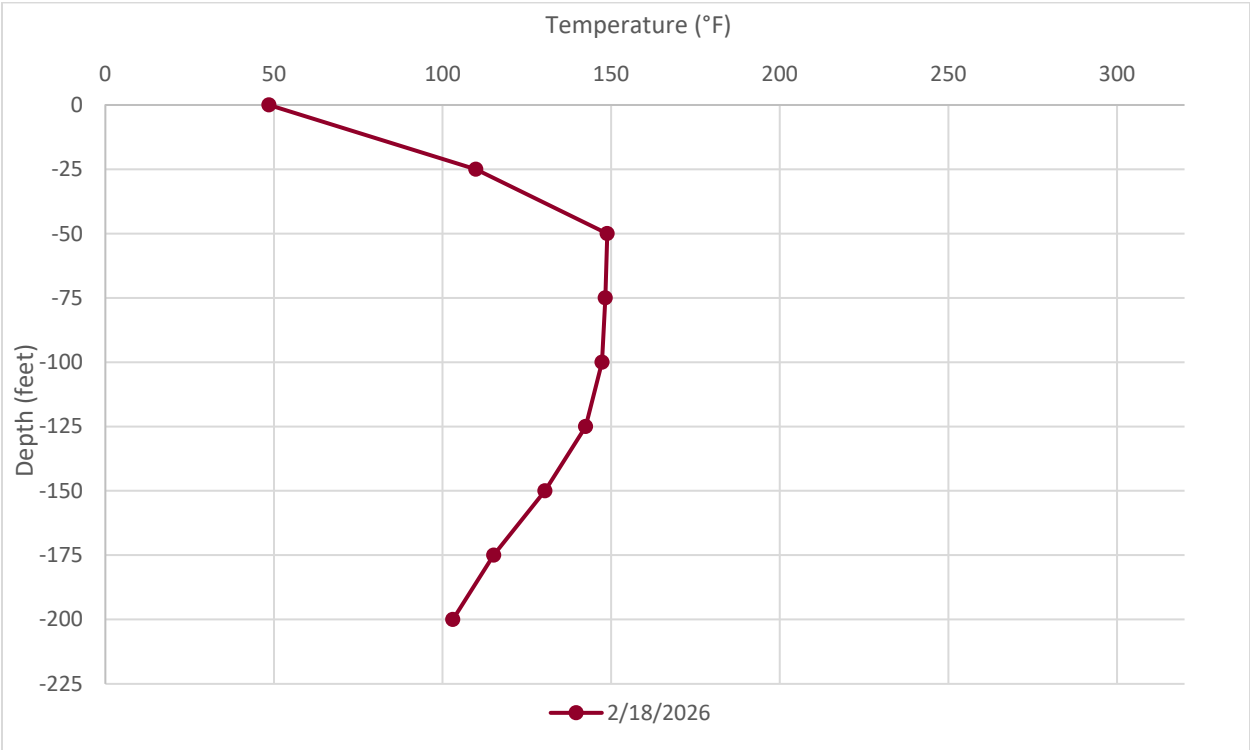
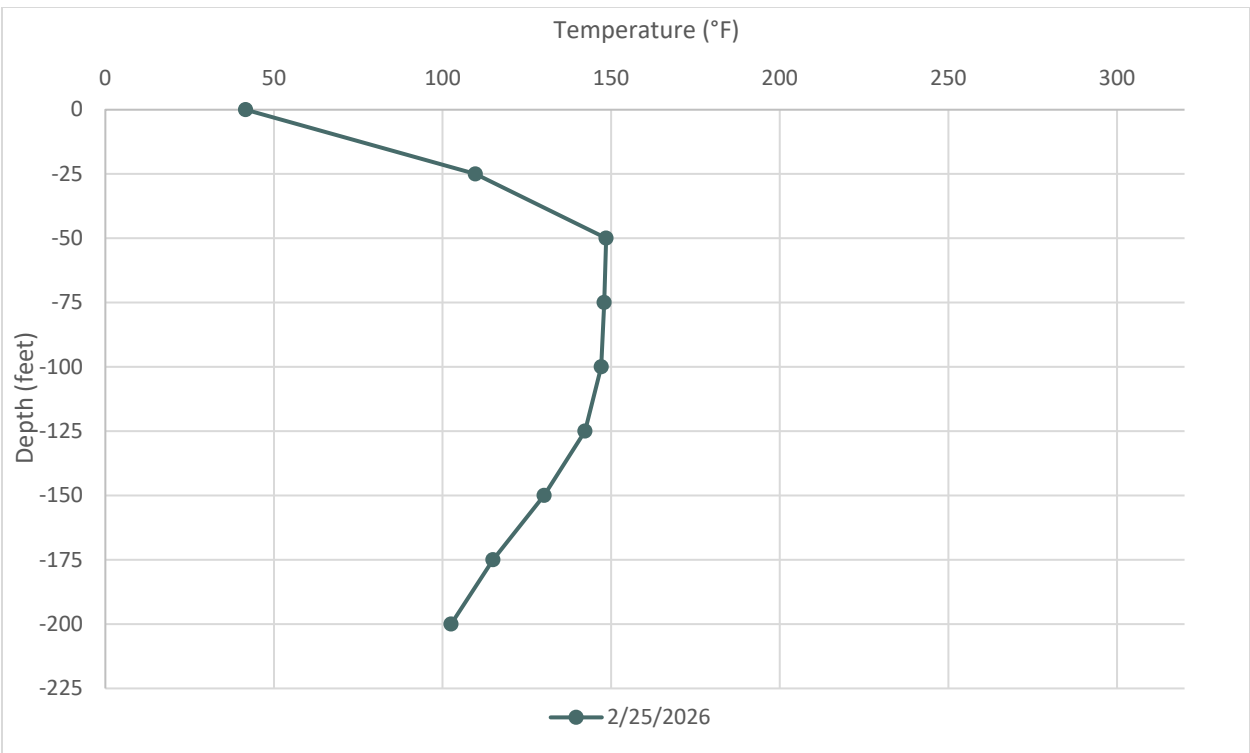


Figure B - 20 Average Temperatures Recorded by TP-9 on February 25, 2026





Appendix C

Daily Wellhead Temperature Averages

Solid Waste Permit 588 Daily Wellhead Temperature Averages

The data provided in this report represent initial readings provided by field instrumentation without Validation, analysis, quality assurance review, or context based on operating conditions. This report is subject to revision following quality assurance review and an analysis of operating conditions. SCS will continue to provide a supplemental report with additional information and further analysis on a monthly basis at a minimum.

SCS ENGINEERS

07222143.00 | March 4, 2026

274 Granite Run Drive
Lancaster, PA 17601
717-550-6330

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 32R
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	47.9	42.4	56.7
Feb 2	50.2	39.8	61.6
Feb 3	58.3	48.7	74.9
Feb 4	54.8	48.0	58.2
Feb 5	48.2	45.8	53.7
Feb 6	49.3	45.5	55.0
Feb 7	47.9	40.0	56.1
Feb 8	46.2	39.8	52.8
Feb 9	56.8	47.9	74.2
Feb 10	59.8	43.5	75.5
Feb 11	64.4	56.3	73.8
Feb 12	59.7	52.7	69.2
Feb 13	60.5	50.7	72.0
Feb 14	63.3	50.7	77.3
Feb 15	62.4	59.9	65.3
Feb 16	64.7	47.2	78.0
Feb 17	66.4	54.9	78.6
Feb 18	67.1	61.7	72.4
Feb 19	68.7	66.0	72.6
Feb 20	68.6	61.5	76.2
Feb 21	66.2	60.9	77.4
Feb 22	51.3	43.2	59.4
Feb 23	43.8	41.3	48.0
Feb 24	48.1	41.6	56.5
Feb 25	57.7	49.7	68.1
Feb 26	55.9	49.1	61.6
Feb 27	59.2	49.1	73.2
Summary	57.3	43.8	68.7

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 33B
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	31.0	29.8	41.9
Feb 2	31.0	29.8	37.5
Feb 3	38.5	29.8	64.2
Feb 4	36.5	31.9	42.7
Feb 5	31.4	29.8	37.7
Feb 6	32.7	29.8	37.6
Feb 7	34.1	29.8	46.1
Feb 8	31.7	29.8	38.1
Feb 9	43.6	30.3	72.8
Feb 10	48.0	29.8	76.9
Feb 11	52.2	38.4	68.0
Feb 12	40.6	29.8	58.6
Feb 13	41.8	29.8	67.5
Feb 14	46.1	29.8	72.8
Feb 15	44.4	41.3	48.3
Feb 16	53.2	37.6	78.5
Feb 17	52.1	34.4	75.1
Feb 18	52.4	43.0	61.2
Feb 19	56.3	53.1	65.1
Feb 20	60.6	49.2	77.4
Feb 21	57.4	48.3	83.3
Feb 22	36.0	29.8	45.1
Feb 23	29.9	29.8	31.1
Feb 24	33.7	29.8	42.4
Feb 25	45.3	32.4	63.5
Feb 26	47.7	39.6	56.9
Feb 27	53.7	38.5	80.2
Summary	43.0	29.9	60.6

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 36A
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	32.5	32.1	40.4
Feb 2	33.2	32.1	39.8
Feb 3	40.4	32.1	62.6
Feb 4	40.0	36.2	45.4
Feb 5	34.5	32.1	38.7
Feb 6	35.1	32.1	40.3
Feb 7	35.9	32.1	45.9
Feb 8	34.4	32.1	40.1
Feb 9	45.3	35.1	69.7
Feb 10	48.3	34.2	73.9
Feb 11	53.1	42.0	65.1
Feb 12	42.6	32.7	55.9
Feb 13	43.1	32.1	62.8
Feb 14	46.8	32.1	68.2
Feb 15	46.8	44.0	49.8
Feb 16	53.7	41.1	76.4
Feb 17	52.0	37.1	73.3
Feb 18	52.8	44.5	60.2
Feb 19	56.4	53.3	64.1
Feb 20	59.8	48.7	73.5
Feb 21	57.2	48.1	79.1
Feb 22	38.8	32.1	51.2
Feb 23	32.1	32.1	32.1
Feb 24	35.6	32.1	42.8
Feb 25	46.6	35.8	59.9
Feb 26	48.8	42.3	54.4
Feb 27	54.3	41.1	76.1
Summary	44.4	32.1	59.8

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 38

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	74.6	69.7	81.0
Feb 2	78.7	72.5	85.6
Feb 3	81.5	74.2	90.7
Feb 4	69.8	66.0	73.6
Feb 5	66.0	64.0	68.4
Feb 6	67.0	60.1	69.9
Feb 7	66.5	63.3	70.9
Feb 8	69.2	65.3	71.9
Feb 9	74.5	69.1	84.4
Feb 10	74.8	51.9	84.0
Feb 11	78.4	71.4	82.6
Feb 12	74.7	71.2	81.5
Feb 13	75.1	68.1	83.8
Feb 14	78.1	70.8	85.1
Feb 15	76.2	72.8	79.9
Feb 16	76.0	70.9	83.2
Feb 17	76.9	70.9	83.7
Feb 18	77.7	75.2	80.1
Feb 19	76.7	73.2	79.4
Feb 20	73.7	69.5	78.0
Feb 21	73.3	69.4	80.3
Feb 22	65.2	61.0	69.9
Feb 23	63.3	61.5	66.5
Feb 24	67.7	64.4	70.4
Feb 25	73.8	68.6	78.1
Feb 26	70.7	66.2	75.4
Feb 27	72.3	66.2	80.5
Summary	73.0	63.3	81.5

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 42
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	118.3	116.8	120.3
Feb 2	119.4	117.9	121.2
Feb 3	120.8	119.2	123.5
Feb 4	120.0	118.7	121.3
Feb 5	118.6	117.7	119.7
Feb 6	118.5	117.8	119.2
Feb 7	118.4	117.1	119.8
Feb 8	119.2	117.7	120.1
Feb 9	120.8	119.6	123.3
Feb 10	120.6	113.6	123.1
Feb 11	121.1	119.4	122.6
Feb 12	120.2	119.1	122.0
Feb 13	120.6	119.5	122.6
Feb 14	121.2	119.6	123.2
Feb 15	121.0	120.4	121.7
Feb 16	118.5	64.1	122.9
Feb 17	120.9	119.1	123.1
Feb 18	120.8	120.0	121.3
Feb 19	121.2	120.4	121.8
Feb 20	120.4	119.0	121.4
Feb 21	120.0	118.7	122.3
Feb 22	117.6	116.4	119.2
Feb 23	117.0	116.4	117.6
Feb 24	118.1	116.9	119.4
Feb 25	119.1	118.1	119.8
Feb 26	118.8	117.8	120.6
Feb 27	119.2	117.6	121.3
Summary	119.6	117.0	121.2

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 47

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	30.0	29.9	34.1
Feb 2	30.2	29.9	35.1
Feb 3	37.8	29.9	61.8
Feb 4	37.5	33.0	42.3
Feb 5	31.5	29.9	36.5
Feb 6	32.6	29.9	37.3
Feb 7	32.9	29.9	39.9
Feb 8	31.8	29.9	37.7
Feb 9	41.4	31.6	65.4
Feb 10	44.6	29.9	71.7
Feb 11	50.3	35.5	60.9
Feb 12	38.7	29.9	52.6
Feb 13	38.9	29.9	58.3
Feb 14	43.5	29.9	64.9
Feb 15	44.6	41.5	47.8
Feb 16	50.1	37.2	71.3
Feb 17	49.1	33.4	71.6
Feb 18	51.2	41.2	59.7
Feb 19	55.5	52.3	62.6
Feb 20	57.7	43.9	72.6
Feb 21	54.4	44.1	72.6
Feb 22	36.7	29.9	47.0
Feb 23	29.9	29.9	29.9
Feb 24	33.0	29.9	39.9
Feb 25	45.3	33.0	57.9
Feb 26	48.1	39.5	56.5
Feb 27	51.4	39.4	73.0
Summary	41.8	29.9	57.7

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 48

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	29.9	29.9	29.9
Feb 2	30.1	29.9	34.7
Feb 3	38.2	29.9	65.8
Feb 4	35.8	31.6	42.0
Feb 5	30.7	29.9	34.1
Feb 6	31.9	29.9	36.3
Feb 7	31.6	29.9	37.3
Feb 8	31.1	29.9	36.5
Feb 9	39.9	29.9	61.0
Feb 10	44.9	29.9	68.9
Feb 11	49.8	34.0	59.0
Feb 12	37.6	29.9	51.0
Feb 13	37.8	29.9	54.4
Feb 14	42.6	29.9	62.8
Feb 15	43.7	40.4	47.5
Feb 16	48.4	34.7	66.5
Feb 17	47.8	31.8	70.0
Feb 18	50.8	39.6	61.0
Feb 19	55.2	51.7	62.2
Feb 20	57.3	45.4	68.5
Feb 21	53.2	42.9	68.1
Feb 22	35.2	29.9	48.9
Feb 23	29.9	29.8	29.9
Feb 24	31.8	29.9	37.0
Feb 25	43.9	30.6	57.5
Feb 26	46.6	37.4	55.7
Feb 27	49.8	37.1	71.1
Summary	40.9	29.9	57.3

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 49

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	26.5	26.4	29.4
Feb 2	27.6	26.4	35.6
Feb 3	94.2	26.4	173.7
Feb 4	158.0	154.2	162.1
Feb 5	151.2	149.6	153.3
Feb 6	150.5	149.6	151.3
Feb 7	149.7	147.4	151.6
Feb 8	151.7	150.5	152.5
Feb 9	153.0	151.8	154.7
Feb 10	153.4	131.0	158.4
Feb 11	157.1	154.4	158.5
Feb 12	157.5	156.6	158.2
Feb 13	158.1	157.2	159.1
Feb 14	158.4	157.2	159.3
Feb 15	158.3	157.3	159.0
Feb 16	156.6	118.6	159.2
Feb 17	158.4	157.2	159.1
Feb 18	158.6	158.0	159.1
Feb 19	158.7	158.1	159.2
Feb 20	156.1	154.0	158.4
Feb 21	155.6	154.4	157.1
Feb 22	154.1	153.3	155.7
Feb 23	154.1	153.5	155.0
Feb 24	156.5	155.0	158.5
Feb 25	157.9	157.1	158.8
Feb 26	157.0	155.0	158.5
Feb 27	153.9	152.9	154.7
Summary	143.8	26.5	158.7

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 50
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	84.2	80.2	91.5
Feb 2	85.5	80.2	89.8
Feb 3	89.5	85.1	97.3
Feb 4	88.4	85.7	93.0
Feb 5	85.3	84.0	87.5
Feb 6	85.3	83.5	88.8
Feb 7	83.1	80.4	86.5
Feb 8	85.4	83.5	86.2
Feb 9	84.1	78.6	88.4
Feb 10	83.0	51.3	94.1
Feb 11	90.0	84.3	95.8
Feb 12	86.2	83.1	90.1
Feb 13	87.3	81.6	92.6
Feb 14	88.4	82.5	94.5
Feb 15	87.9	86.4	90.0
Feb 16	89.4	68.0	95.8
Feb 17	90.6	85.0	96.2
Feb 18	90.8	88.3	95.0
Feb 19	92.1	90.9	94.0
Feb 20	91.9	89.1	94.2
Feb 21	90.4	87.2	96.5
Feb 22	82.8	78.9	87.1
Feb 23	81.1	78.3	84.2
Feb 24	83.9	80.5	86.0
Feb 25	88.3	84.2	92.2
Feb 26	88.7	86.3	93.5
Feb 27	91.0	86.3	99.2
Summary	87.2	81.1	92.1

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 51
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	26.3	25.9	31.7
Feb 2	27.5	25.9	33.5
Feb 3	37.2	25.9	63.0
Feb 4	35.7	31.2	41.6
Feb 5	29.0	26.2	33.3
Feb 6	30.4	25.9	35.4
Feb 7	30.4	25.9	39.5
Feb 8	28.8	25.9	34.6
Feb 9	40.3	29.7	66.1
Feb 10	44.2	27.5	70.4
Feb 11	49.5	36.1	60.5
Feb 12	36.9	25.9	52.3
Feb 13	36.7	25.9	58.9
Feb 14	42.0	25.9	65.9
Feb 15	43.5	40.1	46.6
Feb 16	48.7	35.0	71.9
Feb 17	48.7	32.5	72.9
Feb 18	50.8	40.1	60.1
Feb 19	55.1	52.0	62.3
Feb 20	57.1	42.9	71.4
Feb 21	53.4	43.8	72.9
Feb 22	33.7	25.9	43.8
Feb 23	26.2	25.9	27.9
Feb 24	30.2	25.9	36.7
Feb 25	43.8	30.4	56.7
Feb 26	46.0	37.4	53.8
Feb 27	50.3	37.8	74.2
Summary	40.1	26.2	57.1

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 52
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	166.2	161.3	170.7
Feb 2	161.5	159.8	162.6
Feb 3	161.5	158.7	164.0
Feb 4	170.2	158.9	183.0
Feb 5	182.7	180.0	183.7
Feb 6	179.9	173.5	185.5
Feb 7	166.3	161.9	172.3
Feb 8	162.0	159.8	163.6
Feb 9	176.1	160.4	189.0
Feb 10	181.1	174.3	194.8
Feb 11	177.3	169.9	188.6
Feb 12	180.3	167.3	188.5
Feb 13	181.5	172.3	186.9
Feb 14	171.5	167.6	174.6
Feb 15	165.5	163.8	168.0
Feb 16	170.2	163.4	185.6
Feb 17	172.8	164.6	189.2
Feb 18	118.7	54.5	173.8
Feb 19	144.4	52.8	193.4
Feb 20	189.8	188.1	191.0
Feb 21	187.8	186.2	190.1
Feb 22	185.3	182.6	187.1
Feb 23	182.3	180.7	184.1
Feb 24	183.2	181.3	185.6
Feb 25	185.3	184.5	185.9
Feb 26	185.3	183.4	193.6
Feb 27	188.3	183.4	193.2
Summary	173.2	118.7	189.8

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 53

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	116.9	107.0	128.4
Feb 2	122.8	113.3	136.1
Feb 3	128.5	117.5	145.2
Feb 4	122.9	111.5	133.0
Feb 5	116.5	112.1	121.1
Feb 6	122.1	110.4	127.4
Feb 7	113.6	100.7	120.6
Feb 8	123.3	115.4	128.8
Feb 9	126.4	118.8	137.0
Feb 10	132.9	120.6	148.2
Feb 11	125.1	115.6	132.5
Feb 12	124.0	115.1	133.1
Feb 13	127.5	116.2	136.9
Feb 14	130.3	119.9	138.7
Feb 15	121.1	106.5	136.1
Feb 16	130.2	115.5	149.8
Feb 17	128.8	117.6	139.3
Feb 18	131.8	125.5	135.6
Feb 19	124.7	111.2	135.3
Feb 20	122.8	116.9	129.4
Feb 21	125.1	118.2	136.6
Feb 22	107.5	98.8	121.6
Feb 23	102.5	94.2	110.4
Feb 24	114.4	108.4	122.1
Feb 25	122.6	117.4	126.6
Feb 26	117.6	104.0	126.1
Feb 27	121.9	113.1	131.2
Summary	122.4	102.5	132.9

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 54

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	27.4	27.4	27.4
Feb 2	29.0	27.4	34.1
Feb 3	37.5	27.4	65.1
Feb 4	38.9	34.0	43.8
Feb 5	31.6	29.5	35.8
Feb 6	33.0	28.5	38.2
Feb 7	32.2	27.4	39.5
Feb 8	30.0	27.4	34.9
Feb 9	41.9	31.5	64.5
Feb 10	46.4	30.4	69.7
Feb 11	51.1	37.7	61.6
Feb 12	39.2	29.2	54.1
Feb 13	38.9	27.4	59.5
Feb 14	43.4	27.4	64.1
Feb 15	45.7	42.4	48.7
Feb 16	51.7	37.4	70.9
Feb 17	50.0	34.5	71.0
Feb 18	53.2	43.5	61.9
Feb 19	57.2	54.1	63.2
Feb 20	59.2	46.8	70.9
Feb 21	55.0	46.3	70.4
Feb 22	35.7	27.4	46.7
Feb 23	27.9	27.4	30.3
Feb 24	32.1	27.4	40.0
Feb 25	47.2	35.2	58.5
Feb 26	49.2	41.4	54.9
Feb 27	52.7	39.7	73.2
Summary	42.1	27.4	59.2

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 55
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	30.5	27.4	51.4
Feb 2	33.6	27.4	46.3
Feb 3	45.3	27.4	77.6
Feb 4	46.7	38.7	53.7
Feb 5	36.2	33.6	42.1
Feb 6	36.7	31.7	42.1
Feb 7	37.1	27.4	52.9
Feb 8	34.2	27.4	44.8
Feb 9	50.0	38.9	75.0
Feb 10	51.8	32.9	78.7
Feb 11	55.8	41.7	69.5
Feb 12	43.8	31.6	64.2
Feb 13	45.3	29.0	73.3
Feb 14	48.6	29.5	73.4
Feb 15	49.5	45.9	52.7
Feb 16	58.5	41.7	87.5
Feb 17	55.3	38.2	80.2
Feb 18	58.3	48.6	66.7
Feb 19	62.5	59.9	68.7
Feb 20	64.9	53.5	76.1
Feb 21	63.5	52.3	86.7
Feb 22	40.4	29.4	54.6
Feb 23	29.5	27.4	33.1
Feb 24	37.5	28.4	49.0
Feb 25	53.4	41.3	65.2
Feb 26	55.5	49.4	62.1
Feb 27	61.5	48.0	84.6
Summary	47.6	29.5	64.9

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 56

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	180.3	179.6	181.0
Feb 2	180.7	180.2	181.4
Feb 3	180.8	169.4	182.2
Feb 4	181.1	180.7	181.5
Feb 5	180.7	180.3	180.9
Feb 6	180.8	179.7	181.3
Feb 7	179.6	178.7	180.2
Feb 8	180.0	178.9	180.4
Feb 9	180.4	179.6	181.2
Feb 10	180.9	180.1	182.5
Feb 11	180.1	179.3	180.9
Feb 12	179.8	179.4	180.1
Feb 13	180.0	179.5	180.7
Feb 14	180.1	179.5	180.6
Feb 15	179.6	178.9	180.3
Feb 16	179.6	179.0	181.7
Feb 17	179.6	178.8	180.3
Feb 18	179.9	179.4	180.3
Feb 19	179.7	179.1	180.1
Feb 20	179.2	178.5	179.9
Feb 21	178.8	178.3	179.8
Feb 22	177.4	176.5	178.6
Feb 23	176.5	175.8	177.4
Feb 24	177.4	176.3	178.3
Feb 25	178.1	177.3	178.5
Feb 26	177.4	176.8	178.3
Feb 27	177.3	176.6	178.2
Summary	179.5	176.5	181.1

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 57
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	32.8	32.1	43.7
Feb 2	37.9	32.1	51.2
Feb 3	46.2	32.1	77.1
Feb 4	43.6	38.0	49.2
Feb 5	36.2	33.4	41.7
Feb 6	37.3	32.4	43.4
Feb 7	37.4	32.1	50.2
Feb 8	37.3	32.1	45.1
Feb 9	48.7	37.3	76.2
Feb 10	51.3	34.3	77.3
Feb 11	55.8	41.3	69.1
Feb 12	44.1	32.1	63.5
Feb 13	44.5	32.1	68.4
Feb 14	49.9	32.1	72.7
Feb 15	49.0	46.3	52.2
Feb 16	56.6	40.3	80.5
Feb 17	55.9	38.1	79.0
Feb 18	57.8	48.2	66.6
Feb 19	61.3	58.6	68.5
Feb 20	64.3	50.6	78.8
Feb 21	60.9	51.2	80.8
Feb 22	39.7	32.1	50.9
Feb 23	34.2	32.1	39.0
Feb 24	39.8	35.0	51.2
Feb 25	50.7	38.0	63.9
Feb 26	51.4	42.2	58.5
Feb 27	57.7	43.2	82.5
Summary	47.5	32.8	64.3

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 58

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	99.7	98.8	100.6
Feb 2	100.4	99.8	101.9
Feb 3	101.0	99.1	103.4
Feb 4	100.4	98.6	101.8
Feb 5	98.3	97.5	99.1
Feb 6	97.8	96.7	98.6
Feb 7	98.5	97.1	100.5
Feb 8	100.1	99.1	100.7
Feb 9	99.9	96.5	100.8
Feb 10	98.8	54.0	102.8
Feb 11	99.0	97.0	101.4
Feb 12	99.3	96.3	101.4
Feb 13	99.8	98.5	101.8
Feb 14	99.6	96.3	102.3
Feb 15	99.9	98.6	100.8
Feb 16	99.6	73.5	103.2
Feb 17	99.6	97.8	102.2
Feb 18	100.4	99.7	101.2
Feb 19	99.5	97.5	101.0
Feb 20	98.3	94.6	99.8
Feb 21	99.8	97.5	100.7
Feb 22	97.6	96.3	99.5
Feb 23	98.3	96.6	99.3
Feb 24	99.0	97.6	100.1
Feb 25	99.0	98.0	99.9
Feb 26	98.4	81.8	100.8
Feb 27	96.8	88.1	100.9
Summary	99.2	96.8	101.0

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 59

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	99.5	97.3	101.3
Feb 2	100.6	96.4	103.2
Feb 3	103.6	101.3	108.1
Feb 4	111.0	103.5	117.9
Feb 5	118.3	116.7	119.7
Feb 6	120.6	118.8	122.7
Feb 7	120.3	118.6	122.2
Feb 8	118.3	109.1	123.0
Feb 9	116.2	107.1	123.1
Feb 10	119.1	64.4	126.8
Feb 11	116.3	108.1	126.8
Feb 12	115.9	106.8	122.9
Feb 13	117.8	109.1	126.9
Feb 14	108.9	105.9	111.8
Feb 15	108.0	107.1	109.4
Feb 16	108.7	106.3	111.6
Feb 17	113.7	105.3	120.5
Feb 18	122.2	115.2	125.0
Feb 19	112.6	110.4	119.2
Feb 20	117.1	108.2	123.2
Feb 21	125.5	123.8	127.9
Feb 22	108.9	103.7	122.9
Feb 23	103.1	101.5	104.9
Feb 24	110.1	102.6	119.5
Feb 25	123.5	119.7	126.3
Feb 26	126.7	125.2	128.0
Feb 27	128.7	126.7	130.9
Summary	114.6	99.5	128.7

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 60

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	110.6	104.1	117.2
Feb 2	115.1	106.9	123.8
Feb 3	124.5	120.4	131.2
Feb 4	126.7	123.4	129.3
Feb 5	120.7	117.7	124.9
Feb 6	125.4	114.4	128.2
Feb 7	88.1	57.9	112.1
Feb 8	57.3	48.2	67.4
Feb 9	81.4	58.0	103.8
Feb 10	98.5	64.5	114.1
Feb 11	91.3	65.9	106.4
Feb 12	86.6	54.9	103.6
Feb 13	97.7	89.4	108.5
Feb 14	102.8	91.8	110.7
Feb 15	75.8	64.4	107.0
Feb 16	85.0	59.0	109.1
Feb 17	81.4	65.1	105.3
Feb 18	86.3	62.3	106.2
Feb 19	80.8	70.1	110.4
Feb 20	75.3	65.7	92.8
Feb 21	82.5	62.0	97.2
Feb 22	46.4	35.0	60.8
Feb 23	34.0	30.9	37.2
Feb 24	51.3	30.1	74.3
Feb 25	68.7	55.7	80.6
Feb 26	56.8	49.6	63.1
Feb 27	59.1	48.9	77.3
Summary	85.6	34.0	126.7

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 61
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	150.7	149.8	152.6
Feb 2	151.1	149.5	152.3
Feb 3	142.9	130.9	153.1
Feb 4	145.8	133.9	153.1
Feb 5	150.8	150.3	151.2
Feb 6	151.6	150.3	154.0
Feb 7	149.8	148.9	150.8
Feb 8	150.2	148.8	151.5
Feb 9	152.2	151.4	153.4
Feb 10	153.6	150.4	156.3
Feb 11	152.8	151.6	153.8
Feb 12	152.5	151.4	153.5
Feb 13	151.7	149.1	153.0
Feb 14	152.9	151.6	154.1
Feb 15	154.3	153.7	155.2
Feb 16	153.0	151.9	154.0
Feb 17	152.6	151.3	153.9
Feb 18	153.6	151.8	154.4
Feb 19	152.7	148.7	154.5
Feb 20	153.2	152.2	154.6
Feb 21	153.0	152.2	154.8
Feb 22	150.1	144.2	152.5
Feb 23	145.4	139.2	149.4
Feb 24	151.7	149.2	154.1
Feb 25	154.6	153.9	155.4
Feb 26	154.2	153.4	154.8
Feb 27	153.5	152.7	154.4
Summary	151.5	142.9	154.6

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 62
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	82.8	78.7	88.1
Feb 2	85.5	79.8	91.0
Feb 3	89.4	83.2	100.4
Feb 4	84.8	78.9	90.0
Feb 5	80.8	77.3	87.3
Feb 6	80.7	77.3	86.6
Feb 7	78.7	74.7	83.6
Feb 8	78.2	74.5	82.2
Feb 9	85.9	80.6	94.1
Feb 10	86.9	67.2	94.6
Feb 11	88.5	80.9	95.2
Feb 12	83.3	78.5	89.0
Feb 13	83.8	77.4	93.4
Feb 14	85.2	77.4	94.2
Feb 15	85.9	83.6	87.7
Feb 16	87.7	82.0	95.5
Feb 17	87.6	80.4	98.9
Feb 18	87.7	84.5	90.7
Feb 19	89.3	87.1	94.9
Feb 20	88.1	83.2	92.0
Feb 21	85.0	81.0	93.4
Feb 22	74.7	69.4	80.9
Feb 23	71.3	72.7	72.7
Feb 24	74.2	75.7	75.7
Feb 25	77.1	78.6	78.6
Feb 26	80.0	81.5	81.5
Feb 27	83.0	84.4	84.4
Summary	83.2	71.3	89.4

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 63

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	26.6	26.6	26.6
Feb 2	27.7	26.6	36.2
Feb 3	36.2	26.6	60.3
Feb 4	35.5	30.5	40.5
Feb 5	28.6	26.6	33.2
Feb 6	30.3	26.6	35.5
Feb 7	30.4	26.6	38.3
Feb 8	29.0	26.6	34.3
Feb 9	40.4	28.8	63.1
Feb 10	46.0	26.7	68.1
Feb 11	50.9	36.5	63.2
Feb 12	37.1	26.6	54.8
Feb 13	37.5	26.6	58.5
Feb 14	41.6	26.6	65.3
Feb 15	43.6	40.1	47.4
Feb 16	48.9	35.2	67.3
Feb 17	48.4	31.8	73.4
Feb 18	51.2	40.4	60.2
Feb 19	55.3	52.1	61.3
Feb 20	58.6	46.0	72.0
Feb 21	53.9	46.1	69.5
Feb 22	33.7	26.6	43.6
Feb 23	26.8	26.6	28.9
Feb 24	30.3	26.6	37.8
Feb 25	43.8	30.3	57.5
Feb 26	46.0	37.2	52.4
Feb 27	50.5	36.4	73.8
Summary	40.3	26.6	58.6

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 64

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	26.8	26.6	30.6
Feb 2	27.7	26.6	36.9
Feb 3	36.1	26.6	60.2
Feb 4	35.8	30.8	41.9
Feb 5	28.9	26.6	33.6
Feb 6	30.5	26.6	35.6
Feb 7	30.5	26.6	37.8
Feb 8	29.2	26.6	35.8
Feb 9	40.9	29.1	65.7
Feb 10	46.0	26.7	71.8
Feb 11	51.0	37.1	62.4
Feb 12	37.7	26.6	53.5
Feb 13	37.9	26.6	61.1
Feb 14	42.6	26.6	64.5
Feb 15	43.7	40.1	47.7
Feb 16	49.6	34.4	71.4
Feb 17	49.1	31.6	71.9
Feb 18	51.5	40.4	60.8
Feb 19	55.3	52.5	62.5
Feb 20	58.6	46.1	72.1
Feb 21	55.1	45.8	74.7
Feb 22	34.5	26.6	47.8
Feb 23	26.9	26.6	29.3
Feb 24	30.5	26.6	38.5
Feb 25	43.6	30.6	59.1
Feb 26	46.5	37.0	54.8
Feb 27	50.5	36.7	72.4
Summary	40.6	26.8	58.6

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 65

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	71.1	63.7	83.2
Feb 2	73.8	53.3	87.9
Feb 3	92.0	80.5	107.5
Feb 4	91.7	81.3	98.5
Feb 5	72.8	65.5	79.5
Feb 6	64.1	58.9	70.8
Feb 7	54.8	46.7	63.1
Feb 8	61.7	50.6	68.6
Feb 9	73.3	62.6	92.0
Feb 10	71.6	54.4	88.5
Feb 11	103.8	67.4	149.0
Feb 12	144.3	143.0	145.3
Feb 13	142.4	140.9	143.5
Feb 14	141.2	139.9	142.3
Feb 15	140.1	139.2	141.4
Feb 16	139.9	138.8	141.6
Feb 17	139.2	138.1	140.2
Feb 18	138.7	137.8	139.2
Feb 19	139.1	138.5	139.7
Feb 20	138.4	137.8	139.2
Feb 21	137.9	136.6	139.5
Feb 22	134.8	133.4	137.1
Feb 23	133.6	133.0	134.1
Feb 24	134.8	134.0	136.0
Feb 25	135.6	134.5	136.3
Feb 26	135.5	134.0	137.2
Feb 27	136.0	134.8	137.1
Summary	112.7	54.8	144.3

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 66

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	157.8	153.0	163.8
Feb 2	159.5	151.0	165.4
Feb 3	159.6	143.8	167.1
Feb 4	160.7	152.8	168.2
Feb 5	155.8	152.5	161.4
Feb 6	152.0	142.1	155.8
Feb 7	144.7	134.8	153.2
Feb 8	151.0	143.2	158.8
Feb 9	148.0	134.4	158.1
Feb 10	153.1	133.3	159.1
Feb 11	126.4	81.4	145.2
Feb 12	136.7	105.6	192.7
Feb 13	194.5	193.2	195.4
Feb 14	195.7	194.7	196.7
Feb 15	195.8	195.5	196.1
Feb 16	196.4	195.9	196.9
Feb 17	189.6	173.7	196.5
Feb 18	175.9	163.2	194.6
Feb 19	190.4	175.2	195.4
Feb 20	157.5	144.2	174.3
Feb 21	141.3	128.0	151.5
Feb 22	113.1	98.3	132.3
Feb 23	112.6	99.4	121.7
Feb 24	119.1	110.8	127.9
Feb 25	116.9	111.2	124.3
Feb 26	116.1	100.1	124.2
Feb 27	110.4	91.8	121.5
Summary	153.0	110.4	196.4

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 67

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	159.9	151.8	169.2
Feb 2	165.0	157.3	172.4
Feb 3	164.2	153.0	170.4
Feb 4	162.9	155.6	166.5
Feb 5	159.6	155.4	163.3
Feb 6	162.4	149.7	167.0
Feb 7	150.5	141.1	161.4
Feb 8	161.5	155.2	166.5
Feb 9	167.1	159.0	174.5
Feb 10	170.8	166.5	174.1
Feb 11	164.7	156.2	171.9
Feb 12	165.1	158.4	170.5
Feb 13	166.8	162.0	170.5
Feb 14	168.1	160.5	173.2
Feb 15	167.1	159.6	173.4
Feb 16	168.3	160.5	172.9
Feb 17	167.4	160.6	173.8
Feb 18	170.2	166.8	172.6
Feb 19	169.6	160.0	173.7
Feb 20	166.2	155.5	173.3
Feb 21	165.7	159.6	170.4
Feb 22	150.1	141.5	163.8
Feb 23	144.7	134.2	155.3
Feb 24	156.1	147.8	164.4
Feb 25	162.1	155.4	167.6
Feb 26	162.3	153.0	168.1
Feb 27	161.3	155.7	165.3
Summary	162.9	144.7	170.8

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 68
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	133.8	130.6	136.8
Feb 2	137.7	131.8	156.9
Feb 3	146.9	132.0	159.0
Feb 4	147.0	142.5	159.3
Feb 5	144.0	140.8	151.6
Feb 6	147.5	140.8	159.4
Feb 7	143.4	139.5	153.2
Feb 8	140.0	128.5	143.4
Feb 9	140.9	136.1	143.8
Feb 10	139.1	63.4	147.2
Feb 11	144.5	136.6	157.4
Feb 12	141.3	136.5	144.4
Feb 13	141.4	138.0	148.3
Feb 14	139.3	136.6	141.9
Feb 15	137.9	134.9	140.3
Feb 16	143.3	136.2	156.9
Feb 17	143.8	138.0	154.0
Feb 18	143.7	141.8	147.7
Feb 19	142.3	139.8	144.5
Feb 20	142.8	133.4	149.2
Feb 21	139.6	134.9	142.2
Feb 22	135.7	131.5	139.6
Feb 23	135.0	131.1	138.9
Feb 24	135.7	134.0	137.4
Feb 25	136.5	133.7	140.7
Feb 26	136.8	124.4	142.9
Feb 27	135.5	132.6	137.6
Summary	140.6	133.8	147.5

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 69

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	79.7	75.7	90.1
Feb 2	81.6	73.5	93.0
Feb 3	86.0	79.9	100.1
Feb 4	81.4	77.1	85.1
Feb 5	74.7	71.9	79.2
Feb 6	73.1	69.0	77.1
Feb 7	73.0	66.9	84.3
Feb 8	69.7	66.4	75.2
Feb 9	77.4	68.1	95.1
Feb 10	77.8	57.3	91.3
Feb 11	80.6	69.1	92.6
Feb 12	72.0	64.6	84.4
Feb 13	71.3	61.9	88.2
Feb 14	73.4	61.2	90.4
Feb 15	69.2	66.3	73.8
Feb 16	75.2	54.7	91.1
Feb 17	75.2	63.6	90.5
Feb 18	73.5	67.6	78.4
Feb 19	76.3	73.9	81.4
Feb 20	78.2	70.4	91.4
Feb 21	74.5	68.3	90.5
Feb 22	57.6	47.8	67.4
Feb 23	49.7	45.7	56.7
Feb 24	52.5	45.7	59.5
Feb 25	82.5	53.2	109.7
Feb 26	107.5	105.2	110.7
Feb 27	109.8	106.3	115.1
Summary	76.1	49.7	109.8

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 70
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	31.3	29.8	44.8
Feb 2	31.3	29.8	38.4
Feb 3	39.2	29.8	66.8
Feb 4	36.7	31.7	44.8
Feb 5	31.5	29.8	38.4
Feb 6	32.6	29.8	37.6
Feb 7	34.6	29.8	50.3
Feb 8	31.9	29.8	40.6
Feb 9	43.2	29.8	76.5
Feb 10	47.9	29.8	78.9
Feb 11	52.9	35.1	73.8
Feb 12	39.3	29.8	61.8
Feb 13	38.7	29.8	59.5
Feb 14	41.7	29.8	64.2
Feb 15	43.9	41.0	48.3
Feb 16	48.1	35.6	66.7
Feb 17	47.9	34.2	67.9
Feb 18	49.7	41.2	57.3
Feb 19	54.1	50.9	61.8
Feb 20	56.3	46.3	68.5
Feb 21	54.6	44.7	72.8
Feb 22	38.8	29.8	48.2
Feb 23	30.9	29.8	34.5
Feb 24	33.8	29.8	41.7
Feb 25	44.4	32.5	60.5
Feb 26	47.1	38.7	55.9
Feb 27	50.5	38.1	70.9
Summary	42.0	30.9	56.3

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 71

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	139.1	138.5	139.7
Feb 2	139.9	139.3	140.6
Feb 3	140.3	137.9	141.5
Feb 4	139.9	139.2	140.5
Feb 5	139.4	138.9	139.8
Feb 6	139.3	138.5	140.2
Feb 7	139.3	138.0	139.8
Feb 8	139.7	138.9	140.4
Feb 9	140.3	139.4	141.4
Feb 10	138.8	97.7	141.2
Feb 11	140.2	139.2	140.9
Feb 12	139.7	139.1	140.1
Feb 13	140.0	139.7	140.7
Feb 14	140.3	139.7	141.1
Feb 15	139.8	138.2	140.6
Feb 16	140.3	139.6	141.1
Feb 17	140.6	140.1	141.2
Feb 18	140.2	139.5	140.7
Feb 19	140.4	139.0	140.9
Feb 20	140.0	138.5	140.8
Feb 21	140.2	139.1	141.3
Feb 22	138.7	137.8	140.2
Feb 23	138.4	137.5	138.8
Feb 24	139.1	138.2	140.0
Feb 25	139.6	138.4	140.4
Feb 26	139.6	138.6	140.4
Feb 27	140.3	139.4	141.1
Summary	139.8	138.4	140.6

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 72
Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	130.0	127.4	132.9
Feb 2	132.8	131.1	134.6
Feb 3	134.2	130.2	137.6
Feb 4	131.3	128.4	133.1
Feb 5	130.4	128.4	132.0
Feb 6	131.1	128.1	132.7
Feb 7	128.1	125.4	130.5
Feb 8	131.3	127.1	133.3
Feb 9	133.7	131.6	137.3
Feb 10	133.8	127.3	136.5
Feb 11	132.9	130.0	135.1
Feb 12	132.0	130.5	133.2
Feb 13	133.4	131.6	136.2
Feb 14	134.6	132.6	136.7
Feb 15	133.4	131.8	135.8
Feb 16	132.8	129.4	136.1
Feb 17	134.4	132.4	136.1
Feb 18	134.4	132.8	135.2
Feb 19	134.1	130.9	135.5
Feb 20	132.0	127.6	134.3
Feb 21	132.8	129.1	135.7
Feb 22	128.4	126.1	131.7
Feb 23	127.7	125.9	129.7
Feb 24	131.1	129.1	133.4
Feb 25	131.7	129.9	133.5
Feb 26	129.0	127.0	131.9
Feb 27	131.7	129.4	134.5
Summary	132.0	127.7	134.6

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 73

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	86.8	83.6	91.6
Feb 2	89.0	83.6	93.8
Feb 3	92.0	86.7	101.1
Feb 4	89.4	85.3	92.2
Feb 5	82.1	79.1	85.6
Feb 6	80.6	77.7	83.8
Feb 7	81.5	75.4	89.7
Feb 8	81.0	77.9	84.1
Feb 9	86.2	80.4	97.5
Feb 10	86.3	52.3	94.6
Feb 11	99.2	87.1	115.4
Feb 12	114.5	114.1	115.4
Feb 13	114.5	113.9	115.5
Feb 14	114.9	114.0	115.9
Feb 15	114.9	114.5	115.4
Feb 16	115.1	114.2	116.4
Feb 17	115.3	114.6	116.3
Feb 18	115.4	115.1	115.7
Feb 19	115.8	115.5	116.3
Feb 20	116.0	115.4	116.4
Feb 21	116.3	115.7	117.4
Feb 22	115.6	114.9	116.2
Feb 23	115.5	115.1	115.9
Feb 24	116.2	115.5	116.9
Feb 25	115.3	113.1	117.3
Feb 26	113.7	112.8	114.9
Feb 27	114.9	113.7	116.6
Summary	103.6	80.6	116.3

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 74

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	106.3	101.5	111.1
Feb 2	110.5	107.6	113.5
Feb 3	113.9	107.9	119.3
Feb 4	112.6	109.3	115.3
Feb 5	110.5	107.9	112.7
Feb 6	111.6	108.1	114.0
Feb 7	105.5	101.8	108.5
Feb 8	109.2	104.7	112.2
Feb 9	114.0	109.8	119.3
Feb 10	114.9	101.4	119.0
Feb 11	113.0	108.4	116.8
Feb 12	111.2	106.8	113.1
Feb 13	113.4	111.3	116.7
Feb 14	114.6	110.8	118.2
Feb 15	114.3	111.0	116.5
Feb 16	113.9	104.6	118.4
Feb 17	115.4	111.4	118.9
Feb 18	116.1	114.4	117.7
Feb 19	117.0	114.1	118.4
Feb 20	115.2	112.5	119.1
Feb 21	114.3	109.7	119.6
Feb 22	107.1	103.6	112.6
Feb 23	104.6	102.1	106.7
Feb 24	109.4	104.7	114.0
Feb 25	112.4	109.6	115.2
Feb 26	111.9	107.5	115.7
Feb 27	113.4	110.7	116.4
Summary	112.1	104.6	117.0

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 75
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	30.7	29.8	45.7
Feb 2	32.3	29.8	50.1
Feb 3	40.0	29.8	72.0
Feb 4	36.5	31.8	42.4
Feb 5	31.3	29.8	36.9
Feb 6	32.2	29.8	37.4
Feb 7	35.3	29.8	48.4
Feb 8	31.5	29.8	37.9
Feb 9	44.8	29.8	74.4
Feb 10	49.2	29.8	75.9
Feb 11	54.0	38.8	72.0
Feb 12	41.5	29.8	61.6
Feb 13	43.6	29.8	69.4
Feb 14	47.5	29.8	78.1
Feb 15	44.1	40.6	47.5
Feb 16	55.6	37.5	82.5
Feb 17	53.8	34.0	81.3
Feb 18	52.4	42.6	60.9
Feb 19	56.6	53.3	65.9
Feb 20	61.7	50.5	79.9
Feb 21	58.4	48.2	82.4
Feb 22	36.4	29.8	49.7
Feb 23	30.0	29.8	32.2
Feb 24	33.6	29.8	41.1
Feb 25	45.1	31.4	62.8
Feb 26	47.5	40.5	55.4
Feb 27	55.4	38.6	84.5
Summary	43.7	30.0	61.7

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 76

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	125.5	125.2	125.8
Feb 2	125.6	125.4	125.9
Feb 3	125.8	125.5	126.4
Feb 4	125.7	125.4	125.9
Feb 5	125.4	125.2	125.6
Feb 6	125.4	125.3	125.5
Feb 7	125.4	125.1	125.7
Feb 8	125.5	125.2	125.6
Feb 9	125.7	125.4	126.1
Feb 10	125.7	124.7	126.1
Feb 11	125.7	125.3	125.9
Feb 12	125.4	125.3	125.7
Feb 13	125.4	125.1	125.9
Feb 14	125.4	125.1	125.8
Feb 15	125.4	125.3	125.5
Feb 16	125.4	123.3	125.9
Feb 17	125.5	125.2	125.8
Feb 18	125.4	125.3	125.6
Feb 19	125.5	125.2	125.7
Feb 20	125.7	125.4	125.8
Feb 21	126.0	125.7	126.6
Feb 22	126.0	125.9	126.1
Feb 23	126.2	126.0	126.3
Feb 24	126.6	126.3	126.9
Feb 25	127.0	126.8	127.2
Feb 26	127.1	126.8	127.5
Feb 27	127.6	127.2	128.0
Summary	125.8	125.4	127.6

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 77

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	30.0	29.9	31.9
Feb 2	31.6	29.9	44.6
Feb 3	39.2	29.9	65.0
Feb 4	36.5	31.7	41.9
Feb 5	30.8	29.9	34.0
Feb 6	32.1	29.9	36.9
Feb 7	33.0	29.9	43.1
Feb 8	31.3	29.9	35.8
Feb 9	43.3	30.1	69.4
Feb 10	48.8	29.9	69.7
Feb 11	52.7	40.1	65.0
Feb 12	40.8	29.9	58.9
Feb 13	41.8	29.9	66.0
Feb 14	46.0	29.9	69.6
Feb 15	44.3	40.7	47.9
Feb 16	53.6	38.0	72.9
Feb 17	52.8	33.9	79.0
Feb 18	52.3	42.5	61.3
Feb 19	56.4	53.2	63.7
Feb 20	61.1	50.3	74.9
Feb 21	56.7	48.0	73.9
Feb 22	35.7	29.9	45.6
Feb 23	29.9	29.9	30.4
Feb 24	33.4	29.9	42.5
Feb 25	45.3	31.5	60.5
Feb 26	47.4	39.3	54.0
Feb 27	54.0	38.5	78.6
Summary	43.0	29.9	61.1

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 78

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	93.5	90.1	98.3
Feb 2	95.1	91.9	98.4
Feb 3	97.8	93.8	104.6
Feb 4	101.0	95.9	106.5
Feb 5	101.5	99.5	103.2
Feb 6	100.6	99.1	102.8
Feb 7	97.8	93.6	102.0
Feb 8	100.4	97.8	102.9
Feb 9	104.3	100.9	109.8
Feb 10	102.6	58.1	108.2
Feb 11	104.2	100.8	108.3
Feb 12	102.2	98.3	107.3
Feb 13	103.0	99.3	108.5
Feb 14	104.5	99.8	108.7
Feb 15	104.5	102.1	105.8
Feb 16	104.2	100.5	109.4
Feb 17	105.0	101.0	109.2
Feb 18	105.3	103.3	106.5
Feb 19	105.9	103.9	107.5
Feb 20	105.0	101.4	107.2
Feb 21	104.9	100.6	110.7
Feb 22	99.1	94.5	103.8
Feb 23	96.3	93.0	98.2
Feb 24	99.9	96.2	103.7
Feb 25	103.3	101.6	105.0
Feb 26	103.1	101.6	106.3
Feb 27	104.5	101.6	109.3
Summary	101.8	93.5	105.9

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 79
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	30.8	29.9	41.5
Feb 2	31.4	29.9	43.3
Feb 3	39.3	29.9	63.8
Feb 4	36.6	31.6	42.5
Feb 5	31.2	29.9	37.1
Feb 6	32.4	29.9	37.4
Feb 7	33.4	29.9	42.5
Feb 8	31.4	29.9	37.1
Feb 9	44.0	30.2	69.5
Feb 10	49.0	29.9	74.8
Feb 11	52.6	39.1	64.2
Feb 12	40.9	29.9	54.7
Feb 13	42.5	29.9	63.9
Feb 14	45.5	29.9	67.0
Feb 15	44.3	41.0	47.5
Feb 16	54.3	38.0	79.2
Feb 17	53.1	34.4	74.3
Feb 18	52.5	42.8	61.6
Feb 19	56.5	53.0	64.1
Feb 20	60.7	49.5	74.5
Feb 21	57.2	48.1	80.0
Feb 22	35.6	29.9	45.0
Feb 23	29.9	29.9	30.3
Feb 24	33.6	29.9	43.7
Feb 25	45.7	32.1	61.2
Feb 26	47.8	40.1	55.7
Feb 27	54.4	38.7	78.3
Summary	43.2	29.9	60.7

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 80
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	30.2	29.8	34.4
Feb 2	31.6	29.8	46.5
Feb 3	39.0	29.8	70.8
Feb 4	36.4	31.4	43.3
Feb 5	30.8	29.8	34.7
Feb 6	32.3	29.8	36.2
Feb 7	33.9	29.8	43.5
Feb 8	31.4	29.8	39.4
Feb 9	42.2	29.8	71.2
Feb 10	46.7	29.8	72.8
Feb 11	52.0	36.7	65.5
Feb 12	39.2	29.8	57.6
Feb 13	41.7	29.8	64.2
Feb 14	45.2	29.8	69.0
Feb 15	44.0	40.6	47.4
Feb 16	51.7	34.9	73.6
Feb 17	50.9	32.0	77.9
Feb 18	51.6	40.6	61.4
Feb 19	56.0	53.0	63.9
Feb 20	58.9	44.8	73.3
Feb 21	55.7	45.5	75.9
Feb 22	35.3	29.8	43.5
Feb 23	29.8	29.8	29.9
Feb 24	32.9	29.8	40.9
Feb 25	44.2	30.3	62.0
Feb 26	47.1	37.4	57.3
Feb 27	53.0	37.8	80.1
Summary	42.4	29.8	58.9

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 81
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	163.6	161.3	165.7
Feb 2	165.5	164.2	167.0
Feb 3	166.6	162.6	168.3
Feb 4	162.6	160.6	164.5
Feb 5	163.0	160.9	164.8
Feb 6	164.7	163.1	166.5
Feb 7	161.9	159.1	164.5
Feb 8	164.3	161.9	165.7
Feb 9	166.4	165.0	168.0
Feb 10	167.5	166.3	168.4
Feb 11	165.4	163.0	167.9
Feb 12	165.3	163.7	166.8
Feb 13	166.3	165.0	167.2
Feb 14	166.7	164.5	167.9
Feb 15	166.6	165.0	168.1
Feb 16	165.6	163.5	167.5
Feb 17	166.4	164.9	168.0
Feb 18	167.1	165.0	168.0
Feb 19	167.0	163.4	168.7
Feb 20	164.8	161.4	167.2
Feb 21	165.6	163.0	167.6
Feb 22	162.2	159.6	165.9
Feb 23	160.6	158.6	161.9
Feb 24	164.1	161.2	167.0
Feb 25	165.8	164.0	167.7
Feb 26	163.5	161.8	166.1
Feb 27	164.0	162.8	165.0
Summary	164.9	160.6	167.5

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 82
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	160.8	157.3	164.4
Feb 2	164.3	161.0	166.3
Feb 3	165.2	159.9	167.4
Feb 4	160.5	158.4	161.9
Feb 5	159.2	156.6	160.7
Feb 6	159.8	154.6	162.3
Feb 7	154.1	147.5	159.0
Feb 8	160.3	158.4	162.1
Feb 9	162.8	161.2	165.4
Feb 10	161.8	145.4	164.6
Feb 11	160.2	157.1	164.4
Feb 12	160.9	158.9	163.0
Feb 13	163.1	161.8	164.8
Feb 14	163.9	161.8	165.6
Feb 15	163.1	161.3	165.3
Feb 16	160.8	143.8	164.0
Feb 17	162.9	161.0	165.3
Feb 18	163.6	159.7	165.0
Feb 19	163.2	159.8	165.9
Feb 20	158.7	150.8	164.5
Feb 21	160.3	157.3	162.9
Feb 22	152.9	147.5	160.6
Feb 23	149.7	146.7	152.3
Feb 24	157.2	153.2	162.7
Feb 25	160.0	156.2	163.4
Feb 26	158.0	152.5	160.4
Feb 27	160.0	158.7	161.3
Summary	160.3	149.7	165.2

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 83

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	168.0	165.5	170.6
Feb 2	170.1	168.5	171.6
Feb 3	170.6	161.0	173.1
Feb 4	170.6	167.9	172.3
Feb 5	168.9	167.2	170.0
Feb 6	168.9	165.5	170.2
Feb 7	165.7	162.1	169.2
Feb 8	168.8	166.9	170.2
Feb 9	170.3	168.1	171.8
Feb 10	169.9	144.6	172.9
Feb 11	168.8	164.5	171.4
Feb 12	169.1	165.6	170.8
Feb 13	170.2	168.5	171.1
Feb 14	170.5	168.5	172.2
Feb 15	170.1	168.2	172.1
Feb 16	170.9	169.0	172.5
Feb 17	171.0	169.3	172.4
Feb 18	170.8	167.7	172.2
Feb 19	171.7	169.7	172.7
Feb 20	169.7	165.2	173.0
Feb 21	170.3	167.6	171.5
Feb 22	165.5	161.5	170.1
Feb 23	164.3	162.2	165.6
Feb 24	168.3	166.3	171.1
Feb 25	169.4	167.0	171.7
Feb 26	169.9	166.1	171.0
Feb 27	170.5	169.4	171.2
Summary	169.4	164.3	171.7

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 84
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	158.3	157.3	159.7
Feb 2	159.0	157.7	160.0
Feb 3	160.1	159.1	161.7
Feb 4	159.9	159.2	160.6
Feb 5	159.5	158.9	160.2
Feb 6	160.4	158.9	161.4
Feb 7	158.3	157.5	159.0
Feb 8	158.7	157.8	159.4
Feb 9	160.2	158.9	162.2
Feb 10	159.4	114.8	163.4
Feb 11	160.2	158.5	161.6
Feb 12	159.5	158.7	160.3
Feb 13	160.0	159.3	161.4
Feb 14	160.4	158.8	161.4
Feb 15	160.6	159.8	161.3
Feb 16	158.7	110.8	162.3
Feb 17	160.8	159.4	161.8
Feb 18	161.5	160.9	162.1
Feb 19	162.0	161.4	162.5
Feb 20	161.3	160.0	162.5
Feb 21	160.7	159.6	162.4
Feb 22	158.4	157.1	160.1
Feb 23	157.1	156.8	157.6
Feb 24	159.1	157.3	160.8
Feb 25	161.0	160.5	162.2
Feb 26	160.1	159.6	160.9
Feb 27	160.1	159.4	161.5
Summary	159.8	157.1	162.0

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 85
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	107.2	99.3	121.9
Feb 2	114.6	108.7	119.5
Feb 3	118.0	107.6	127.2
Feb 4	114.1	99.6	119.4
Feb 5	98.0	89.6	102.3
Feb 6	98.7	91.6	104.5
Feb 7	89.4	82.6	96.2
Feb 8	123.6	99.0	132.8
Feb 9	133.5	119.1	141.9
Feb 10	128.1	95.3	140.4
Feb 11	120.5	105.3	133.2
Feb 12	127.1	109.6	132.8
Feb 13	131.9	125.1	139.9
Feb 14	134.7	130.4	140.4
Feb 15	132.3	112.7	138.8
Feb 16	104.3	85.0	116.4
Feb 17	93.1	79.4	105.7
Feb 18	106.1	82.3	129.1
Feb 19	114.4	94.1	132.3
Feb 20	96.8	86.1	105.4
Feb 21	103.2	97.2	114.4
Feb 22	91.9	86.8	99.3
Feb 23	96.3	90.0	102.1
Feb 24	122.3	102.5	131.0
Feb 25	130.2	124.5	132.5
Feb 26	115.9	107.6	126.7
Feb 27	111.0	106.7	118.8
Summary	113.2	89.4	134.7

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 86
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	144.3	143.6	144.9
Feb 2	144.9	144.3	146.0
Feb 3	145.6	144.9	146.6
Feb 4	145.1	144.7	145.5
Feb 5	144.7	144.4	145.0
Feb 6	144.8	140.4	145.5
Feb 7	144.3	143.6	144.7
Feb 8	145.0	144.4	145.3
Feb 9	145.9	145.0	147.2
Feb 10	137.7	92.7	149.8
Feb 11	145.9	144.9	146.8
Feb 12	145.4	144.8	146.0
Feb 13	145.8	145.1	147.0
Feb 14	146.3	145.3	147.0
Feb 15	146.2	145.9	146.7
Feb 16	146.7	146.0	147.4
Feb 17	146.8	146.0	147.7
Feb 18	147.0	146.7	147.3
Feb 19	147.2	147.0	147.4
Feb 20	146.5	146.1	146.9
Feb 21	146.3	145.7	147.5
Feb 22	145.4	144.8	146.4
Feb 23	145.1	144.7	145.6
Feb 24	146.1	145.3	146.8
Feb 25	146.9	146.5	147.4
Feb 26	144.7	143.0	147.0
Feb 27	144.0	142.9	145.2
Summary	145.4	137.7	147.2

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 87
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	33.2	29.9	49.1
Feb 2	40.6	29.9	58.0
Feb 3	50.3	36.6	80.6
Feb 4	40.6	20.3	47.1
Feb 5	38.0	34.3	44.2
Feb 6	40.7	35.9	46.1
Feb 7	39.1	30.3	51.2
Feb 8	38.2	29.9	48.9
Feb 9	53.5	40.4	79.3
Feb 10	56.4	41.8	79.1
Feb 11	59.2	44.9	71.7
Feb 12	50.4	40.7	65.3
Feb 13	51.0	35.4	71.5
Feb 14	55.4	36.7	75.8
Feb 15	52.6	49.8	57.3
Feb 16	62.0	48.1	83.6
Feb 17	61.4	44.1	84.3
Feb 18	61.3	54.6	67.3
Feb 19	63.1	59.4	68.4
Feb 20	65.6	56.3	77.8
Feb 21	63.6	55.3	85.2
Feb 22	41.7	31.3	54.2
Feb 23	32.8	29.9	38.2
Feb 24	40.8	31.7	49.2
Feb 25	54.4	43.7	65.5
Feb 26	53.1	46.3	62.3
Feb 27	60.9	46.5	82.1
Summary	50.4	32.8	65.6

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 88

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	161.8	161.2	162.6
Feb 2	162.0	161.5	162.4
Feb 3	162.5	161.9	163.7
Feb 4	162.1	161.4	162.6
Feb 5	161.6	161.3	161.9
Feb 6	161.5	160.2	162.2
Feb 7	160.1	159.2	160.9
Feb 8	160.5	159.7	161.1
Feb 9	161.2	160.6	162.4
Feb 10	161.1	149.4	163.2
Feb 11	161.2	158.0	162.0
Feb 12	162.6	161.7	163.4
Feb 13	163.4	162.5	164.4
Feb 14	163.7	162.7	164.5
Feb 15	164.2	163.7	165.1
Feb 16	163.9	163.1	164.8
Feb 17	164.8	163.2	167.7
Feb 18	165.9	165.5	166.4
Feb 19	166.1	165.3	166.4
Feb 20	165.4	164.5	166.7
Feb 21	164.9	164.1	165.9
Feb 22	163.6	162.4	164.6
Feb 23	162.4	162.0	162.8
Feb 24	163.5	162.6	164.6
Feb 25	164.2	163.7	164.6
Feb 26	163.7	163.2	164.5
Feb 27	163.6	163.2	164.6
Summary	163.0	160.1	166.1

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 89

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	175.1	162.5	185.9
Feb 2	185.8	184.4	187.2
Feb 3	186.3	176.0	188.9
Feb 4	186.8	184.5	188.3
Feb 5	185.0	181.5	186.7
Feb 6	185.3	182.5	186.4
Feb 7	181.4	172.9	185.3
Feb 8	185.2	183.5	186.1
Feb 9	186.4	185.4	187.3
Feb 10	186.3	182.1	188.0
Feb 11	184.8	182.0	186.1
Feb 12	184.9	183.4	185.9
Feb 13	185.4	184.4	186.6
Feb 14	186.0	184.8	187.3
Feb 15	186.4	185.5	187.2
Feb 16	186.5	181.2	188.3
Feb 17	186.4	185.0	187.7
Feb 18	186.7	185.7	187.5
Feb 19	187.0	184.9	187.7
Feb 20	185.5	182.9	187.8
Feb 21	185.5	183.4	187.2
Feb 22	181.7	179.1	184.9
Feb 23	180.1	178.4	181.8
Feb 24	182.1	180.1	184.7
Feb 25	183.5	180.8	185.3
Feb 26	183.8	180.4	186.0
Feb 27	183.3	181.1	184.6
Summary	184.6	175.1	187.0

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 90

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	129.4	128.8	129.9
Feb 2	129.7	128.9	130.4
Feb 3	130.0	129.5	130.9
Feb 4	129.8	129.5	130.1
Feb 5	129.4	129.2	129.6
Feb 6	129.3	128.3	129.7
Feb 7	128.8	128.3	129.1
Feb 8	129.1	128.7	129.4
Feb 9	129.0	128.5	129.8
Feb 10	128.2	110.6	129.9
Feb 11	129.3	128.6	129.8
Feb 12	128.9	128.5	129.3
Feb 13	129.1	128.6	129.9
Feb 14	129.3	128.7	129.8
Feb 15	128.9	128.5	129.3
Feb 16	129.2	128.8	129.9
Feb 17	129.0	128.6	129.8
Feb 18	128.7	128.5	129.0
Feb 19	128.8	128.4	129.2
Feb 20	128.9	128.5	129.3
Feb 21	128.8	128.3	129.3
Feb 22	127.8	127.4	128.5
Feb 23	127.6	127.1	127.9
Feb 24	128.1	127.8	128.5
Feb 25	128.4	128.2	128.7
Feb 26	128.2	128.0	128.8
Feb 27	128.2	127.5	129.0
Summary	128.9	127.6	130.0

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 91

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	151.1	147.3	153.9
Feb 2	153.3	151.6	155.3
Feb 3	155.0	145.1	157.3
Feb 4	154.1	152.2	155.5
Feb 5	153.0	151.8	154.6
Feb 6	153.6	149.5	155.6
Feb 7	150.5	146.4	154.1
Feb 8	153.3	150.3	154.9
Feb 9	155.0	152.3	158.2
Feb 10	154.6	125.7	158.0
Feb 11	154.4	148.6	157.4
Feb 12	154.0	148.7	156.3
Feb 13	154.8	153.0	156.6
Feb 14	155.6	152.1	158.6
Feb 15	154.9	150.8	157.1
Feb 16	155.4	153.7	157.0
Feb 17	155.8	153.8	158.3
Feb 18	155.7	153.2	156.8
Feb 19	156.6	153.3	158.3
Feb 20	155.0	147.8	158.5
Feb 21	155.0	152.4	157.8
Feb 22	149.9	146.7	154.3
Feb 23	148.6	146.8	150.3
Feb 24	152.5	149.8	155.2
Feb 25	154.3	151.1	156.1
Feb 26	153.8	149.5	156.0
Feb 27	154.1	149.5	157.7
Summary	153.8	148.6	156.6

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 92
 Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	63.6	47.1	83.6
Feb 2	81.2	67.4	99.9
Feb 3	97.5	62.1	127.6
Feb 4	91.9	69.4	108.8
Feb 5	67.9	61.2	78.2
Feb 6	65.2	53.6	81.4
Feb 7	56.8	45.8	79.1
Feb 8	72.8	60.3	85.3
Feb 9	91.5	80.0	105.2
Feb 10	92.8	81.8	101.8
Feb 11	78.1	57.9	96.8
Feb 12	76.0	60.1	85.6
Feb 13	82.4	77.4	88.1
Feb 14	84.8	70.5	98.4
Feb 15	81.7	73.2	92.9
Feb 16	87.9	69.5	105.9
Feb 17	87.1	72.2	109.7
Feb 18	84.8	75.5	93.2
Feb 19	91.6	81.0	100.1
Feb 20	83.5	67.0	97.4
Feb 21	82.8	67.8	100.2
Feb 22	50.8	38.8	69.2
Feb 23	41.1	37.8	44.2
Feb 24	54.1	41.5	71.0
Feb 25	70.5	64.1	83.0
Feb 26	69.7	62.4	76.6
Feb 27	78.3	68.7	92.6
Summary	76.5	41.1	97.5

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 93

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	32.5	29.9	52.5
Feb 2	35.9	29.9	49.2
Feb 3	43.6	29.9	74.2
Feb 4	48.3	38.8	55.5
Feb 5	35.7	32.3	40.9
Feb 6	35.1	30.8	40.8
Feb 7	36.1	29.9	52.1
Feb 8	38.4	30.6	45.8
Feb 9	48.0	36.7	74.6
Feb 10	49.9	32.9	78.7
Feb 11	53.1	37.4	68.2
Feb 12	40.9	29.9	62.5
Feb 13	42.0	29.9	70.4
Feb 14	45.7	29.9	73.6
Feb 15	46.9	43.8	50.2
Feb 16	55.3	38.4	87.4
Feb 17	50.5	35.2	77.9
Feb 18	53.4	43.4	62.6
Feb 19	57.9	53.6	66.1
Feb 20	59.9	47.3	76.8
Feb 21	57.6	45.4	83.2
Feb 22	37.1	29.9	50.5
Feb 23	30.6	29.9	33.7
Feb 24	34.6	29.9	45.0
Feb 25	45.8	32.9	60.9
Feb 26	49.8	42.6	55.8
Feb 27	53.7	39.4	84.0
Summary	45.1	30.6	59.9

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 94

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	98.5	93.1	106.1
Feb 2	100.7	94.8	108.2
Feb 3	101.2	90.4	111.0
Feb 4	105.5	97.4	110.1
Feb 5	94.8	90.6	98.8
Feb 6	88.1	80.4	92.6
Feb 7	84.4	78.0	93.5
Feb 8	91.3	83.6	97.7
Feb 9	88.2	85.7	93.1
Feb 10	86.9	80.2	95.8
Feb 11	76.7	70.7	82.8
Feb 12	72.6	69.2	79.2
Feb 13	72.6	66.2	82.7
Feb 14	73.5	64.0	85.0
Feb 15	69.4	67.5	75.0
Feb 16	76.1	67.5	91.0
Feb 17	73.6	65.6	85.3
Feb 18	70.8	66.6	75.3
Feb 19	71.2	69.0	75.3
Feb 20	71.6	66.6	78.7
Feb 21	71.6	65.6	84.3
Feb 22	54.3	46.7	65.8
Feb 23	46.7	44.5	51.9
Feb 24	53.7	46.8	59.6
Feb 25	64.0	56.2	71.2
Feb 26	68.6	60.5	75.7
Feb 27	70.9	63.3	83.9
Summary	77.7	46.7	105.5

Solid Waste Permit 588 Daily Wellhead Temperature
Averages for Well 95
Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	129.6	127.3	131.7
Feb 2	130.2	122.7	134.5
Feb 3	122.7	112.1	128.7
Feb 4	128.0	115.9	133.6
Feb 5	131.4	130.3	132.5
Feb 6	132.4	130.4	133.9
Feb 7	130.2	127.4	133.9
Feb 8	130.8	128.4	133.6
Feb 9	131.2	123.4	137.2
Feb 10	132.6	91.5	136.2
Feb 11	134.8	133.7	136.0
Feb 12	132.8	131.5	135.5
Feb 13	129.5	123.0	134.3
Feb 14	133.8	130.0	136.5
Feb 15	133.9	133.0	134.9
Feb 16	134.1	122.2	135.8
Feb 17	135.0	133.8	136.2
Feb 18	134.7	133.8	135.3
Feb 19	135.0	134.3	135.8
Feb 20	135.0	134.2	136.0
Feb 21	134.3	132.9	135.9
Feb 22	132.2	131.1	133.9
Feb 23	128.3	105.6	132.0
Feb 24	130.3	103.9	133.8
Feb 25	133.5	131.4	134.5
Feb 26	133.2	132.0	135.9
Feb 27	133.7	131.3	136.1
Summary	132.0	122.7	135.0

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 96

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	122.4	119.8	125.5
Feb 2	124.3	122.3	126.7
Feb 3	125.0	118.5	127.8
Feb 4	125.1	122.5	127.1
Feb 5	122.1	120.7	123.3
Feb 6	120.8	117.3	122.0
Feb 7	119.6	115.5	123.3
Feb 8	122.8	121.7	124.3
Feb 9	122.3	117.8	125.0
Feb 10	122.9	95.2	125.8
Feb 11	120.5	113.2	124.0
Feb 12	121.6	116.3	124.7
Feb 13	122.6	121.1	125.0
Feb 14	122.2	115.2	125.4
Feb 15	121.0	116.6	124.1
Feb 16	123.4	120.5	125.6
Feb 17	121.4	119.0	124.8
Feb 18	122.2	120.5	123.5
Feb 19	121.4	118.4	123.7
Feb 20	118.3	109.3	121.9
Feb 21	120.1	116.7	122.1
Feb 22	114.8	113.0	120.0
Feb 23	116.0	113.2	118.5
Feb 24	119.8	117.7	121.5
Feb 25	120.0	116.2	122.5
Feb 26	119.7	99.5	123.1
Feb 27	117.4	106.2	123.1
Summary	121.1	114.8	125.1

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 97

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	151.8	149.4	153.6
Feb 2	153.2	151.3	155.2
Feb 3	155.1	152.9	157.4
Feb 4	152.8	151.7	153.9
Feb 5	153.6	152.0	155.2
Feb 6	155.0	152.5	156.9
Feb 7	151.6	148.0	153.7
Feb 8	152.5	150.4	154.7
Feb 9	155.3	152.2	160.0
Feb 10	155.5	143.7	160.0
Feb 11	155.9	151.8	158.3
Feb 12	154.5	151.7	156.4
Feb 13	155.0	153.4	156.8
Feb 14	155.9	153.8	161.2
Feb 15	153.9	151.3	156.0
Feb 16	154.5	152.9	156.9
Feb 17	156.0	153.6	159.1
Feb 18	155.4	153.4	156.6
Feb 19	156.5	151.1	159.5
Feb 20	157.5	152.8	160.0
Feb 21	155.4	151.3	157.8
Feb 22	150.2	146.7	154.4
Feb 23	147.4	145.9	149.7
Feb 24	150.9	148.5	154.0
Feb 25	153.4	151.5	154.2
Feb 26	152.1	150.2	157.6
Feb 27	153.3	148.7	160.0
Summary	153.9	147.4	157.5

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 98

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	38.2	32.1	52.2
Feb 2	40.2	30.6	50.0
Feb 3	51.4	39.4	70.9
Feb 4	51.6	47.7	55.7
Feb 5	45.1	43.0	48.7
Feb 6	44.6	41.2	48.3
Feb 7	44.2	37.1	55.1
Feb 8	41.6	34.9	49.6
Feb 9	52.3	44.6	71.4
Feb 10	53.0	43.0	71.2
Feb 11	57.0	48.3	66.2
Feb 12	49.8	42.0	62.4
Feb 13	50.0	39.6	67.7
Feb 14	52.3	40.1	69.1
Feb 15	53.8	51.4	56.2
Feb 16	58.3	48.1	76.3
Feb 17	56.2	45.4	73.9
Feb 18	57.9	52.4	63.3
Feb 19	60.7	58.9	65.8
Feb 20	62.8	54.2	74.2
Feb 21	60.9	53.7	77.3
Feb 22	46.7	39.4	56.2
Feb 23	39.8	38.1	42.8
Feb 24	45.1	39.3	51.6
Feb 25	55.3	47.2	63.9
Feb 26	57.0	51.5	62.0
Feb 27	59.7	51.1	79.1
Summary	51.3	38.2	62.8

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 99

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	141.8	141.2	142.4
Feb 2	142.5	141.9	143.1
Feb 3	142.8	142.3	143.9
Feb 4	142.7	142.3	143.0
Feb 5	142.5	142.2	142.7
Feb 6	142.5	141.8	142.8
Feb 7	141.9	141.3	142.3
Feb 8	142.4	142.1	142.8
Feb 9	143.0	142.3	144.0
Feb 10	141.9	104.0	144.3
Feb 11	143.1	142.7	143.7
Feb 12	142.8	142.4	143.5
Feb 13	143.1	142.8	143.8
Feb 14	143.4	142.8	144.3
Feb 15	143.0	142.6	143.5
Feb 16	142.1	110.1	144.2
Feb 17	143.7	143.1	144.3
Feb 18	143.6	143.3	144.0
Feb 19	143.6	143.2	143.9
Feb 20	143.4	142.9	143.9
Feb 21	143.4	143.0	144.3
Feb 22	142.8	142.3	143.3
Feb 23	142.9	142.5	143.3
Feb 24	143.5	143.1	143.9
Feb 25	143.8	143.5	144.1
Feb 26	141.6	140.3	143.6
Feb 27	142.4	141.0	143.8
Summary	142.8	141.6	143.8

Solid Waste Permit 588 Daily Wellhead Temperature

Averages for Well 100

Bristol, Virginia

Date	Average (°F)	Minimum (°F)	Maximum (°F)
Feb 1	156.3	155.9	156.8
Feb 2	137.7	131.8	156.9
Feb 3	157.2	156.8	157.7
Feb 4	147.0	142.5	159.3
Feb 5	156.8	156.5	157.1
Feb 6	147.5	140.8	159.4
Feb 7	156.1	155.7	156.5
Feb 8	140.0	128.5	143.4
Feb 9	156.8	156.3	157.3
Feb 10	139.1	63.4	147.2
Feb 11	156.8	156.2	157.5
Feb 12	141.3	136.5	144.4
Feb 13	156.6	156.2	156.9
Feb 14	139.3	136.6	141.9
Feb 15	156.6	156.1	156.9
Feb 16	143.3	136.2	156.9
Feb 17	156.8	156.4	157.2
Feb 18	143.7	141.8	147.7
Feb 19	156.9	156.6	157.2
Feb 20	142.8	133.4	149.2
Feb 21	156.2	155.5	156.5
Feb 22	135.7	131.5	139.6
Feb 23	154.8	154.4	155.2
Feb 24	135.7	134.0	137.4
Feb 25	155.9	155.7	156.2
Feb 26	136.8	124.4	142.9
Feb 27	155.7	155.4	156.3
Summary	156.4	154.8	157.2

Appendix D

Solid Waste Permit 588 Daily Borehole Temperature Averages

Appendix D Table of Contents

Section	Page
Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 1	D-3
Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 5	D-4
Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 6	D-5
Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 8	D-6
Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 9	D-7

Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 1

Date	Depth from Surface					
	25 ft	50 ft	75 ft	100 ft	125 ft	150 ft
1-Feb	159.4	226.5	223.5	227.6	246.4	260.1
2-Feb	159.7	227.1	223.8	227.5	246.3	260.2
3-Feb	160.3	227.6	224.0	227.9	246.8	260.6
4-Feb	160.3	225.7	223.6	228.5	246.7	260.5
5-Feb	159.8	225.5	223.7	228.1	246.7	260.4
6-Feb	158.8	225.0	223.3	228.6	246.7	260.4
7-Feb	157.9	225.7	223.8	228.4	246.7	260.4
8-Feb	157.2	226.3	224.0	228.2	246.7	260.3
9-Feb	157.3	226.0	224.2	228.8	247.0	260.7
10-Feb	157.0	226.9	224.3	228.5	247.1	260.7
11-Feb	156.6	226.6	224.4	228.8	247.2	260.7
12-Feb	155.8	226.6	224.1	228.3	246.8	260.5
13-Feb	155.6	234.6	224.2	225.3	247.0	260.5
14-Feb	155.5	226.2	224.3	228.8	247.1	260.7
15-Feb	155.1	225.9	224.1	228.8	247.0	260.6
16-Feb	155.5	226.5	224.6	229.1	247.4	260.8
17-Feb	155.2	226.5	224.7	229.2	247.5	260.9
18-Feb	154.9	226.3	224.6	229.3	247.6	260.8
19-Feb	155.3	226.2	224.8	229.5	247.8	261.1
20-Feb	155.5	226.4	224.8	229.6	247.8	261.1
21-Feb	155.0	226.2	224.8	229.5	247.8	260.9
22-Feb	154.1	225.5	224.2	228.9	247.1	260.4
23-Feb	154.6	224.9	224.1	229.0	247.2	260.3
24-Feb	155.5	224.9	224.1	229.1	247.2	260.4
25-Feb	156.2	225.2	224.5	229.5	247.6	260.7
26-Feb	156.0	225.3	224.5	229.5	247.6	260.7
27-Feb	156.4	225.4	224.7	229.7	247.8	260.8
28-Feb	156.7	225.3	224.7	229.7	247.9	260.8
Average	156.7	226.3	224.2	228.7	247.2	260.6

Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 5

Date	Depth from Surface							
	25 ft	50 ft	75 ft	100 ft	125 ft	150 ft	175 ft	200 ft
1-Feb	176.2	211.7	211.9	221.8	230.0	233.0	211.6	201.8
2-Feb	174.8	211.6	211.9	221.7	230.0	232.9	211.4	201.7
3-Feb	174.9	212.0	212.1	221.9	230.3	233.2	211.6	202.0
4-Feb	174.8	211.7	211.9	221.8	230.1	233.1	211.2	201.8
5-Feb	175.0	211.9	212.0	221.9	230.1	233.1	211.1	201.8
6-Feb	174.6	211.9	212.0	221.9	230.2	233.1	211.0	201.7
7-Feb	174.1	212.0	212.2	222.1	230.3	233.2	211.0	201.9
8-Feb	174.5	211.8	212.0	221.9	230.1	233.0	210.6	201.6
9-Feb	174.8	212.2	212.4	222.2	230.5	233.4	210.9	202.1
10-Feb	174.6	212.2	212.3	222.3	230.5	233.3	210.5	201.9
11-Feb	175.9	212.4	212.5	222.3	230.7	233.5	210.6	202.1
12-Feb	177.4	212.1	212.2	222.2	230.4	233.3	210.2	201.9
13-Feb	178.2	212.1	212.3	222.2	230.5	233.3	210.1	201.9
14-Feb	178.6	212.1	212.3	222.2	230.6	233.4	210.0	201.9
15-Feb	179.6	211.9	212.1	222.0	230.4	233.2	209.7	201.7
16-Feb	181.6	212.3	212.5	222.3	230.8	233.5	209.9	202.1
17-Feb	182.6	212.3	212.5	222.3	230.6	233.4	209.7	202.0
18-Feb	182.8	212.1	212.2	222.2	230.5	233.4	209.4	201.8
19-Feb	182.9	212.2	212.4	222.3	230.7	233.5	209.4	202.1
20-Feb	182.6	212.4	212.6	222.4	230.8	233.6	209.4	202.2
21-Feb	182.0	212.3	212.4	222.3	230.8	233.6	209.2	202.1
22-Feb	179.6	211.8	212.0	221.8	230.3	233.0	208.5	201.6
23-Feb	181.0	211.7	211.9	221.8	230.3	233.0	208.4	201.5
24-Feb	180.6	211.7	211.9	221.8	230.4	233.0	208.3	201.5
25-Feb	180.7	211.9	212.2	222.0	230.7	233.3	208.4	201.8
26-Feb	177.8	211.9	212.1	221.8	230.6	233.1	208.3	201.7
27-Feb	159.2	212.1	212.4	222.1	230.9	233.3	208.4	201.9
28-Feb	155.9	212.1	212.3	222.0	230.8	233.2	208.2	201.9
Average	176.7	212.0	212.2	222.0	230.5	233.2	209.9	201.9

Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 6

Date	Depth from Surface				
	25 ft	50 ft	75 ft	100 ft	125 ft
1-Feb	167.6	186.5	*	185.9	187.7
2-Feb	165.7	188.6	*	188.0	189.8
3-Feb	165.0	189.7	*	188.9	190.7
4-Feb	164.0	187.7	*	187.0	188.6
5-Feb	165.8	187.1	*	186.3	187.9
6-Feb	167.1	187.1	*	186.5	188.0
7-Feb	165.9	191.9	*	191.4	193.0
8-Feb	162.7	194.1	*	193.4	194.9
9-Feb	168.1	192.7	*	192.1	193.6
10-Feb	173.3	188.2	*	187.9	189.3
11-Feb	167.7	189.0	*	188.7	190.1
12-Feb	161.7	189.6	*	189.2	190.6
13-Feb	157.5	190.7	*	190.3	191.7
14-Feb	156.0	189.8	*	189.5	190.8
15-Feb	158.5	189.8	*	189.2	190.7
16-Feb	162.1	190.6	*	190.1	191.6
17-Feb	159.6	189.8	*	189.3	190.6
18-Feb	162.4	190.2	*	189.8	191.0
19-Feb	162.4	190.2	*	189.8	191.2
20-Feb	160.6	190.5	*	190.2	191.6
21-Feb	159.4	190.6	*	190.3	191.7
22-Feb	157.9	189.0	*	188.7	190.1
23-Feb	155.8	188.7	*	188.4	189.6
24-Feb	150.4	189.6	*	189.4	190.6
25-Feb	151.9	197.2	*	197.0	198.4
26-Feb	152.0	194.8	*	194.5	195.6
27-Feb	146.2	192.4	*	192.6	194.5
28-Feb	153.8	175.2	*	179.5	182.0
Average	160.8	189.7	N/A	189.4	190.9

* Indicates sensor reading issues

Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 8

Date	Depth from Surface							
	25 ft	50 ft	75 ft	100 ft	125 ft	150 ft	175 ft	200 ft
1-Feb	179.3	192.2	192.5	194.8	198.9	198.4	185.5	168.1
2-Feb	179.8	192.1	192.4	194.7	198.8	198.3	185.3	167.9
3-Feb	179.1	192.5	192.8	195.1	199.1	198.7	185.6	168.3
4-Feb	163.9	192.5	192.7	195.0	199.0	198.5	185.4	168.1
5-Feb	168.6	192.4	192.6	194.8	198.9	198.5	185.5	168.1
6-Feb	170.8	192.3	192.5	194.7	198.8	198.5	185.6	168.1
7-Feb	168.5	192.4	192.7	194.9	199.0	198.6	185.7	168.2
8-Feb	169.2	192.3	192.6	194.9	199.0	198.4	185.4	168.0
9-Feb	171.0	192.8	193.0	195.2	199.3	198.8	185.8	168.4
10-Feb	172.4	192.8	193.1	195.3	199.4	198.9	185.9	168.4
11-Feb	170.1	192.9	193.1	195.3	199.4	198.9	185.9	168.5
12-Feb	171.1	192.6	192.8	195.1	199.1	198.6	185.5	168.0
13-Feb	173.0	192.6	192.9	195.2	199.2	198.7	185.5	168.2
14-Feb	174.1	192.7	193.0	195.3	199.4	198.8	185.7	168.2
15-Feb	173.1	192.6	192.8	195.0	199.1	198.7	185.7	168.1
16-Feb	168.5	192.9	193.1	195.3	199.4	198.9	185.9	168.3
17-Feb	172.0	192.8	193.1	195.3	199.4	198.9	185.8	168.4
18-Feb	173.9	192.8	193.0	195.2	199.3	198.9	185.8	168.4
19-Feb	163.3	193.0	193.1	195.4	199.4	199.0	186.0	168.4
20-Feb	161.5	193.1	193.2	195.4	199.5	199.2	186.2	168.6
21-Feb	165.2	193.0	193.2	195.5	199.6	199.1	186.3	168.7
22-Feb	166.6	192.4	192.6	195.0	199.0	198.5	185.8	168.0
23-Feb	166.5	192.3	192.6	195.0	199.0	198.4	185.7	167.9
24-Feb	168.7	192.3	192.6	194.9	199.0	198.5	185.9	167.9
25-Feb	169.5	192.6	192.9	195.1	199.2	198.8	186.3	168.3
26-Feb	154.4	192.7	192.8	195.2	199.2	198.8	186.3	168.3
27-Feb	159.7	193.0	193.2	195.5	199.6	199.0	186.6	168.7
28-Feb	161.8	192.8	193.0	195.3	199.4	198.8	186.2	168.4
Average	169.1	192.6	192.9	195.1	199.2	198.7	185.8	168.2

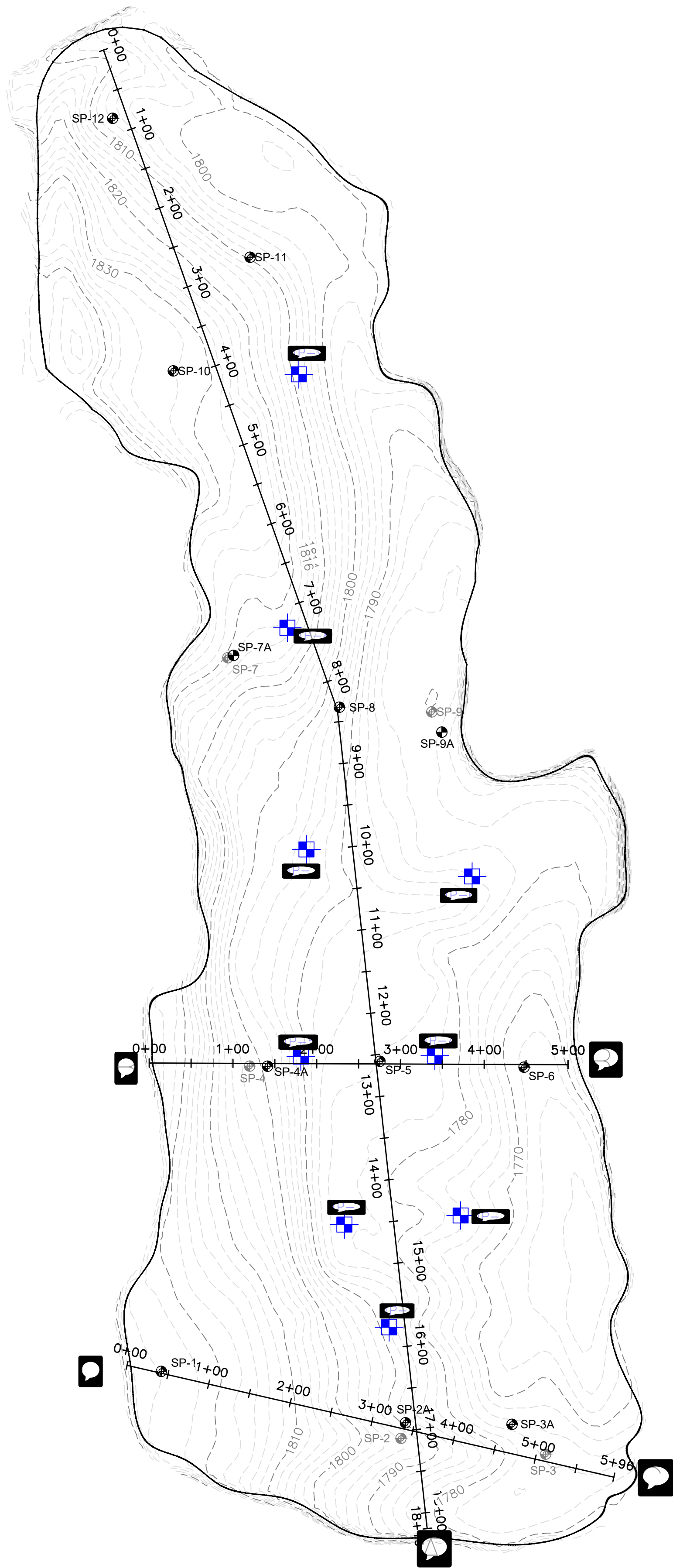
Solid Waste Permit 588 Daily Borehole Temperature Averages for Borehole 9

Date	Depth from Surface							
	25 ft	50 ft	75 ft	100 ft	125 ft	150 ft	175 ft	200 ft
1-Feb	109.4	148.4	148.1	146.3	141.4	129.0	114.3	102.4
2-Feb	109.5	148.4	148.2	146.3	141.5	129.0	114.3	102.3
3-Feb	110.2	149.0	148.6	146.8	142.0	129.6	114.8	102.8
4-Feb	109.8	148.8	148.4	146.8	141.9	129.5	114.7	102.7
5-Feb	108.9	148.5	147.9	146.8	141.9	129.5	114.6	102.6
6-Feb	108.8	148.3	147.7	146.7	141.9	129.5	114.6	102.5
7-Feb	109.3	148.7	148.2	146.9	142.0	129.5	114.7	102.5
8-Feb	109.0	148.4	148.1	146.6	141.7	129.4	114.5	102.2
9-Feb	109.8	149.1	148.6	147.1	142.3	130.0	115.1	102.6
10-Feb	109.8	149.1	148.6	147.5	142.5	130.2	115.3	102.9
11-Feb	110.2	149.3	148.7	147.5	142.7	130.3	115.4	103.0
12-Feb	109.8	148.9	148.4	147.0	142.1	129.8	114.9	102.6
13-Feb	109.9	148.9	148.5	146.9	142.2	129.8	114.9	102.7
14-Feb	110.0	149.0	148.6	147.1	142.3	129.9	115.1	102.9
15-Feb	109.7	148.7	148.2	146.9	142.1	130.0	114.9	102.7
16-Feb	110.4	149.2	148.7	147.4	142.6	130.5	115.3	103.2
17-Feb	110.3	149.2	148.8	147.4	142.6	130.6	115.3	103.3
18-Feb	109.9	148.9	148.3	147.3	142.5	130.4	115.2	103.1
19-Feb	110.1	148.9	148.4	147.4	142.6	130.4	115.3	103.2
20-Feb	110.5	149.2	148.7	147.7	142.8	130.6	115.5	103.4
21-Feb	110.3	149.2	148.7	147.5	142.7	130.4	115.4	103.3
22-Feb	109.1	148.3	147.8	146.6	141.9	129.6	114.6	102.4
23-Feb	109.0	148.1	147.6	146.4	141.7	129.6	114.5	102.1
24-Feb	109.2	148.2	147.8	146.6	141.8	129.6	114.6	102.1
25-Feb	109.7	148.5	147.9	147.1	142.3	130.1	115.0	102.6
26-Feb	109.8	148.4	147.9	147.0	142.2	130.0	114.9	102.4
27-Feb	110.2	148.9	148.4	147.3	142.6	130.4	114.3	102.8
28-Feb	110.1	148.9	148.3	147.3	142.6	130.4	114.8	102.6
Average	109.7	148.8	148.3	147.0	142.2	129.9	114.9	102.7



Appendix E

Monthly Topography Analysis



CONTOUR LINES ONLY WITHIN THE PERMIT AREA
THE TOPOGRAPHY CAPTURED ON FEBRUARY 18, 2025 BY
TERMINATION OF TOPOGRAPHY OR CONTOURS, OR ANY DEPICTION
MENTS, PROPERTY LINES, OR BOUNDARIES IS FOR GENERAL INFO
NOT BE USED FOR DESIGN, MODIFICATION, OR CONSTRUCTION
AL PROPERTY OR FLOOD PLAIN DETECTION

CONTOUR LINES ONLY WITHIN THE PERMIT AREA

THE TOPOGRAPHY CAPTURED ON FEBRUARY 18, 2025 BY

TERMINATION OF TOPOGRAPHY OR CONTOURS, OR ANY DEPICTION

MENTS, PROPERTY LINES, OR BOUNDARIES IS FOR GENERAL INFO

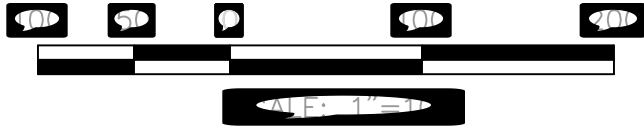
NOT BE USED FOR DESIGN, MODIFICATION, OR CONSTRUCTION

AL PROPERTY OR FLOOD PLAIN DETECTION

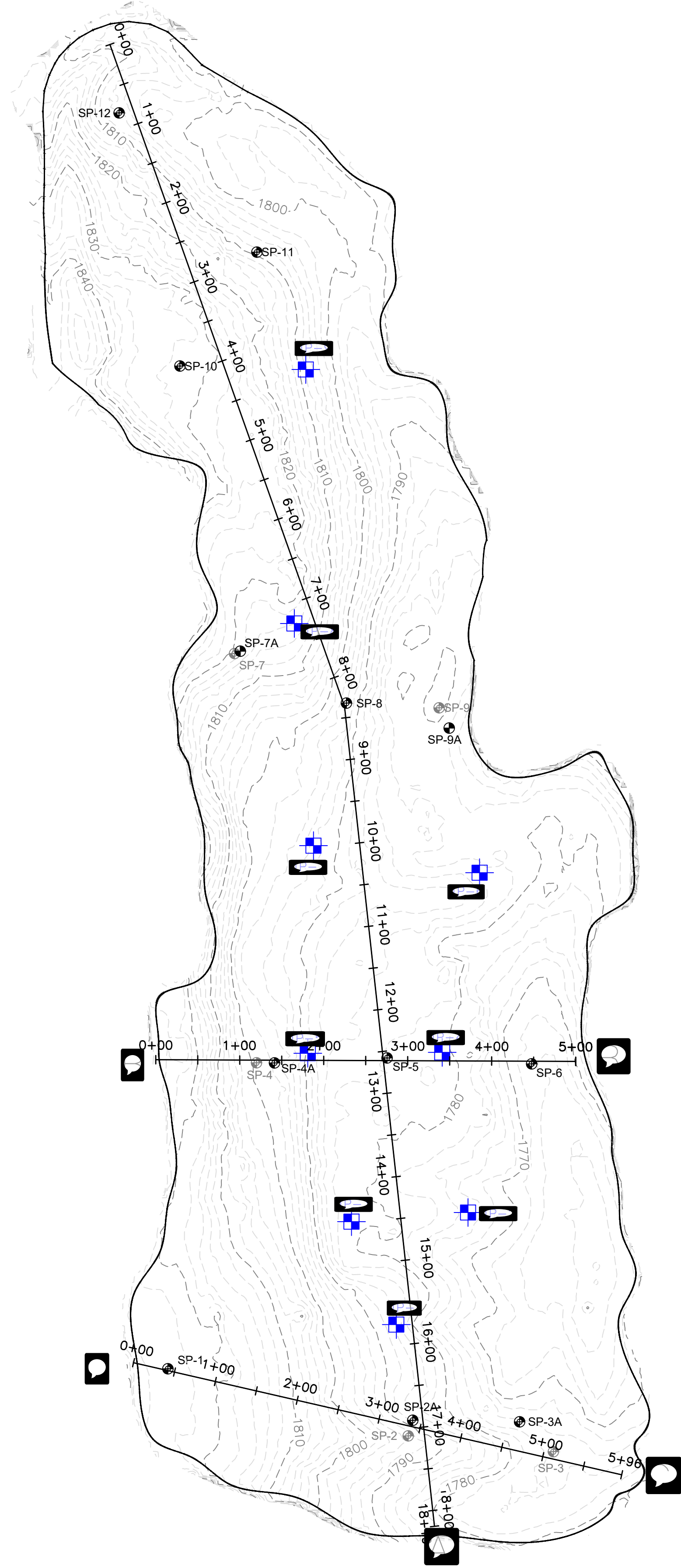
CONTOURS (EVERY 2')

APPROXIMATE SIDEWALL LOCATION

PERMIT PLATE



1		SCS ENGINEERS STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC. 1027 WEST MAIN STREET, SUITE 100 BRISTOL, VIRGINIA, VA 23113 PH. (804) 378-7440 FAX. (804) 378-7433																																																																																																																																											
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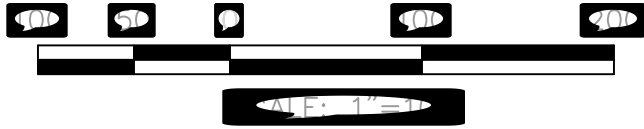


NOVEMBER 2025
LANDFILL TOPOGRAPHY

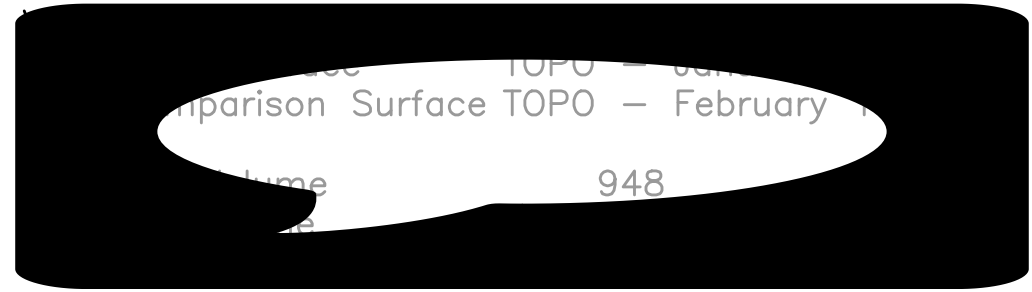
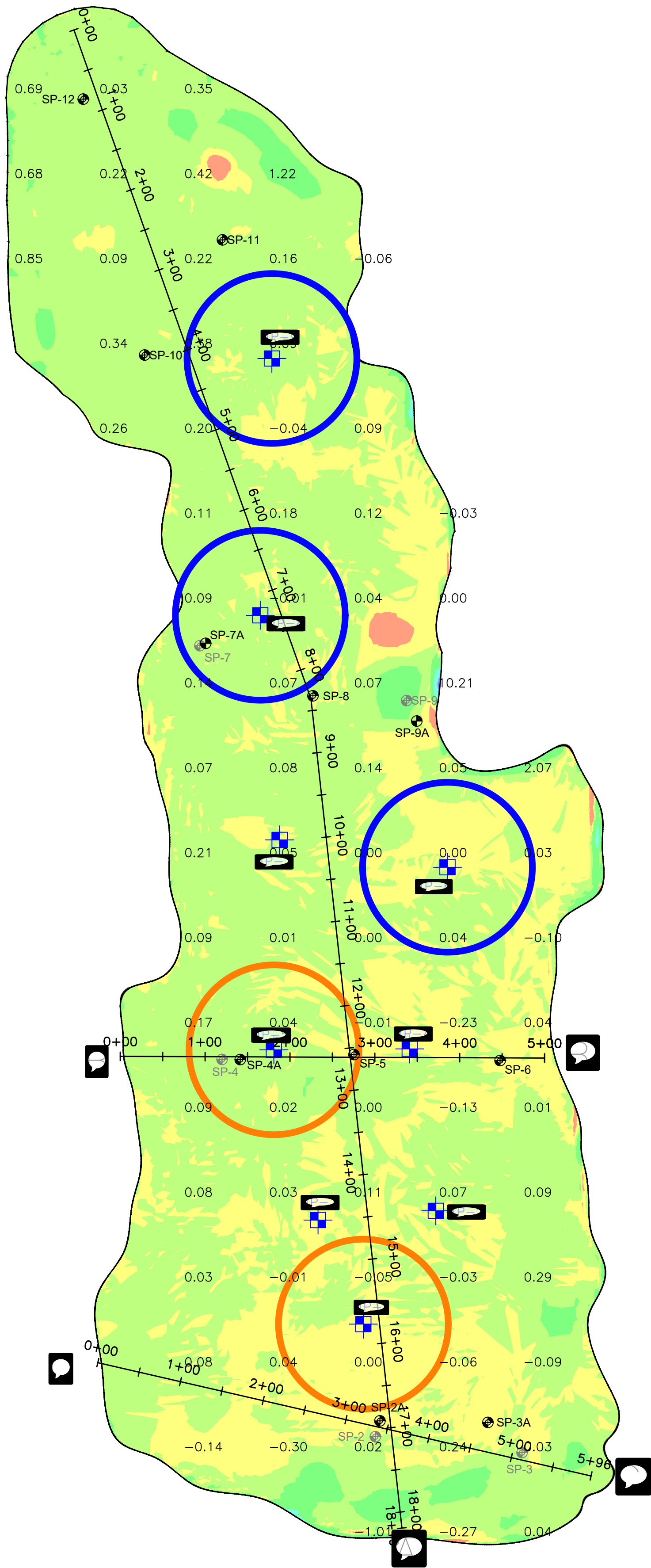
CONTOURS (EVERY 2')

APPROXIMATE SIDEWALL LOCATION

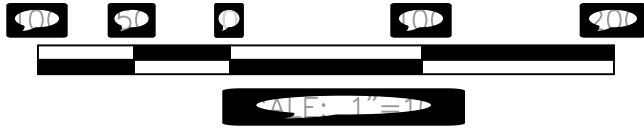
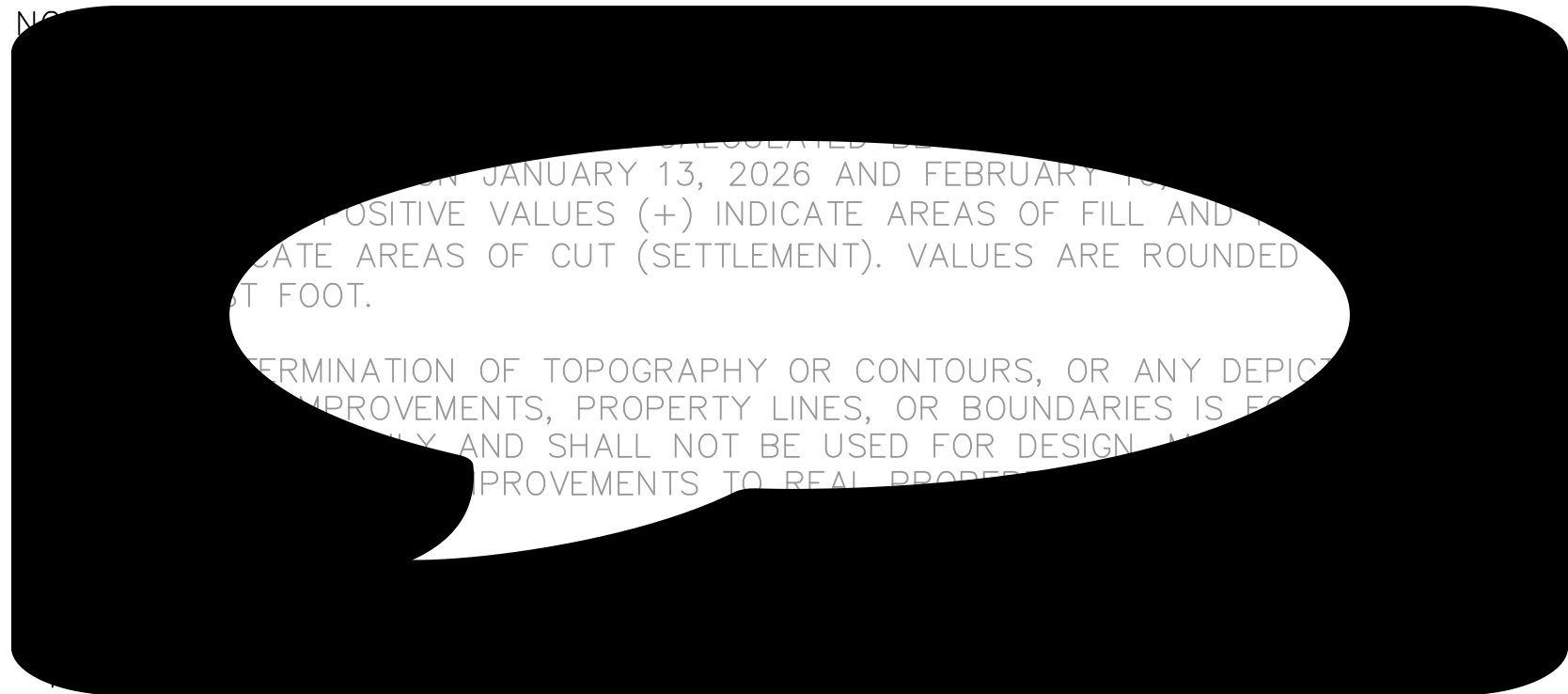
PERMIT PLATE

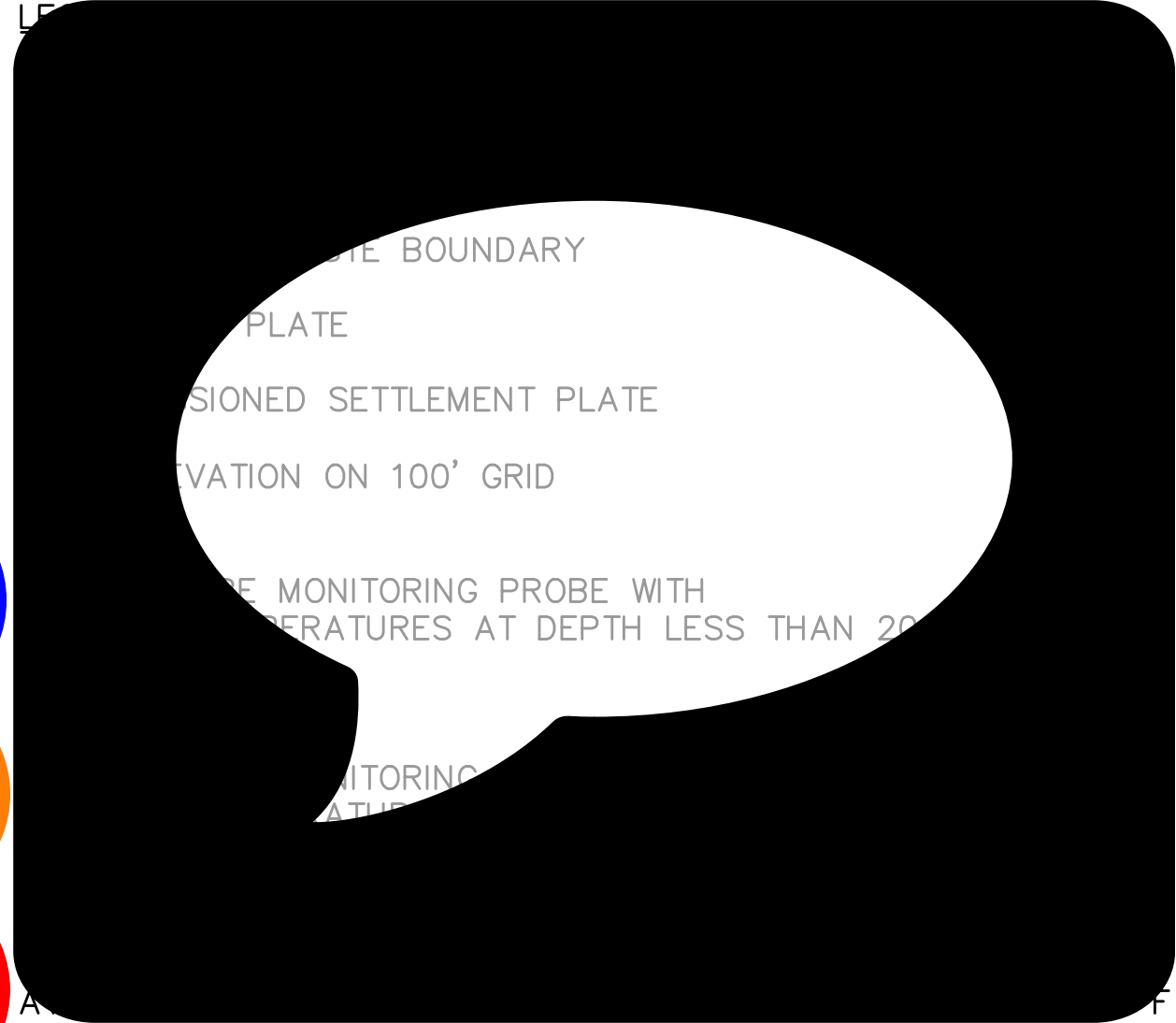
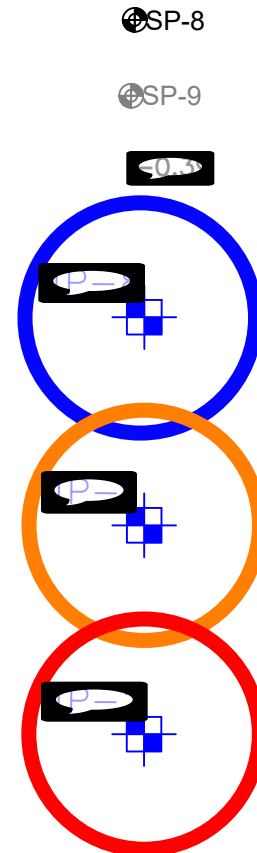
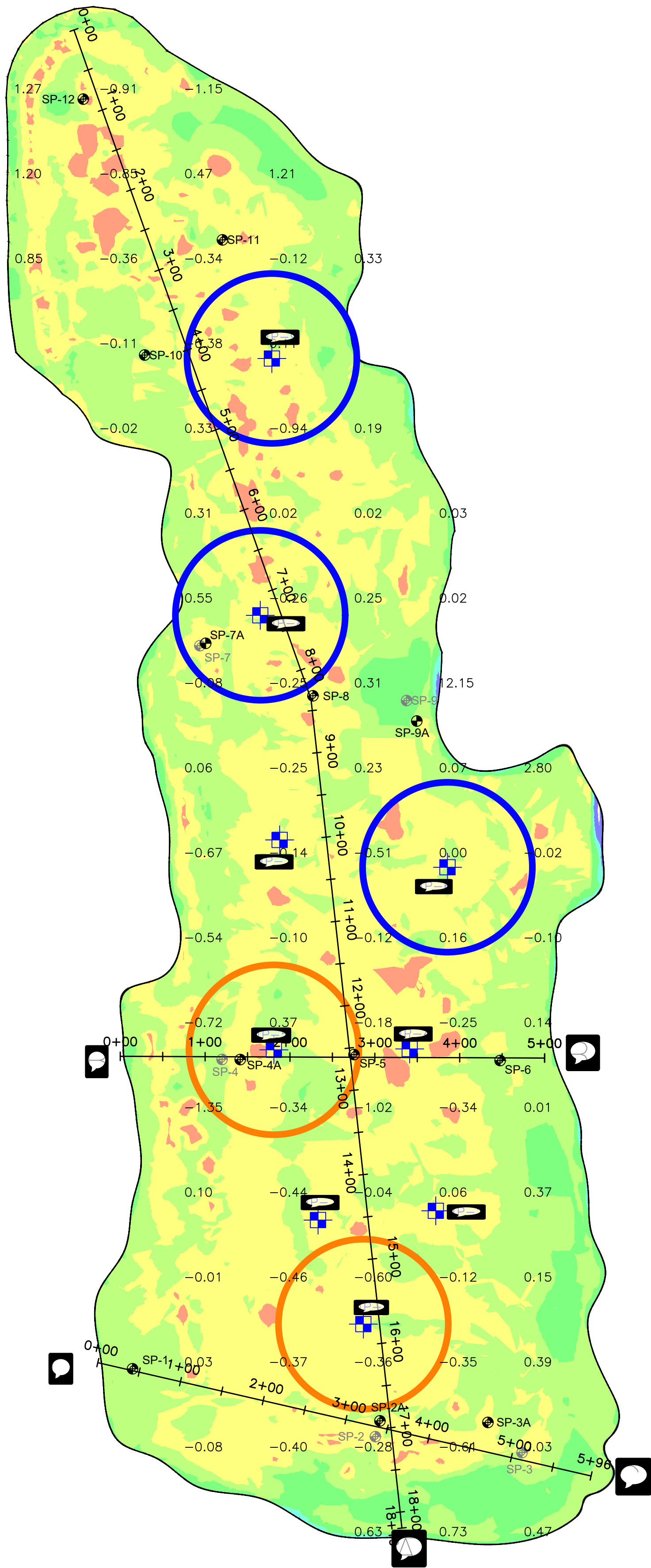


2	SCS ENGINEERS STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS, INC. 1027 E. MAIN STREET, SUITE 100 PH: (804) 378-7440 FAX: (804) 378-7433		CITY OF BRISTOL INTEGRATED SOLID WASTE MANAGEMENT FACILITY 2655 VALLEY DRIVE BRISTOL, VIRGINIA 24201		NOVEMBER 2025 LANDFILL TOPOGRAPHY		MONTHLY TOPOGRAPHY ANALYSIS SOLID WASTE PERMIT #588			

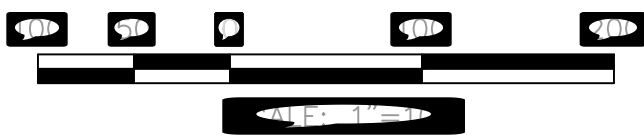
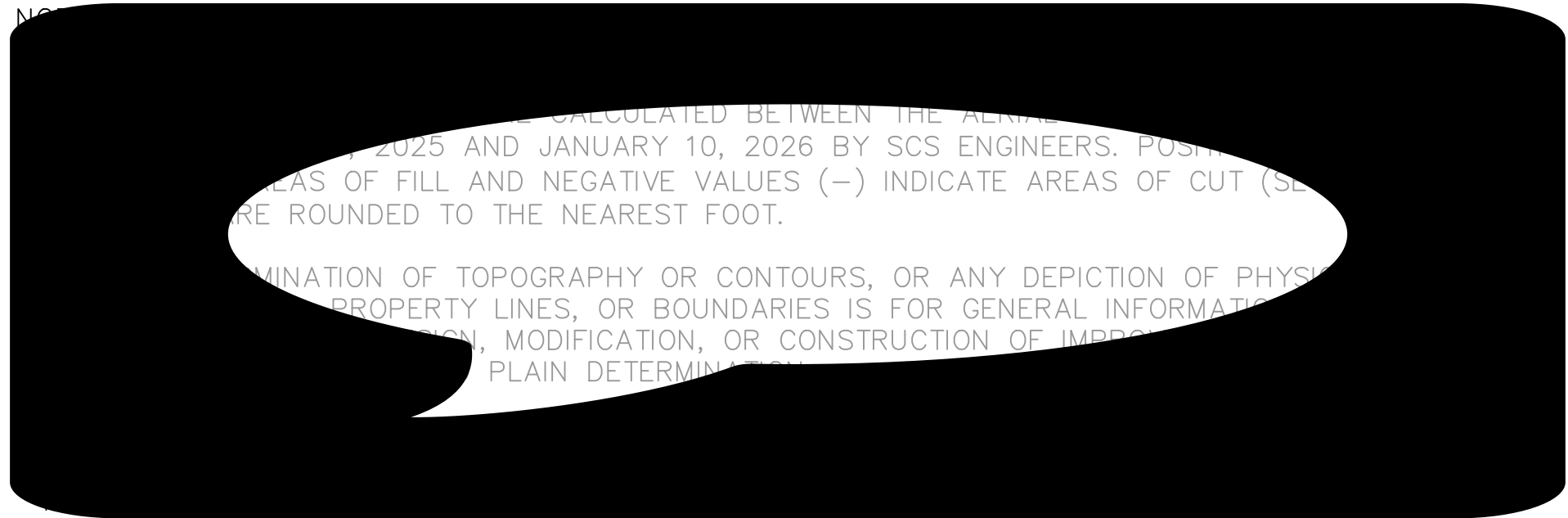


Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-20.000	-10.000	Red
2	-10.000	-5.000	Red
3	-5.000	-1.000	Red
4	-1.000	0.000	Yellow
5	0.000	1.000	Green
6	1.000	5.000	Green
7	5.000	10.000	Green
8	10.000	20.000	Blue





Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-20.000	-10.000	
2	-10.000	-5.000	
3	-5.000	-1.000	
4	-1.000	0.000	
5	0.000	1.000	
6	1.000	5.000	
7	5.000	10.000	
8	10.000	20.000	



6

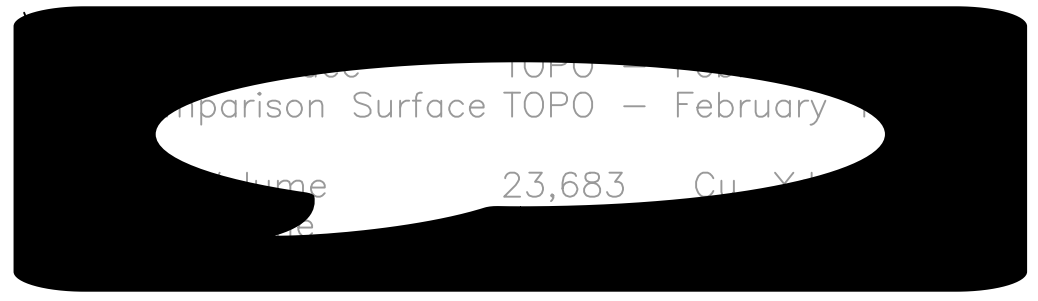
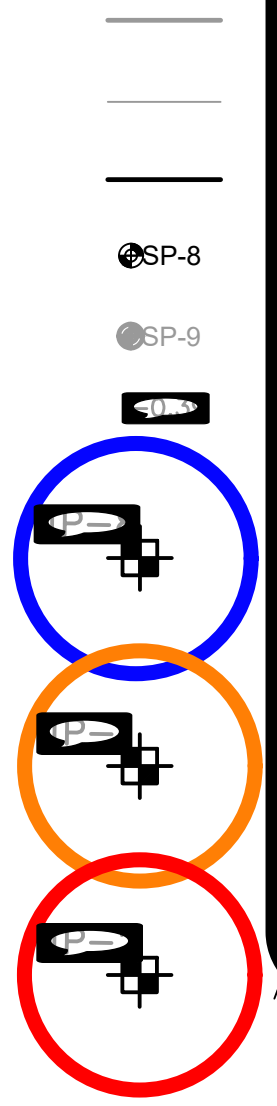
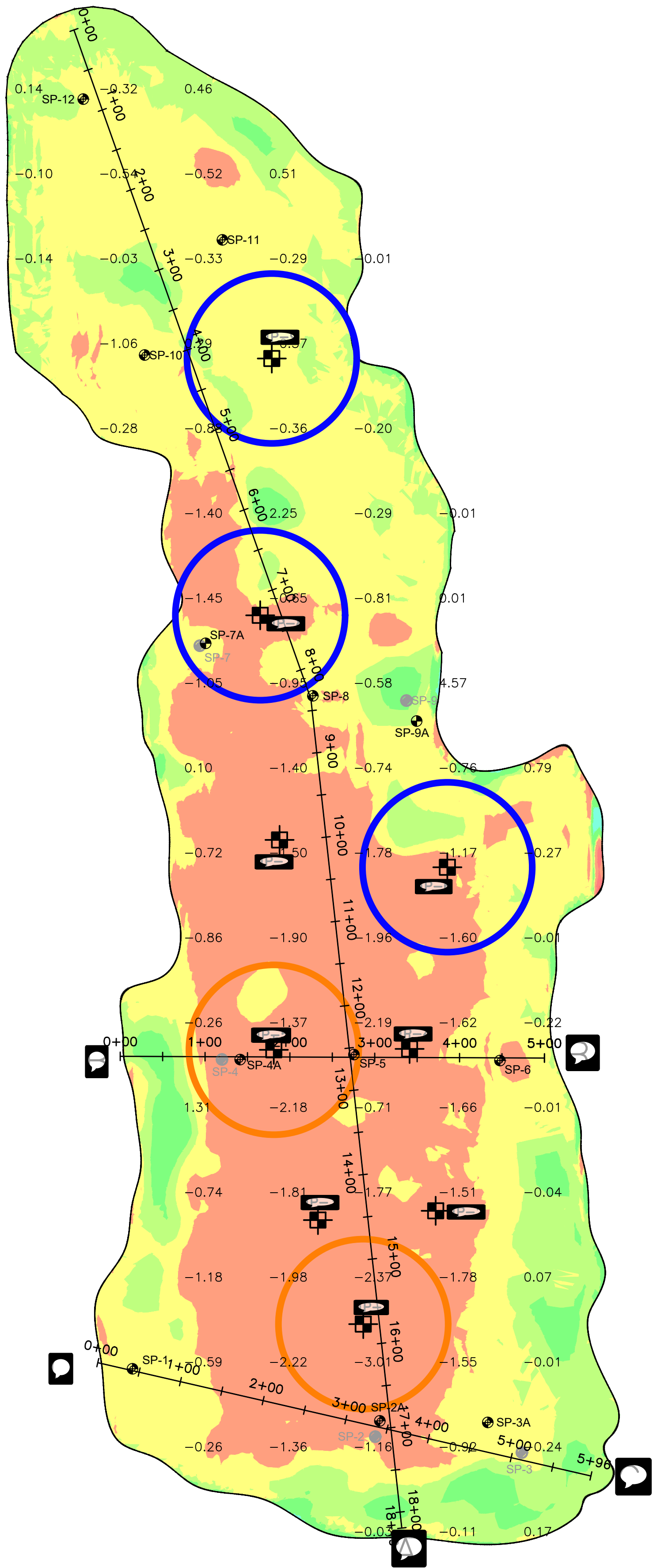
SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS, INC.
1523 MIDLOTHIAN TPK - MIDLOTHIAN, VA 23113
PH: (804) 378-7440 FAX: (804) 378-7433

7

CITY OF BRISTOL INTEGRATED SOLID
WASTE MANAGEMENT FACILITY
2655 VALLEY DRIVE
BRISTOL, VIRGINIA 24201

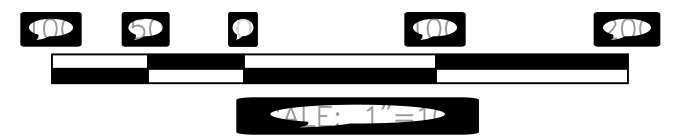
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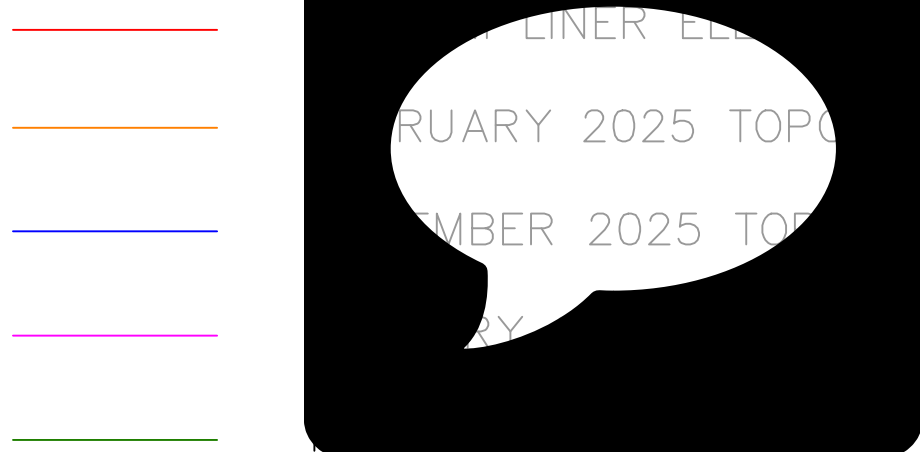
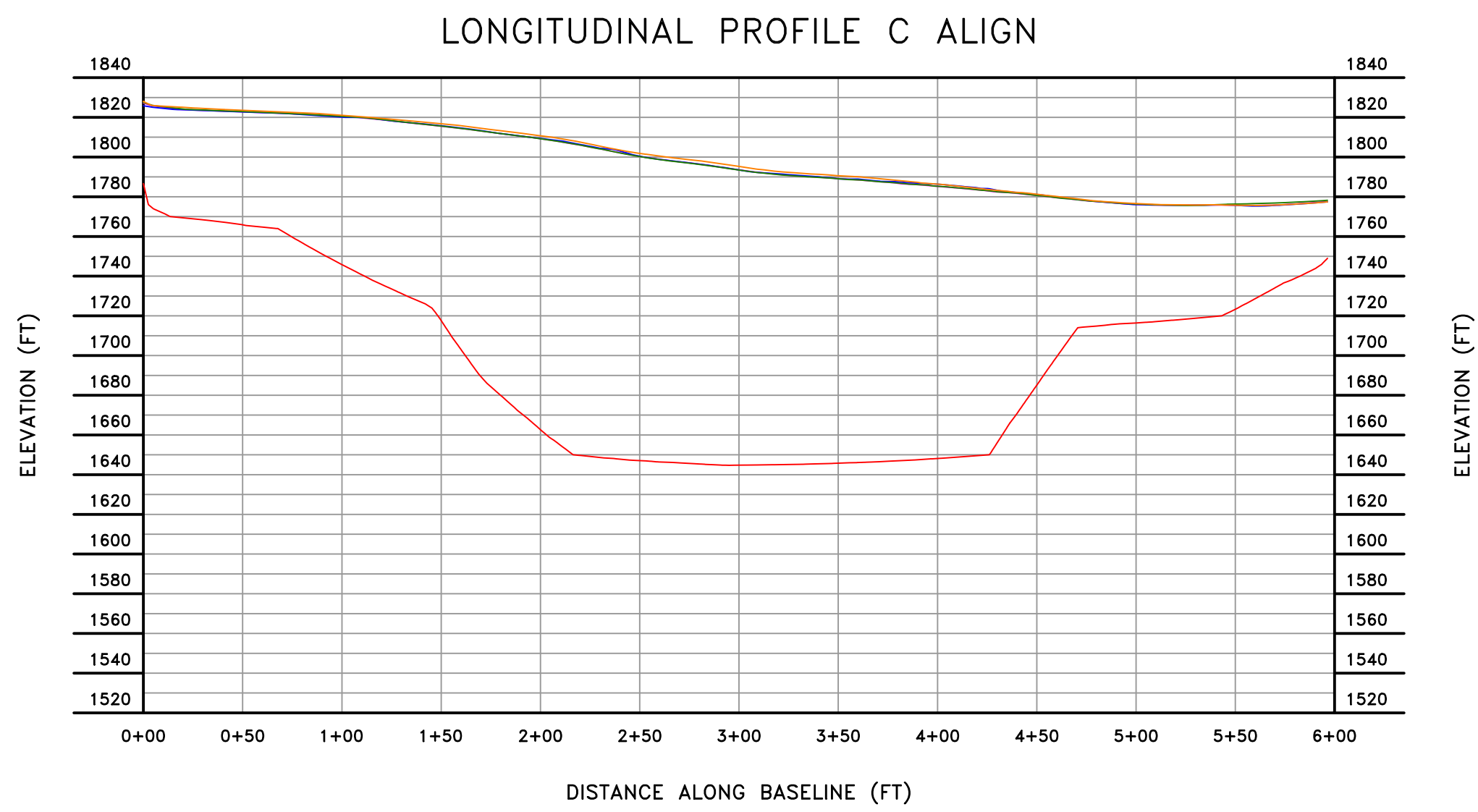
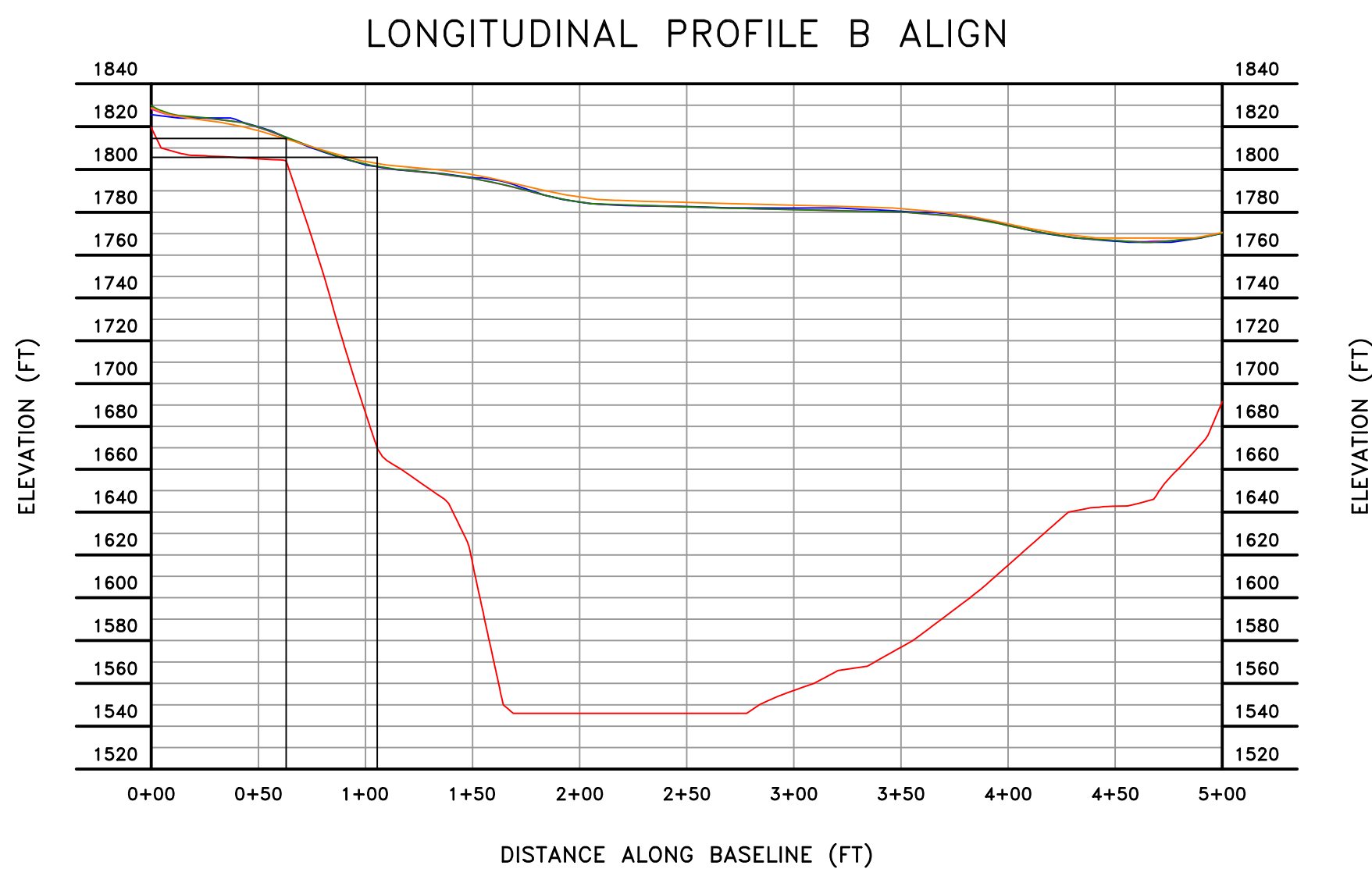
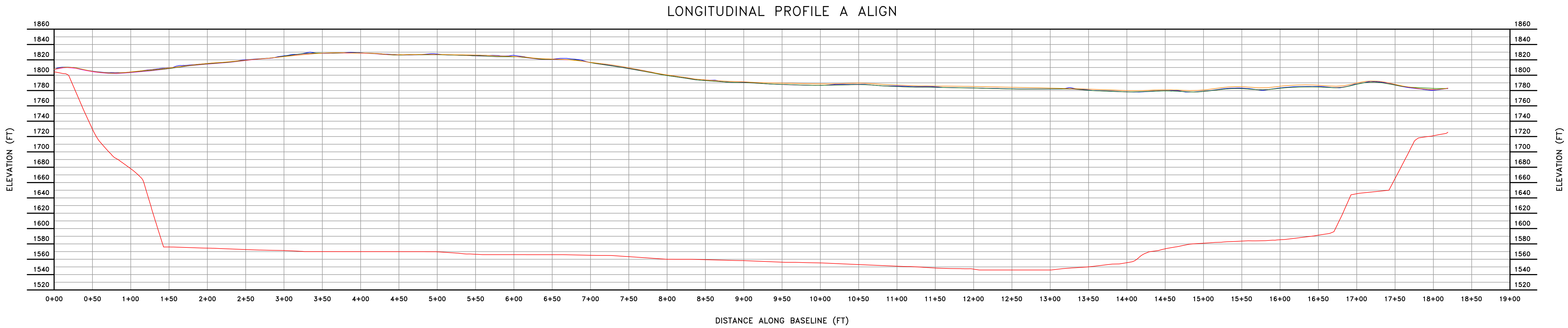
FEBRUARY VOLUME CHANGE
NOVEMBER 2025 TO FEBRUARY 2026
MONTHLY TOPOGRAPHY ANALYSIS
SOLID WASTE PERMIT #588



Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-20.000	-10.000	Red
2	-10.000	-5.000	Orange
3	-5.000	-1.000	Yellow
4	-1.000	0.000	Light Green
5	0.000	1.000	Green
6	1.000	5.000	Light Blue
7	5.000	10.000	Blue
8	10.000	20.000	Dark Blue

NOT TO SCALE
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PROFILES

CITY OF BRISTOL INTEGRATED SOLID WASTE MANAGEMENT FACILITY

2655 VALLEY DRIVE
BRISTOL, VIRGINIA 24201

SCS ENGINEERS

STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS, INC.
1523 MIDLOTHIAN TPK - MIDLOTHIAN, VA 23113
PH: (804) 378-7440 FAX: (804) 378-7433

MONTHLY TOPOGRAPHY ANALYSIS
SOLID WASTE PERMIT #588

8

8

Appendix F

Field Logs (February 2026)
Lab Report (February 2026)
Historical LFG-EW Leachate Monitoring Results Summary
Time-Series Plots

City of Bristol SWP 588 Landfill
Dual Phase LFG-EW Liquid Level Measurement Log

Date	2/3/2026														
SCS Personnel	Field Personnel:			L. Nelson, W. Fabrie				Checked By: L. Howard and J. Robb							
Location ID	Date	Time	Casing Stickup (ft)	Depth to Liquid (ft)	Prior Depth to Liquid (ft)	Cycle Count	Prior Cycle Count	Well Casing Depth (ft)	Pump Depth (ft)	Liquid Column Thickness	Pump (Y/N)	Pump PSI	Sample Collected	Check/Photo	Comments
PUMP INSTALLED															
EW-49	2/3/2026	12:23	3.90	71.81	70.93	109721	100575	96.15	87	24.34	Y	74	X		
EW-50	2/3/2026	11:55	4.38	51.37	47.2	1712121	1766887	77.70	83	26.33	Y	96	Y		
EW-59	2/3/2026	9:07	3.74	55.78	49.2	3832820	3774480	73.40	61	17.62	Y	120	X		Air On not Pumping
EW-61	2/3/2026	11:10	3.56	74.7	77.86	257484	219316	87.80	75	13.10	Y	96	Y		Lost PVC
EW-65	2/3/2026	12:57	3.12	48.95	46.43	167437	154974	88.40	70	39.45	Y	110	X		
EW-78	2/3/2026	13:35	3.38	44.07	46.31	362996	297859	57.00	47	12.93	Y	120	X		
EW-85	2/3/2026	11:45	5.12	62.44	62.02	372033	356355	91.00	78	28.56	Y	110	X		
NO PUMP															
EW-54	2/3/2026	9:35	3.57	37.34	41.15	---	---	82.70	65	45.36	N	---	---		
EW-56	2/3/2026	9:02	3.63	17.72	38.22	---	---	42.71	---	24.99	N	---	---		
EW-67	2/3/2026	9:42	3.59	42.03	42.9	---	---	107.75	76	65.72	N	---	---		
EW-69	2/3/2026	13:53	4.48	93.48	92.38	---	--	98.00	---	4.52	N	---	---		
EW-70	2/3/2026	14:04	1.62	64.46	63.82	---	---	71.00	58	6.54	N	---	---		
EW-73	2/3/2026	14:12	3.56	106.97	105.8	---	---	116.00	---	9.03	N	---	---		
EW-76	2/3/2026	13:42	2.58	107.63	38.73		---	127.00	---	19.37	N	---	---		
EW-80	2/3/2026	12:45	2.84	136.61	136.88	---	---	149.00	---	12.39	N	---	---		
EW-82	2/3/2026	13:20	4.25	123.97	127.61	---	---	163.26	---	39.29	N	---	---		

City of Bristol SWP 588 Landfill
Dual Phase LFG-EW Liquid Level Measurement Log

Date	2/3/2026														
SCS Personnel	Field Personnel:			L. Nelson, W. Fabrie				Checked By: L. Howard and J. Robb							
Location ID	Date	Time	Casing Stickup (ft)	Depth to Liquid (ft)	Prior Depth to Liquid (ft)	Cycle Count	Prior Cycle Count	Well Casing Depth (ft)	Pump Depth (ft)	Liquid Column Thickness	Pump (Y/N)	Pump PSI	Sample Collected	Check/Photo	Comments
NO PUMP															
EW-84	2/3/2026	12:33	4.02	79.15	77.75	---	---	130.56	---	51.41	N	---	---		
EW-91	2/3/2026	10:30	5.80	50.18	48.65	---	---	137.70	---	87.52	N	---	---		
EW-92	2/3/2026	13:07	8.00	---	---	---	---	112.99	---	---	N	---	---		Too Tall
EW-95	2/3/2026	10:15	3.97	57.28	59.46	---	---	68.00	---	10.72	N	---	---		
EW-97	2/3/2026	9:49	7.93	---	---	---	---	144.50	---	---	N	---	---		Too Tall
EW-99	2/3/2026	8:51	3.59	57.4	59.59	---	---	65.00	---	7.60	N	---	---		
MEASURE CASING STICKUP AND CYCLE COUNTER ONLY (PUMP INSTALLED) ¹															
EW-36A	2/3/2026	13:00	4.21	---	---	478994	478994	180.00	135	---	Y	0	X		Air off
EW-81	2/3/2026	12:54	4.34	---	106.08	108332	108332	151.56	125	---	Y	0	X		
EW-94	2/3/2026	9:25	3.52	---	---	1946997	1946165	50.00	38	---	Y	0	X		Air Disconnected
MEASURE CASING STICKUP AND CYCLE COUNTER ONLY (NO PUMP) ¹															
EW-53	2/3/2026	9:47	4.43	---	39.97		3294540	100.70	77	---	N	---	X		No Pump
EW-83	2/3/2026	12:42	4.68	---	82.82	---	2269	167.04	145	---	N	---	X		No Pump
EW-86 ²	2/3/2026	10:44	3.36	---	---	---	---	153.00	---	---	N	---	---		
EW-87	2/3/2026	10:46	5.64	---	47.50	---	340749	149.57	110	---	N	---	X		No Pump

City of Bristol SWP 588 Landfill
Dual Phase LFG-EW Liquid Level Measurement Log

Date	2/3/2026														
SCS Personnel	Field Personnel:			L. Nelson, W. Fabrie				Checked By: L. Howard and J. Robb							
Location ID	Date	Time	Casing Stickup (ft)	Depth to Liquid (ft)	Prior Depth to Liquid (ft)	Cycle Count	Prior Cycle Count	Well Casing Depth (ft)	Pump Depth (ft)	Liquid Column Thickness	Pump (Y/N)	Pump PSI	Sample Collected	Check/Photo	Comments
MEASURE CASING STICKUP AND CYCLE COUNTER ONLY (PUMP INSTALLED)²															
EW-52	2/3/2026	10:37	3.48	---	---	1272927	1239186	98.70	80	---	Y		X		
EW-55	2/3/2026	9:28	4.68	---	41.52	73387	73387	90.40	90	---	Y	0	X		Air Disconnected
EW-60	2/3/2026	10:48	3.21	---	46.00	218245	362372	81.80	72.5	---	Y	95	X		
EW-62	2/3/2026		4.39	---	82.23	373827	214599	110.60	91.5	---	Y	95	X		
EW-66	2/3/2026	9:23	3.88	---	---	142047	39064	---	---	---	Y	110	X		Air On not Pumping
EW-68	2/3/2026	10:40	2.25	---	49.28	2669461	2662117	73.57	60	---	Y	110	X		Air On not Pumping
EW-88	2/3/2026	10:53	3.16	---	62.14	470793	470103	100.00	61	---	Y	60	X		
EW-89	2/3/2026	10:50	4.21	---	65.16	835523	687929	84.57	70	---	Y	90	X		Air off
EW-96	2/3/2026	9:35	7.62	---	61.91	---	---	164.35	145	---	Y	0	X		Can't read cycle counter
EW-98	2/3/2026	9:18	3.60	---	27.91	2835732	2690533	51.00	46	---	Y	---	X		
DO NOT APPROACH															
EW-33B	---		---	---	---	---	---	---	---	---	---	---	---	---	SSO Concerns - Do not approach
EW-63	---		---	---	---	---	---	---	---	---	---	---	---	---	SSO Concerns - Do not approach
EW-64	---		---	---	---	---	---	---	---	---	---	---	---	---	SSO Concerns - Do not approach
EW-77	---		---	---	---	---	---	---	---	---	---	---	---	---	SSO Concerns - Do not approach
EW-79	---		---	---	---	---	---	---	---	---	---	---	---	---	SSO Concerns - Do not approach
EW-93	---		---	---	---	---	---	---	---	---	---	---	---	---	SSO Concerns - Do not approach

--- = not applicable or available

CO = Carbon monoxide

ft = feet

LEL = Lower Explosive Limit

1 = Not Measured as gauging equipment has historically become stuck in well.

2 = Not Measured as pump is shut off and intended to be pulled for maintenance/replacement or has been removed for maintenance or replacement.

Prior Depth to Liquid (ft) = last monthly event a liquid level was collected, not limited to previous calendar month.

O2 = Oxygen

ppm = parts per million

SSO = Subsurface oxygen event

VOC = Total Volatile Organic Compounds

City of Bristol SWP 588 Landfill
Dual Phase LFG-EW Sample Collection Log

Location ID	Sample Date	Sample Time	Temperature (°C)	pH (s.u.)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Observations
EW-50	2/3/2026	12:15	65.10	7.83	12	2.47	-48.10	33.40	Amber
EW-61	2/3/2026	11:10	65.40	5.83	35.40	2.55	-83.50	14.54	Dark Brown
SCS Personnel		Sampler:	L. Nelson, W. Fabrie			Checked By: L. Howard and J. Robb			
Samples Shipped By:		FedEX				Laboratory: Enthalpy Analytical			

°C = degrees Celsius

mg/L = milligrams per liter

mV = milliVolts

NTU = Nephelometric Turbidity Unit

s.u. = Standard Unit

mS/cm = milliSiemens per centimeter



1941 Reymet Road • Richmond, Virginia 23237 • Tel: (804)-358-8295 Fax: (804)-358-8297

Certificate of Analysis

Final Report

Laboratory Order ID 26B0175

Client Name: SCS Engineers - Winchester
296 Victory Road
Winchester, VA 22602

Date Received: February 4, 2026 8:00
Date Issued: February 19, 2026 17:18
Project Number: [none]
Purchase Order:

Submitted To: Jennifer Robb

Client Site I.D.: Bristol LFG-EW Monthly

Enclosed are the results of analyses for samples received by the laboratory on 02/04/2026 08:00. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

Cedric Nelson
Group Leader

End Notes:

The test results listed in this report relate only to the samples submitted to the laboratory and as received by the Laboratory.

Unless otherwise noted, the test results for solid materials are calculated on a wet weight basis. Analyses for pH, dissolved oxygen, temperature, residual chlorine and sulfite that are performed in the laboratory do not meet NELAC requirements due to extremely short holding times. These analyses should be performed in the field. The results of field analyses performed by the Sampler included in the Certificate of Analysis are done so at the client's request and are not included in the laboratory's fields of certification nor have they been audited for adherence to a reference method or procedure.

The signature on the final report certifies that these results conform to all applicable NELAC standards unless otherwise specified. For a complete list of the Laboratory's NELAC certified parameters please contact customer service.

This report shall not be reproduced except in full without the expressed and written approval of an authorized representative of Enthalpy Analytical.

Analysis Detects Report

Client Name: SCS Engineers - Winchester
 Client Site ID: Bristol LFG-EW Monthly
 Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Laboratory Sample ID: 26B0175-01

Client Sample ID: EW-50

Parameter	Samp ID	Reference Method	Sample Results	Qual	DL	LOQ	Dil. Factor	Units
Arsenic	01	SW6010D	0.390		0.0100	0.100	5	mg/L
Barium	01	SW6010D	0.403		0.0050	0.0500	5	mg/L
Chromium	01	SW6010D	0.406		0.0020	0.0500	5	mg/L
Copper	01	SW6010D	0.0142	J	0.0100	0.0500	5	mg/L
Lead	01	SW6010D	0.0186	J	0.0100	0.0500	5	mg/L
Mercury	01	SW6020B	1.54		0.0270	0.200	1	ug/L
Nickel	01	SW6010D	0.1353		0.0050	0.0500	5	mg/L
Zinc	01	SW6010D	0.0541		0.0150	0.0500	5	mg/L
2-Butanone (MEK)	01	SW8260D	5710		19.4	20.0	20	ug/L
Acetone	01RE1	SW8260D	5690		277	400	100	ug/L
Benzene	01	SW8260D	1020		2.78	8.00	20	ug/L
Ethylbenzene	01	SW8260D	112		3.02	8.00	20	ug/L
Tetrahydrofuran	01	SW8260D	1220		15.1	20.0	20	ug/L
Toluene	01	SW8260D	141		3.20	8.00	20	ug/L
Xylenes, Total	01	SW8260D	193		8.76	60.0	20	ug/L
Acetic Acid	01	D3705	76.4		0.7	5.0	10	mg/L
Butyric Acid	01	D3705	7.5		0.7	5.0	10	mg/L
Lactic Acid	01	D3705	24.2		0.6	5.0	10	mg/L
Propionic Acid	01	D3705	49.0		0.6	5.0	10	mg/L
Pyruvic Acid	01	D3705	2.4	J	0.9	5.0	10	mg/L
Ammonia as N	01	EPA350.1 R2.0	1350		60.0	100	1000	mg/L
BOD	01	SM5210B-2016	1250		0.2	2.0	1	mg/L
COD	01	SM5220D-2011	3820		630	1000	100	mg/L
Nitrate as N	01	SM4500-NO3F-2019CALC	1.08		0.0510	0.200	1	mg/L
Nitrate+Nitrite as N	01	SM4500-NO3F-2019	1.08		0.01	0.10	1	mg/L
TKN as N	01	EPA351.2 R2.0	1220		23.0	25.0	1	mg/L
Total Recoverable Phenolics	01	SW9065	2.54		0.309	0.500	1	mg/L

Analysis Detects Report

Client Name: SCS Engineers - Winchester
 Client Site ID: Bristol LFG-EW Monthly
 Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Laboratory Sample ID: 26B0175-02

Client Sample ID: EW-61

Parameter	Samp ID	Reference Method	Sample Results	Qual	DL	LOQ	Dil. Factor	Units
Arsenic	02	SW6010D	0.407		0.0100	0.100	5	mg/L
Barium	02	SW6010D	2.19		0.0050	0.0500	5	mg/L
Cadmium	02	SW6010D	0.0289		0.0010	0.0200	5	mg/L
Chromium	02	SW6010D	0.220		0.0020	0.0500	5	mg/L
Copper	02	SW6010D	0.0252	J	0.0100	0.0500	5	mg/L
Lead	02	SW6010D	0.218		0.0100	0.0500	5	mg/L
Mercury	02RE1	SW6020B	7.94		0.135	1.00	5	ug/L
Nickel	02	SW6010D	0.0275	J	0.0050	0.0500	5	mg/L
Silver	02	SW6010D	0.0146	J	0.0020	0.0500	5	mg/L
Zinc	02	SW6010D	0.0734		0.0150	0.0500	5	mg/L
2-Butanone (MEK)	02	SW8260D	7280		19.4	20.0	20	ug/L
Acetone	02RE1	SW8260D	24800		692	1000	250	ug/L
Benzene	02	SW8260D	130		2.78	8.00	20	ug/L
Ethylbenzene	02	SW8260D	16.4		3.02	8.00	20	ug/L
Tetrahydrofuran	02	SW8260D	2620		15.1	20.0	20	ug/L
Toluene	02	SW8260D	13.4		3.20	8.00	20	ug/L
Xylenes, Total	02	SW8260D	22.2	J	8.76	60.0	20	ug/L
Acetic Acid	02	D3705	4990		71.4	500	1000	mg/L
Butyric Acid	02	D3705	1350		70.3	500	1000	mg/L
Lactic Acid	02	D3705	677		55.7	500	1000	mg/L
Propionic Acid	02	D3705	2260		57.3	500	1000	mg/L
Pyruvic Acid	02RE1	D3705	71.3		8.9	50.0	100	mg/L
Ammonia as N	02	EPA350.1 R2.0	1650		60.0	100	1000	mg/L
BOD	02	SM5210B-2016	30900		0.2	2.0	1	mg/L
COD	02	SM5220D-2011	53700		6300	10000	1000	mg/L
Nitrate as N	02	SM4500-NO3F-2019CALC	0.450		0.0510	0.200	1	mg/L
Nitrate+Nitrite as N	02RE1	SM4500-NO3F-2019	0.45		0.01	0.10	1	mg/L

Analysis Detects Report

Client Name: SCS Engineers - Winchester
Client Site ID: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Laboratory Sample ID: 26B0175-02

Client Sample ID: EW-61

Parameter	Samp ID	Reference Method	Sample Results	Qual	DL	LOQ	Dil. Factor	Units
TKN as N	02RE1	EPA351.2 R2.0	2670		45.9	50.0	2	mg/L
Total Recoverable Phenolics	02	SW9065	77.0		15.4	25.0	500	mg/L

Note that this report is not the "Certificate of Analysis". This report only lists the target analytes that displayed concentrations that exceeded the detection limit specified for that analyte. For a complete listing of all analytes requested and the results of the analysis see the " Certificate of Analysis".

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EW-50	26B0175-01	Ground Water	02/03/2026 12:15	02/04/2026 08:00
EW-61	26B0175-02	Ground Water	02/03/2026 11:10	02/04/2026 08:00
Trip Blank	26B0175-03	Waste Water	01/13/2026 09:45	02/04/2026 08:00

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Client Sample ID: EW-50

Laboratory Sample ID: 26B0175-01

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Metals (Total) by EPA 6000/7000 Series Methods												
Silver	01	7440-22-4	SW6010D	02/05/2026 17:00	02/06/2026 10:48	BLOD		0.0020	0.0500	5	mg/L	NBT
Arsenic	01	7440-38-2	SW6010D	02/05/2026 17:00	02/06/2026 10:48	0.390		0.0100	0.100	5	mg/L	NBT
Barium	01	7440-39-3	SW6010D	02/05/2026 17:00	02/06/2026 10:48	0.403		0.0050	0.0500	5	mg/L	NBT
Cadmium	01	7440-43-9	SW6010D	02/05/2026 17:00	02/06/2026 10:48	BLOD		0.0010	0.0200	5	mg/L	NBT
Chromium	01	7440-47-3	SW6010D	02/05/2026 17:00	02/06/2026 10:48	0.406		0.0020	0.0500	5	mg/L	NBT
Copper	01	7440-50-8	SW6010D	02/05/2026 17:00	02/06/2026 10:48	0.0142	J	0.0100	0.0500	5	mg/L	NBT
Mercury	01	7439-97-6	SW6020B	02/05/2026 17:00	02/06/2026 11:25	1.54		0.0270	0.200	1	ug/L	AB
Nickel	01	7440-02-0	SW6010D	02/05/2026 17:00	02/06/2026 10:48	0.1353		0.0050	0.0500	5	mg/L	NBT
Lead	01	7439-92-1	SW6010D	02/05/2026 17:00	02/06/2026 10:48	0.0186	J	0.0100	0.0500	5	mg/L	NBT
Selenium	01	7782-49-2	SW6010D	02/05/2026 17:00	02/06/2026 10:48	BLOD		0.0350	0.250	5	mg/L	NBT
Zinc	01	7440-66-6	SW6010D	02/05/2026 17:00	02/06/2026 10:48	0.0541		0.0150	0.0500	5	mg/L	NBT

Volatile Organic Compounds by GCMS

Sample Qualifier: pH

2-Butanone (MEK)	01	78-93-3	SW8260D	02/11/2026 18:21	02/11/2026 18:21	5710		19.4	20.0	20	ug/L	TLH
Acetone	01RE1	67-64-1	SW8260D	02/13/2026 17:43	02/13/2026 17:43	5690		277	400	100	ug/L	TLH
Benzene	01	71-43-2	SW8260D	02/11/2026 18:21	02/11/2026 18:21	1020		2.78	8.00	20	ug/L	TLH
Ethylbenzene	01	100-41-4	SW8260D	02/11/2026 18:21	02/11/2026 18:21	112		3.02	8.00	20	ug/L	TLH
Toluene	01	108-88-3	SW8260D	02/11/2026 18:21	02/11/2026 18:21	141		3.20	8.00	20	ug/L	TLH
Xylenes, Total	01	1330-20-7	SW8260D	02/11/2026 18:21	02/11/2026 18:21	193		8.76	60.0	20	ug/L	TLH
Tetrahydrofuran	01	109-99-9	SW8260D	02/11/2026 18:21	02/11/2026 18:21	1220		15.1	20.0	20	ug/L	TLH
Surr: 1,2-Dichloroethane-d4 (Surr)	01	111 %	70-120	02/11/2026 18:21	02/11/2026 18:21							
Surr: 4-Bromofluorobenzene (Surr)	01	97.9 %	75-120	02/11/2026 18:21	02/11/2026 18:21							
Surr: Dibromofluoromethane (Surr)	01	104 %	70-130	02/11/2026 18:21	02/11/2026 18:21							
Surr: Toluene-d8 (Surr)	01	99.8 %	70-130	02/11/2026 18:21	02/11/2026 18:21							
Surr: 1,2-Dichloroethane-d4 (Surr)	01RE1	97.9 %	70-120	02/13/2026 17:43	02/13/2026 17:43							

Certificate of Analysis

Client Name: SCS Engineers - Winchester

Date Issued: 2/19/2026 5:18:02PM

Client Site I.D.: Bristol LFG-EW Monthly

Submitted To: Jennifer Robb

Work Order: 26B0175

Client Sample ID: EW-50

Laboratory Sample ID: 26B0175-01

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Volatile Organic Compounds by GCMS						Sample Qualifier:		pH				
Surr: 4-Bromofluorobenzene (Surr)	01RE1	99.5 %	75-120	02/13/2026 17:43	02/13/2026 17:43							
Surr: Dibromofluoromethane (Surr)	01RE1	96.5 %	70-130	02/13/2026 17:43	02/13/2026 17:43							
Surr: Toluene-d8 (Surr)	01RE1	98.8 %	70-130	02/13/2026 17:43	02/13/2026 17:43							
Semivolatile Organic Compounds by GCMS												
Anthracene	01	120-12-7	SW8270E	02/05/2026 08:15	02/06/2026 03:37	BLOD		100	200	20	ug/L	BMS
Surr: 2,4,6-Tribromophenol (Surr)	01	61.7 %	5-136	02/05/2026 08:15	02/06/2026 03:37							
Surr: 2-Fluorobiphenyl (Surr)	01	47.2 %	9-117	02/05/2026 08:15	02/06/2026 03:37							
Surr: 2-Fluorophenol (Surr)	01	27.1 %	5-60	02/05/2026 08:15	02/06/2026 03:37							
Surr: Nitrobenzene-d5 (Surr)	01	46.0 %	5-151	02/05/2026 08:15	02/06/2026 03:37							
Surr: Phenol-d5 (Surr)	01	20.5 %	5-60	02/05/2026 08:15	02/06/2026 03:37							
Surr: p-Terphenyl-d14 (Surr)	01	23.6 %	5-141	02/05/2026 08:15	02/06/2026 03:37							

Certificate of Analysis

Client Name: SCS Engineers - Winchester

Date Issued: 2/19/2026 5:18:02PM

Client Site I.D.: Bristol LFG-EW Monthly

Submitted To: Jennifer Robb

Work Order: 26B0175

Client Sample ID: EW-50

Laboratory Sample ID: 26B0175-01

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Ion Chromatography Analyses												
Acetic Acid	01	64-19-7	D3705	02/06/2026 11:50	02/06/2026 11:50	76.4		0.7	5.0	10	mg/L	MGC
Butyric Acid	01	107-92-6	D3705	02/06/2026 11:50	02/06/2026 11:50	7.5		0.7	5.0	10	mg/L	MGC
Lactic Acid	01	50-21-5	D3705	02/06/2026 11:50	02/06/2026 11:50	24.2		0.6	5.0	10	mg/L	MGC
Propionic Acid	01	79-09-4	D3705	02/06/2026 11:50	02/06/2026 11:50	49.0		0.6	5.0	10	mg/L	MGC
Pyruvic Acid	01	127-17-3	D3705	02/06/2026 11:50	02/06/2026 11:50	2.4	J	0.9	5.0	10	mg/L	MGC

Certificate of Analysis

Client Name: SCS Engineers - Winchester

Date Issued: 2/19/2026 5:18:02PM

Client Site I.D.: Bristol LFG-EW Monthly

Submitted To: Jennifer Robb

Work Order: 26B0175

Client Sample ID: EW-50

Laboratory Sample ID: 26B0175-01

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Wet Chemistry Analysis												
Ammonia as N	01	7664-41-7	EPA350.1 R2.0	02/17/2026 11:00	02/17/2026 12:00	1350		60.0	100	1000	mg/L	CLM
BOD	01	E1640606	SM5210B-20 16	02/05/2026 10:03	02/05/2026 10:03	1250		0.2	2.0	1	mg/L	CET
COD	01	NA	SM5220D-20 11	02/17/2026 16:11	02/17/2026 16:11	3820		630	1000	100	mg/L	WGW
Nitrate as N	01	14797-55-8	SM4500-NO 3F-2019CAL C	02/18/2026 10:00	02/18/2026 12:17	1.08		0.0510	0.200	1	mg/L	AYT
Nitrate+Nitrite as N	01	E701177	SM4500-NO 3F-2019	02/18/2026 10:00	02/18/2026 12:17	1.08		0.01	0.10	1	mg/L	AAL
Nitrite as N	01	14797-65-0	SM4500-NO 2B-2021	02/04/2026 15:20	02/04/2026 15:20	BLOD		0.05	0.20	1	mg/L	AYT
Total Recoverable Phenolics	01	NA	SW9065	02/06/2026 11:15	02/06/2026 15:00	2.54		0.309	0.500	1	mg/L	AAL
TKN as N	01	E17148461	EPA351.2 R2.0	02/13/2026 13:13	02/17/2026 13:13	1220		23.0	25.0	1	mg/L	AYT

Certificate of Analysis

Client Name: SCS Engineers - Winchester

Date Issued: 2/19/2026 5:18:02PM

Client Site I.D.: Bristol LFG-EW Monthly

Submitted To: Jennifer Robb

Work Order: 26B0175

Client Sample ID: EW-61

Laboratory Sample ID: 26B0175-02

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Metals (Total) by EPA 6000/7000 Series Methods												
Silver	02	7440-22-4	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.0146	J	0.0020	0.0500	5	mg/L	NBT
Arsenic	02	7440-38-2	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.407		0.0100	0.100	5	mg/L	NBT
Barium	02	7440-39-3	SW6010D	02/05/2026 17:00	02/06/2026 10:51	2.19		0.0050	0.0500	5	mg/L	NBT
Cadmium	02	7440-43-9	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.0289		0.0010	0.0200	5	mg/L	NBT
Chromium	02	7440-47-3	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.220		0.0020	0.0500	5	mg/L	NBT
Copper	02	7440-50-8	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.0252	J	0.0100	0.0500	5	mg/L	NBT
Mercury	02RE1	7439-97-6	SW6020B	02/05/2026 17:00	02/06/2026 11:46	7.94		0.135	1.00	5	ug/L	AB
Nickel	02	7440-02-0	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.0275	J	0.0050	0.0500	5	mg/L	NBT
Lead	02	7439-92-1	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.218		0.0100	0.0500	5	mg/L	NBT
Selenium	02	7782-49-2	SW6010D	02/05/2026 17:00	02/06/2026 10:51	BLOD		0.0350	0.250	5	mg/L	NBT
Zinc	02	7440-66-6	SW6010D	02/05/2026 17:00	02/06/2026 10:51	0.0734		0.0150	0.0500	5	mg/L	NBT

Certificate of Analysis

Client Name: SCS Engineers - Winchester

Date Issued: 2/19/2026 5:18:02PM

Client Site I.D.: Bristol LFG-EW Monthly

Submitted To: Jennifer Robb

Work Order: 26B0175

Client Sample ID: EW-61

Laboratory Sample ID: 26B0175-02

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Volatile Organic Compounds by GCMS						Sample Qualifier:		pH				
2-Butanone (MEK)	02	78-93-3	SW8260D	02/11/2026 18:45	02/11/2026 18:45	7280		19.4	20.0	20	ug/L	TLH
Acetone	02RE1	67-64-1	SW8260D	02/12/2026 19:03	02/12/2026 19:03	24800		692	1000	250	ug/L	TLH
Benzene	02	71-43-2	SW8260D	02/11/2026 18:45	02/11/2026 18:45	130		2.78	8.00	20	ug/L	TLH
Ethylbenzene	02	100-41-4	SW8260D	02/11/2026 18:45	02/11/2026 18:45	16.4		3.02	8.00	20	ug/L	TLH
Toluene	02	108-88-3	SW8260D	02/11/2026 18:45	02/11/2026 18:45	13.4		3.20	8.00	20	ug/L	TLH
Xylenes, Total	02	1330-20-7	SW8260D	02/11/2026 18:45	02/11/2026 18:45	22.2	J	8.76	60.0	20	ug/L	TLH
Tetrahydrofuran	02	109-99-9	SW8260D	02/11/2026 18:45	02/11/2026 18:45	2620		15.1	20.0	20	ug/L	TLH
Surr: 1,2-Dichloroethane-d4 (Surr)	02	112 %	70-120	02/11/2026 18:45	02/11/2026 18:45							
Surr: 4-Bromofluorobenzene (Surr)	02	96.4 %	75-120	02/11/2026 18:45	02/11/2026 18:45							
Surr: Dibromofluoromethane (Surr)	02	106 %	70-130	02/11/2026 18:45	02/11/2026 18:45							
Surr: Toluene-d8 (Surr)	02	99.8 %	70-130	02/11/2026 18:45	02/11/2026 18:45							
Surr: 1,2-Dichloroethane-d4 (Surr)	02RE1	97.8 %	70-120	02/12/2026 19:03	02/12/2026 19:03							
Surr: 4-Bromofluorobenzene (Surr)	02RE1	101 %	75-120	02/12/2026 19:03	02/12/2026 19:03							
Surr: Dibromofluoromethane (Surr)	02RE1	93.9 %	70-130	02/12/2026 19:03	02/12/2026 19:03							
Surr: Toluene-d8 (Surr)	02RE1	98.7 %	70-130	02/12/2026 19:03	02/12/2026 19:03							
Semivolatile Organic Compounds by GCMS												
Anthracene	02	120-12-7	SW8270E	02/05/2026 08:15	02/06/2026 22:36	BLOD		400	800	20	ug/L	BMS
Surr: 2,4,6-Tribromophenol (Surr)	02	97.2 %	5-136	02/05/2026 08:15	02/06/2026 22:36							
Surr: 2-Fluorobiphenyl (Surr)	02	64.0 %	9-117	02/05/2026 08:15	02/06/2026 22:36							
Surr: 2-Fluorophenol (Surr)	02	39.6 %	5-60	02/05/2026 08:15	02/06/2026 22:36							
Surr: Nitrobenzene-d5 (Surr)	02	570 %	5-151	02/05/2026 08:15	02/06/2026 22:36							DS
Surr: Phenol-d5 (Surr)	02	%	5-60	02/05/2026 08:15	02/06/2026 22:36							DS
Surr: p-Terphenyl-d14 (Surr)	02	61.6 %	5-141	02/05/2026 08:15	02/06/2026 22:36							

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Client Sample ID: EW-61

Laboratory Sample ID: 26B0175-02

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Ion Chromatography Analyses												
Acetic Acid	02	64-19-7	D3705	02/05/2026 15:43	02/05/2026 15:43	4990		71.4	500	1000	mg/L	MGC
Butyric Acid	02	107-92-6	D3705	02/05/2026 15:43	02/05/2026 15:43	1350		70.3	500	1000	mg/L	MGC
Lactic Acid	02	50-21-5	D3705	02/05/2026 15:43	02/05/2026 15:43	677		55.7	500	1000	mg/L	MGC
Propionic Acid	02	79-09-4	D3705	02/05/2026 15:43	02/05/2026 15:43	2260		57.3	500	1000	mg/L	MGC
Pyruvic Acid	02RE1	127-17-3	D3705	02/05/2026 17:19	02/05/2026 17:19	71.3		8.9	50.0	100	mg/L	MGC
Wet Chemistry Analysis												
Ammonia as N	02	7664-41-7	EPA350.1 R2.0	02/17/2026 11:00	02/17/2026 12:00	1650		60.0	100	1000	mg/L	CLM
BOD	02	E1640606	SM5210B-20 16	02/05/2026 10:06	02/05/2026 10:06	30900		0.2	2.0	1	mg/L	CET
COD	02	NA	SM5220D-20 11	02/17/2026 16:11	02/17/2026 16:11	53700		6300	10000	1000	mg/L	WGW
Nitrate as N	02	14797-55-8	SM4500-NO 3F-2019CAL C	02/18/2026 10:00	02/18/2026 13:22	0.450		0.0510	0.200	1	mg/L	AAL
Nitrate+Nitrite as N	02RE1	E701177	SM4500-NO 3F-2019	02/18/2026 10:00	02/18/2026 13:22	0.45		0.01	0.10	1	mg/L	AAL
Nitrite as N	02	14797-65-0	SM4500-NO 2B-2021	02/04/2026 15:20	02/04/2026 15:20	BLOD		0.05	0.20	1	mg/L	AYT
Total Recoverable Phenolics	02	NA	SW9065	02/06/2026 11:15	02/06/2026 15:00	77.0		15.4	25.0	500	mg/L	AAL
TKN as N	02RE1	E17148461	EPA351.2 R2.0	02/13/2026 13:13	02/17/2026 13:13	2670		45.9	50.0	2	mg/L	AYT

Certificate of Analysis

Client Name: SCS Engineers - Winchester

Date Issued: 2/19/2026 5:18:02PM

Client Site I.D.: Bristol LFG-EW Monthly

Submitted To: Jennifer Robb

Work Order: 26B0175

Client Sample ID: Trip Blank

Laboratory Sample ID: 26B0175-03

Parameter	Samp ID	CAS	Reference Method	Sample Prep Date/Time	Analyzed Date/Time	Sample Results	Qual	DL	LOQ	DF	Units	Analys
Volatile Organic Compounds by GCMS												
2-Butanone (MEK)	03	78-93-3	SW8260D	02/05/2026 12:16	02/05/2026 12:16	BLOD		0.97	10.0	1	ug/L	TLH
Acetone	03	67-64-1	SW8260D	02/05/2026 12:16	02/05/2026 12:16	BLOD		2.77	10.0	1	ug/L	TLH
Benzene	03	71-43-2	SW8260D	02/05/2026 12:16	02/05/2026 12:16	BLOD		0.14	1.00	1	ug/L	TLH
Ethylbenzene	03	100-41-4	SW8260D	02/05/2026 12:16	02/05/2026 12:16	BLOD		0.15	1.00	1	ug/L	TLH
Toluene	03	108-88-3	SW8260D	02/05/2026 12:16	02/05/2026 12:16	BLOD		0.16	1.00	1	ug/L	TLH
Xylenes, Total	03	1330-20-7	SW8260D	02/05/2026 12:16	02/05/2026 12:16	BLOD		0.44	3.00	1	ug/L	TLH
Tetrahydrofuran	03	109-99-9	SW8260D	02/05/2026 12:16	02/05/2026 12:16	BLOD		0.75	10.0	1	ug/L	TLH
Surr: 1,2-Dichloroethane-d4 (Surr)	03	89.3 %	70-120	02/05/2026 12:16	02/05/2026 12:16							
Surr: 4-Bromofluorobenzene (Surr)	03	98.7 %	75-120	02/05/2026 12:16	02/05/2026 12:16							
Surr: Dibromofluoromethane (Surr)	03	84.1 %	70-130	02/05/2026 12:16	02/05/2026 12:16							
Surr: Toluene-d8 (Surr)	03	97.8 %	70-130	02/05/2026 12:16	02/05/2026 12:16							

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Metals (Total) by EPA 6000/7000 Series Methods - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0249 - SW3005A-ICP

Blank (BJB0249-BLK1)

Prepared: 02/05/2026 Analyzed: 02/06/2026

Arsenic	ND	0.0200	mg/L
Barium	ND	0.0100	mg/L
Cadmium	ND	0.0040	mg/L
Chromium	ND	0.0100	mg/L
Copper	ND	0.0100	mg/L
Lead	ND	0.0100	mg/L
Nickel	ND	0.0100	mg/L
Selenium	ND	0.0500	mg/L
Silver	ND	0.0100	mg/L
Zinc	ND	0.0100	mg/L

LCS (BJB0249-BS1)

Prepared: 02/05/2026 Analyzed: 02/06/2026

Arsenic	0.531	0.0200	mg/L	0.500	106	80-120
Barium	0.544	0.0100	mg/L	0.500	109	80-120
Cadmium	0.536	0.0040	mg/L	0.500	107	80-120
Chromium	0.540	0.0100	mg/L	0.500	108	80-120
Copper	0.520	0.0100	mg/L	0.500	104	80-120
Lead	0.537	0.0100	mg/L	0.500	107	80-120
Nickel	0.5386	0.0100	mg/L	0.500	108	80-120
Selenium	0.527	0.0500	mg/L	0.500	105	80-120
Silver	0.106	0.0100	mg/L	0.100	106	80-120
Zinc	0.540	0.0100	mg/L	0.500	108	80-120

E

Matrix Spike (BJB0249-MS1)

Source: 26B0323-08

Prepared: 02/05/2026 Analyzed: 02/06/2026

Arsenic	0.538	0.0200	mg/L	0.500	0.0029	107	75-125
Barium	0.552	0.0100	mg/L	0.500	BLOD	110	75-125

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Metals (Total) by EPA 6000/7000 Series Methods - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0249 - SW3005A-ICP

Matrix Spike (BJB0249-MS1)		Source: 26B0323-08		Prepared: 02/05/2026 Analyzed: 02/06/2026						
Cadmium	0.539	0.0040	mg/L	0.500	BLOD	108	75-125			
Chromium	0.543	0.0100	mg/L	0.500	BLOD	109	75-125			
Copper	0.524	0.0100	mg/L	0.500	BLOD	105	75-125			
Lead	0.539	0.0100	mg/L	0.500	BLOD	108	75-125			
Nickel	0.5396	0.0100	mg/L	0.500	BLOD	108	75-125			
Selenium	0.529	0.0500	mg/L	0.500	BLOD	106	75-125			
Silver	0.107	0.0100	mg/L	0.100	BLOD	107	75-125			E
Zinc	0.547	0.0100	mg/L	0.500	BLOD	109	75-125			

Matrix Spike Dup (BJB0249-MSD1)		Source: 26B0323-08		Prepared: 02/05/2026 Analyzed: 02/06/2026						
Arsenic	0.534	0.0200	mg/L	0.500	0.0029	106	75-125	0.716	20	
Barium	0.546	0.0100	mg/L	0.500	BLOD	109	75-125	1.10	20	
Cadmium	0.536	0.0040	mg/L	0.500	BLOD	107	75-125	0.591	20	
Chromium	0.539	0.0100	mg/L	0.500	BLOD	108	75-125	0.690	20	
Copper	0.521	0.0100	mg/L	0.500	BLOD	104	75-125	0.655	20	
Lead	0.534	0.0100	mg/L	0.500	BLOD	107	75-125	0.939	20	
Nickel	0.5361	0.0100	mg/L	0.500	BLOD	107	75-125	0.640	20	
Selenium	0.527	0.0500	mg/L	0.500	BLOD	105	75-125	0.317	20	
Silver	0.106	0.0100	mg/L	0.100	BLOD	106	75-125	1.04	20	E
Zinc	0.543	0.0100	mg/L	0.500	BLOD	109	75-125	0.717	20	

Batch BJB0250 - SW3005A-ICPMS

Blank (BJB0250-BLK1)		Prepared: 02/05/2026 Analyzed: 02/06/2026								
Mercury	ND	0.200	ug/L							

LCS (BJB0250-BS1)		Prepared: 02/05/2026 Analyzed: 02/06/2026								
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Certificate of Analysis

Client Name: SCS Engineers - Winchester
 Client Site I.D.: Bristol LFG-EW Monthly
 Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Metals (Total) by EPA 6000/7000 Series Methods - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0250 - SW3005A-ICPMS										
LCS (BJB0250-BS1)				Prepared: 02/05/2026 Analyzed: 02/06/2026						
Mercury	1.03	0.200	ug/L	1.00		103	80-120			
Matrix Spike (BJB0250-MS1)				Source: 26B0323-08 Prepared: 02/05/2026 Analyzed: 02/06/2026						
Mercury	1.02	0.200	ug/L	1.00	BLOD	102	70-130			
Matrix Spike Dup (BJB0250-MSD1)				Source: 26B0323-08 Prepared: 02/05/2026 Analyzed: 02/06/2026						
Mercury	1.02	0.200	ug/L	1.00	BLOD	102	70-130	0.266	20	

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

Blank (BJB0261-BLK1)

Prepared & Analyzed: 02/05/2026

2-Butanone (MEK)	ND	10.0	ug/L							
Acetone	ND	10.0	ug/L							
Benzene	ND	1.00	ug/L							
Ethylbenzene	ND	1.00	ug/L							
Toluene	ND	1.00	ug/L							
Xylenes, Total	ND	3.00	ug/L							
Tetrahydrofuran	ND	10.0	ug/L							
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	43.5		ug/L	50.0		87.0	70-120			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	49.8		ug/L	50.0		99.5	75-120			
<i>Surr: Dibromofluoromethane (Surr)</i>	41.6		ug/L	50.0		83.3	70-130			
<i>Surr: Toluene-d8 (Surr)</i>	48.9		ug/L	50.0		97.8	70-130			

LCS (BJB0261-BS1)

Prepared & Analyzed: 02/05/2026

1,1,1,2-Tetrachloroethane	55.0		ug/L	50.0		110	80-130			
1,1,1-Trichloroethane	54.7		ug/L	50.0		109	65-130			
1,1,2,2-Tetrachloroethane	54.1		ug/L	50.0		108	65-130			
1,1,2-Trichloroethane	52.9		ug/L	50.0		106	75-125			
1,1-Dichloroethane	52.4		ug/L	50.0		105	70-135			
1,1-Dichloroethylene	54.0		ug/L	50.0		108	70-130			
1,1-Dichloropropene	55.9		ug/L	50.0		112	75-135			
1,2,3-Trichlorobenzene	56.6		ug/L	50.0		113	55-140			
1,2,3-Trichloropropane	51.7		ug/L	50.0		103	75-125			
1,2,4-Trichlorobenzene	56.6		ug/L	50.0		113	65-135			
1,2,4-Trimethylbenzene	58.1		ug/L	50.0		116	75-130			
1,2-Dibromo-3-chloropropane (DBCP)	51.4		ug/L	50.0		103	50-130			

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0261 - SW5030B-MS										
LCS (BJB0261-BS1)				Prepared & Analyzed: 02/05/2026						
1,2-Dibromoethane (EDB)	52.0		ug/L	50.0		104	80-120			
1,2-Dichlorobenzene	56.1		ug/L	50.0		112	70-120			
1,2-Dichloroethane	43.4		ug/L	50.0		86.8	70-130			
1,2-Dichloropropane	53.9		ug/L	50.0		108	75-125			
1,3,5-Trimethylbenzene	58.7		ug/L	50.0		117	75-125			
1,3-Dichlorobenzene	56.2		ug/L	50.0		112	75-125			
1,3-Dichloropropane	51.9		ug/L	50.0		104	75-125			
1,4-Dichlorobenzene	54.7		ug/L	50.0		109	75-125			
2,2-Dichloropropane	58.3		ug/L	50.0		117	70-135			
2-Butanone (MEK)	46.7		ug/L	50.0		93.5	30-150			
2-Chlorotoluene	57.1		ug/L	50.0		114	75-125			
2-Hexanone (MBK)	45.2		ug/L	50.0		90.5	55-130			
4-Chlorotoluene	56.6		ug/L	50.0		113	75-130			
4-Isopropyltoluene	62.2		ug/L	50.0		124	75-130			
4-Methyl-2-pentanone (MIBK)	44.2		ug/L	50.0		88.4	60-135			
Acetone	40.1		ug/L	50.0		80.1	40-140			
Benzene	56.0		ug/L	50.0		112	80-120			
Bromobenzene	53.2		ug/L	50.0		106	75-125			
Bromochloromethane	48.9		ug/L	50.0		97.8	65-130			
Bromodichloromethane	55.3		ug/L	50.0		111	75-120			
Bromoform	52.1		ug/L	50.0		104	70-130			
Bromomethane	54.8		ug/L	50.0		110	30-145			
Carbon disulfide	53.2		ug/L	50.0		106	35-160			
Carbon tetrachloride	52.6		ug/L	50.0		105	65-140			
Chlorobenzene	54.6		ug/L	50.0		109	80-120			

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0261 - SW5030B-MS										
LCS (BJB0261-BS1)				Prepared & Analyzed: 02/05/2026						
Chloroethane	55.4		ug/L	50.0		111	60-135			
Chloroform	50.0		ug/L	50.0		99.9	65-135			
Chloromethane	60.6		ug/L	50.0		121	40-125			
cis-1,2-Dichloroethylene	48.4		ug/L	50.0		96.9	70-125			
cis-1,3-Dichloropropene	53.8		ug/L	50.0		108	70-130			
Dibromochloromethane	54.0		ug/L	50.0		108	60-135			
Dibromomethane	49.6		ug/L	50.0		99.2	75-125			
Dichlorodifluoromethane	84.0		ug/L	50.0		168	30-155			L
Ethylbenzene	56.6		ug/L	50.0		113	75-125			
Hexachlorobutadiene	58.3		ug/L	50.0		117	50-140			
Isopropylbenzene	56.6		ug/L	50.0		113	75-125			
m+p-Xylenes	112		ug/L	100		112	75-130			
Methylene chloride	47.2		ug/L	50.0		94.5	55-140			
Methyl-t-butyl ether (MTBE)	47.4		ug/L	50.0		94.9	65-125			
Naphthalene	54.7		ug/L	50.0		109	55-140			
n-Butylbenzene	59.9		ug/L	50.0		120	70-135			
n-Propylbenzene	59.5		ug/L	50.0		119	70-130			
o-Xylene	56.5		ug/L	50.0		113	80-120			
sec-Butylbenzene	67.5		ug/L	50.0		135	70-125			L
Styrene	55.2		ug/L	50.0		110	65-135			
tert-Butylbenzene	59.3		ug/L	50.0		119	70-130			
Tetrachloroethylene (PCE)	55.6		ug/L	50.0		111	45-150			
Toluene	53.8		ug/L	50.0		108	75-120			
trans-1,2-Dichloroethylene	53.6		ug/L	50.0		107	60-140			
trans-1,3-Dichloropropene	52.9		ug/L	50.0		106	55-140			

Certificate of Analysis

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Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

LCS (BJB0261-BS1)

Prepared & Analyzed: 02/05/2026

Trichloroethylene	54.0		ug/L	50.0		108	70-125			
Trichlorofluoromethane	56.0		ug/L	50.0		112	60-145			
Vinyl chloride	65.6		ug/L	50.0		131	50-145			
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	<i>48.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.9</i>	<i>70-120</i>			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	<i>48.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.9</i>	<i>75-120</i>			
<i>Surr: Dibromofluoromethane (Surr)</i>	<i>45.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>91.5</i>	<i>70-130</i>			
<i>Surr: Toluene-d8 (Surr)</i>	<i>49.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.3</i>	<i>70-130</i>			

Duplicate (BJB0261-DUP1)

Source: 26B0180-01

Prepared & Analyzed: 02/05/2026

1,1,1,2-Tetrachloroethane	ND	8.00	ug/L		BLOD			NA	30	
1,1,1-Trichloroethane	ND	8.00	ug/L		BLOD			NA	30	
1,1,2,2-Tetrachloroethane	ND	8.00	ug/L		BLOD			NA	30	
1,1,2-Trichloroethane	ND	8.00	ug/L		BLOD			NA	30	
1,1-Dichloroethane	ND	8.00	ug/L		BLOD			NA	30	
1,1-Dichloroethylene	ND	8.00	ug/L		BLOD			NA	30	
1,1-Dichloropropene	ND	20.0	ug/L		BLOD			NA	30	
1,2,3-Trichlorobenzene	ND	8.00	ug/L		BLOD			NA	30	
1,2,3-Trichloropropane	ND	20.0	ug/L		BLOD			NA	30	
1,2,4-Trichlorobenzene	ND	8.00	ug/L		BLOD			NA	30	
1,2,4-Trimethylbenzene	ND	20.0	ug/L		BLOD			NA	30	
1,2-Dibromo-3-chloropropane (DBCP)	ND	8.00	ug/L		BLOD			NA	30	
1,2-Dibromoethane (EDB)	ND	8.00	ug/L		BLOD			NA	30	
1,2-Dichlorobenzene	ND	8.00	ug/L		BLOD			NA	30	
1,2-Dichloroethane	ND	8.00	ug/L		BLOD			NA	30	
1,2-Dichloropropane	ND	8.00	ug/L		BLOD			NA	30	

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

Duplicate (BJB0261-DUP1)

Source: 26B0180-01

Prepared & Analyzed: 02/05/2026

1,3,5-Trimethylbenzene	ND	20.0	ug/L		BLOD			NA	30	
1,3-Dichlorobenzene	ND	8.00	ug/L		BLOD			NA	30	
1,3-Dichloropropane	ND	20.0	ug/L		BLOD			NA	30	
1,4-Dichlorobenzene	ND	8.00	ug/L		BLOD			NA	30	
2,2-Dichloropropane	ND	20.0	ug/L		BLOD			NA	30	
2-Butanone (MEK)	ND	20.0	ug/L		BLOD			NA	30	
2-Chlorotoluene	ND	20.0	ug/L		BLOD			NA	30	
2-Hexanone (MBK)	ND	20.0	ug/L		BLOD			NA	30	
4-Chlorotoluene	ND	20.0	ug/L		BLOD			NA	30	
4-Isopropyltoluene	ND	20.0	ug/L		BLOD			NA	30	
4-Methyl-2-pentanone (MIBK)	ND	20.0	ug/L		BLOD			NA	30	
Acetone	ND	80.0	ug/L		BLOD			NA	30	
Benzene	ND	8.00	ug/L		BLOD			NA	30	
Bromobenzene	ND	20.0	ug/L		BLOD			NA	30	
Bromochloromethane	ND	8.00	ug/L		BLOD			NA	30	
Bromodichloromethane	ND	8.00	ug/L		BLOD			NA	30	
Bromoform	ND	8.00	ug/L		BLOD			NA	30	
Bromomethane	ND	8.00	ug/L		BLOD			NA	30	
Carbon disulfide	ND	10.0	ug/L		BLOD			NA	30	
Carbon tetrachloride	ND	8.00	ug/L		BLOD			NA	30	
Chlorobenzene	ND	8.00	ug/L		BLOD			NA	30	
Chloroethane	ND	8.00	ug/L		BLOD			NA	30	
Chloroform	ND	8.00	ug/L		BLOD			NA	30	
Chloromethane	ND	8.00	ug/L		BLOD			NA	30	
cis-1,2-Dichloroethylene	ND	8.00	ug/L		BLOD			NA	30	

Certificate of Analysis

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Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

Duplicate (BJB0261-DUP1)

Source: 26B0180-01

Prepared & Analyzed: 02/05/2026

cis-1,3-Dichloropropene	ND	8.00	ug/L		BLOD			NA	30	
Dibromochloromethane	ND	8.00	ug/L		BLOD			NA	30	
Dibromomethane	ND	20.0	ug/L		BLOD			NA	30	
Dichlorodifluoromethane	ND	8.00	ug/L		BLOD			NA	30	
Di-isopropyl ether (DIPE)	ND	20.0	ug/L		BLOD			NA	30	
Ethylbenzene	ND	8.00	ug/L		BLOD			NA	30	
Hexachlorobutadiene	ND	8.00	ug/L		BLOD			NA	30	
Iodomethane	ND	20.0	ug/L		BLOD			NA	30	
Isopropylbenzene	ND	8.00	ug/L		BLOD			NA	30	
m+p-Xylenes	ND	16.0	ug/L		BLOD			NA	30	
Methylene chloride	ND	80.0	ug/L		BLOD			NA	30	
Methyl-t-butyl ether (MTBE)	ND	8.00	ug/L		BLOD			NA	30	
Naphthalene	ND	20.0	ug/L		BLOD			NA	30	
n-Butylbenzene	ND	20.0	ug/L		BLOD			NA	30	
n-Propylbenzene	ND	20.0	ug/L		BLOD			NA	30	
o-Xylene	ND	8.00	ug/L		BLOD			NA	30	
sec-Butylbenzene	ND	20.0	ug/L		BLOD			NA	30	
Styrene	ND	8.00	ug/L		BLOD			NA	30	
tert-Butylbenzene	ND	20.0	ug/L		BLOD			NA	30	
Tetrachloroethylene (PCE)	ND	8.00	ug/L		BLOD			NA	30	
Toluene	ND	8.00	ug/L		BLOD			NA	30	
trans-1,2-Dichloroethylene	ND	8.00	ug/L		BLOD			NA	30	
trans-1,3-Dichloropropene	ND	8.00	ug/L		BLOD			NA	30	
Trichloroethylene	ND	8.00	ug/L		BLOD			NA	30	
Trichlorofluoromethane	ND	8.00	ug/L		BLOD			NA	30	

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

Duplicate (BJB0261-DUP1)		Source: 26B0180-01		Prepared & Analyzed: 02/05/2026						
Vinyl acetate	ND	20.0	ug/L		BLOD			NA	30	
Vinyl chloride	ND	8.00	ug/L		BLOD			NA	30	
Xylenes, Total	ND	60.0	ug/L		BLOD			NA	30	
Tetrahydrofuran	ND	20.0	ug/L		BLOD			NA	30	
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	<i>43.0</i>		ug/L	<i>50.0</i>		<i>86.1</i>	<i>70-120</i>			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	<i>49.0</i>		ug/L	<i>50.0</i>		<i>97.9</i>	<i>75-120</i>			
<i>Surr: Dibromofluoromethane (Surr)</i>	<i>41.6</i>		ug/L	<i>50.0</i>		<i>83.2</i>	<i>70-130</i>			
<i>Surr: Toluene-d8 (Surr)</i>	<i>48.8</i>		ug/L	<i>50.0</i>		<i>97.6</i>	<i>70-130</i>			

Matrix Spike (BJB0261-MS1)		Source: 26B0211-01		Prepared & Analyzed: 02/05/2026						
1,1,1,2-Tetrachloroethane	54.1		ug/L	50.0	BLOD	108	80-130			
1,1,1-Trichloroethane	52.3		ug/L	50.0	BLOD	105	65-130			
1,1,2,2-Tetrachloroethane	53.0		ug/L	50.0	BLOD	106	65-130			
1,1,2-Trichloroethane	50.5		ug/L	50.0	BLOD	101	75-125			
1,1-Dichloroethane	50.1		ug/L	50.0	BLOD	100	70-135			
1,1-Dichloroethylene	52.0		ug/L	50.0	BLOD	104	50-145			
1,1-Dichloropropene	53.8		ug/L	50.0	BLOD	108	75-135			
1,2,3-Trichlorobenzene	55.6		ug/L	50.0	BLOD	111	55-140			
1,2,3-Trichloropropane	50.1		ug/L	50.0	BLOD	100	75-125			
1,2,4-Trichlorobenzene	55.6		ug/L	50.0	BLOD	111	65-135			
1,2,4-Trimethylbenzene	56.6		ug/L	50.0	BLOD	113	75-130			
1,2-Dibromo-3-chloropropane (DBCP)	50.0		ug/L	50.0	BLOD	100	50-130			
1,2-Dibromoethane (EDB)	51.0		ug/L	50.0	BLOD	102	80-120			
1,2-Dichlorobenzene	54.8		ug/L	50.0	BLOD	110	70-120			
1,2-Dichloroethane	41.8		ug/L	50.0	BLOD	83.6	70-130			

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

Matrix Spike (BJB0261-MS1)

Source: 26B0211-01

Prepared & Analyzed: 02/05/2026

1,2-Dichloropropane	51.7		ug/L	50.0	BLOD	103	75-125			
1,3,5-Trimethylbenzene	56.1		ug/L	50.0	BLOD	112	75-124			
1,3-Dichlorobenzene	54.3		ug/L	50.0	BLOD	109	75-125			
1,3-Dichloropropane	50.0		ug/L	50.0	BLOD	100	75-125			
1,4-Dichlorobenzene	53.3		ug/L	50.0	BLOD	107	75-125			
2,2-Dichloropropane	56.5		ug/L	50.0	BLOD	113	70-135			
2-Butanone (MEK)	47.2		ug/L	50.0	BLOD	94.3	30-150			
2-Chlorotoluene	54.7		ug/L	50.0	BLOD	109	75-125			
2-Hexanone (MBK)	43.9		ug/L	50.0	BLOD	87.7	55-130			
4-Chlorotoluene	54.1		ug/L	50.0	BLOD	108	75-130			
4-Isopropyltoluene	59.7		ug/L	50.0	BLOD	119	75-130			
4-Methyl-2-pentanone (MIBK)	43.5		ug/L	50.0	BLOD	87.0	60-135			
Acetone	37.2		ug/L	50.0	11.2	51.9	40-140			
Benzene	53.5		ug/L	50.0	BLOD	107	80-120			
Bromobenzene	51.6		ug/L	50.0	BLOD	103	75-125			
Bromochloromethane	46.3		ug/L	50.0	BLOD	92.7	65-130			
Bromodichloromethane	53.4		ug/L	50.0	BLOD	107	75-136			
Bromoform	51.1		ug/L	50.0	BLOD	102	70-130			
Bromomethane	54.8		ug/L	50.0	BLOD	110	30-145			
Carbon disulfide	53.3		ug/L	50.0	BLOD	107	35-160			
Carbon tetrachloride	49.8		ug/L	50.0	BLOD	99.5	65-140			
Chlorobenzene	52.7		ug/L	50.0	BLOD	105	80-120			
Chloroethane	52.4		ug/L	50.0	BLOD	105	60-135			
Chloroform	48.3		ug/L	50.0	BLOD	96.6	65-135			
Chloromethane	57.8		ug/L	50.0	0.60	114	40-125			

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

Matrix Spike (BJB0261-MS1)		Source: 26B0211-01		Prepared & Analyzed: 02/05/2026						
cis-1,2-Dichloroethylene	46.5	ug/L	50.0	BLOD	93.0	70-125				
cis-1,3-Dichloropropene	51.8	ug/L	50.0	BLOD	104	47-136				
Dibromochloromethane	53.1	ug/L	50.0	BLOD	106	60-135				
Dibromomethane	48.2	ug/L	50.0	BLOD	96.5	75-125				
Dichlorodifluoromethane	81.6	ug/L	50.0	BLOD	163	30-155				M
Ethylbenzene	54.5	ug/L	50.0	BLOD	109	75-125				
Hexachlorobutadiene	59.6	ug/L	50.0	BLOD	119	50-140				
Isopropylbenzene	53.5	ug/L	50.0	BLOD	107	75-125				
m+p-Xylenes	109	ug/L	100	BLOD	109	75-130				
Methylene chloride	45.4	ug/L	50.0	BLOD	89.4	55-140				
Methyl-t-butyl ether (MTBE)	46.0	ug/L	50.0	BLOD	92.0	65-125				
Naphthalene	53.7	ug/L	50.0	BLOD	107	55-140				
n-Butylbenzene	58.5	ug/L	50.0	BLOD	117	70-135				
n-Propylbenzene	56.8	ug/L	50.0	BLOD	114	70-130				
o-Xylene	54.0	ug/L	50.0	BLOD	108	80-120				
sec-Butylbenzene	64.2	ug/L	50.0	BLOD	128	70-125				M
Styrene	53.3	ug/L	50.0	BLOD	107	65-135				
tert-Butylbenzene	56.9	ug/L	50.0	BLOD	114	70-130				
Tetrachloroethylene (PCE)	52.9	ug/L	50.0	BLOD	106	51-231				
Toluene	51.6	ug/L	50.0	BLOD	103	75-120				
trans-1,2-Dichloroethylene	51.0	ug/L	50.0	BLOD	102	60-140				
trans-1,3-Dichloropropene	51.2	ug/L	50.0	BLOD	102	55-140				
Trichloroethylene	51.9	ug/L	50.0	BLOD	104	70-125				
Trichlorofluoromethane	53.8	ug/L	50.0	BLOD	108	60-145				
Vinyl chloride	63.3	ug/L	50.0	BLOD	127	50-145				

Certificate of Analysis

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Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0261 - SW5030B-MS

Matrix Spike (BJB0261-MS1) Source: 26B0211-01 Prepared & Analyzed: 02/05/2026

Surr: 1,2-Dichloroethane-d4 (Surr)	47.2		ug/L	50.0		94.4	70-120
Surr: 4-Bromofluorobenzene (Surr)	48.1		ug/L	50.0		96.2	75-120
Surr: Dibromofluoromethane (Surr)	45.9		ug/L	50.0		91.8	70-130
Surr: Toluene-d8 (Surr)	48.6		ug/L	50.0		97.2	70-130

Batch BJB0528 - SW5030B-MS

Blank (BJB0528-BLK1) Prepared & Analyzed: 02/11/2026

2-Butanone (MEK)	ND	10.0	ug/L				
Acetone	ND	10.0	ug/L				
Benzene	ND	1.00	ug/L				
Ethylbenzene	ND	1.00	ug/L				
Toluene	ND	1.00	ug/L				
Xylenes, Total	ND	3.00	ug/L				
Surr: 1,2-Dichloroethane-d4 (Surr)	52.4		ug/L	50.0		105	70-120
Surr: 4-Bromofluorobenzene (Surr)	47.8		ug/L	50.0		95.5	75-120
Surr: Dibromofluoromethane (Surr)	49.6		ug/L	50.0		99.1	70-130
Surr: Toluene-d8 (Surr)	49.9		ug/L	50.0		99.8	70-130

LCS (BJB0528-BS1) Prepared & Analyzed: 02/11/2026

1,1,1,2-Tetrachloroethane	46.1		ug/L	50.0		92.3	80-130
1,1,1-Trichloroethane	43.2		ug/L	50.0		86.3	65-130
1,1,2,2-Tetrachloroethane	49.1		ug/L	50.0		98.3	65-130
1,1,2-Trichloroethane	46.0		ug/L	50.0		92.0	75-125
1,1-Dichloroethane	45.0		ug/L	50.0		89.9	70-135
1,1-Dichloroethylene	41.5		ug/L	50.0		83.0	70-130

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0528 - SW5030B-MS

LCS (BJB0528-BS1)

Prepared & Analyzed: 02/11/2026

1,1-Dichloropropene	44.0		ug/L	50.0		88.0	75-135			
1,2,3-Trichlorobenzene	53.8		ug/L	50.0		108	55-140			
1,2,3-Trichloropropane	48.8		ug/L	50.0		97.6	75-125			
1,2,4-Trichlorobenzene	53.8		ug/L	50.0		108	65-135			
1,2,4-Trimethylbenzene	54.8		ug/L	50.0		110	75-130			
1,2-Dibromo-3-chloropropane (DBCP)	48.5		ug/L	50.0		97.0	50-130			
1,2-Dibromoethane (EDB)	47.7		ug/L	50.0		95.3	80-120			
1,2-Dichlorobenzene	50.9		ug/L	50.0		102	70-120			
1,2-Dichloroethane	42.1		ug/L	50.0		84.2	70-130			
1,2-Dichloropropane	44.3		ug/L	50.0		88.6	75-125			
1,3,5-Trimethylbenzene	51.7		ug/L	50.0		103	75-125			
1,3-Dichlorobenzene	50.9		ug/L	50.0		102	75-125			
1,3-Dichloropropane	46.0		ug/L	50.0		91.9	75-125			
1,4-Dichlorobenzene	48.9		ug/L	50.0		97.8	75-125			
2,2-Dichloropropane	45.6		ug/L	50.0		91.2	70-135			
2-Butanone (MEK)	43.2		ug/L	50.0		86.4	30-150			
2-Chlorotoluene	47.8		ug/L	50.0		95.7	75-125			
2-Hexanone (MBK)	49.0		ug/L	50.0		98.0	55-130			
4-Chlorotoluene	49.4		ug/L	50.0		98.8	75-130			
4-Isopropyltoluene	57.5		ug/L	50.0		115	75-130			
4-Methyl-2-pentanone (MIBK)	44.8		ug/L	50.0		89.7	60-135			
Acetone	52.9		ug/L	50.0		106	40-140			
Benzene	44.8		ug/L	50.0		89.6	80-120			
Bromobenzene	45.7		ug/L	50.0		91.3	75-125			
Bromochloromethane	46.1		ug/L	50.0		92.3	65-130			

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0528 - SW5030B-MS										
LCS (BJB0528-BS1)				Prepared & Analyzed: 02/11/2026						
Bromodichloromethane	47.3		ug/L	50.0		94.5	75-120			
Bromoform	47.4		ug/L	50.0		94.7	70-130			
Bromomethane	43.1		ug/L	50.0		86.2	30-145			
Carbon disulfide	39.0		ug/L	50.0		78.0	35-160			
Carbon tetrachloride	43.2		ug/L	50.0		86.3	65-140			
Chlorobenzene	45.7		ug/L	50.0		91.5	80-120			
Chloroethane	43.9		ug/L	50.0		87.8	60-135			
Chloroform	40.8		ug/L	50.0		81.6	65-135			
Chloromethane	40.7		ug/L	50.0		81.4	40-125			
cis-1,2-Dichloroethylene	45.5		ug/L	50.0		91.0	70-125			
cis-1,3-Dichloropropene	49.2		ug/L	50.0		98.3	70-130			
Dibromochloromethane	47.5		ug/L	50.0		95.0	60-135			
Dibromomethane	46.5		ug/L	50.0		93.1	75-125			
Dichlorodifluoromethane	37.0		ug/L	50.0		73.9	30-155			
Ethylbenzene	48.2		ug/L	50.0		96.4	75-125			
Hexachlorobutadiene	49.5		ug/L	50.0		99.0	50-140			
Isopropylbenzene	46.7		ug/L	50.0		93.4	75-125			
m+p-Xylenes	95.2		ug/L	100		95.2	75-130			
Methylene chloride	41.4		ug/L	50.0		82.8	55-140			
Methyl-t-butyl ether (MTBE)	38.6		ug/L	50.0		77.3	65-125			
Naphthalene	59.4		ug/L	50.0		119	55-140			
n-Butylbenzene	56.3		ug/L	50.0		113	70-135			
n-Propylbenzene	47.6		ug/L	50.0		95.2	70-130			
o-Xylene	47.1		ug/L	50.0		94.2	80-120			
sec-Butylbenzene	59.0		ug/L	50.0		118	70-125			

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0528 - SW5030B-MS

LCS (BJB0528-BS1)

Prepared & Analyzed: 02/11/2026

Styrene	50.5		ug/L	50.0		101	65-135			
tert-Butylbenzene	51.2		ug/L	50.0		102	70-130			
Tetrachloroethylene (PCE)	42.6		ug/L	50.0		85.3	45-150			
Toluene	43.1		ug/L	50.0		86.3	75-120			
trans-1,2-Dichloroethylene	42.6		ug/L	50.0		85.1	60-140			
trans-1,3-Dichloropropene	50.6		ug/L	50.0		101	55-140			
Trichloroethylene	45.9		ug/L	50.0		91.8	70-125			
Trichlorofluoromethane	41.4		ug/L	50.0		82.8	60-145			
Vinyl chloride	45.7		ug/L	50.0		91.4	50-145			
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	<i>48.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.6</i>	<i>70-120</i>			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	<i>48.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.8</i>	<i>75-120</i>			
<i>Surr: Dibromofluoromethane (Surr)</i>	<i>49.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.8</i>	<i>70-130</i>			
<i>Surr: Toluene-d8 (Surr)</i>	<i>49.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.4</i>	<i>70-130</i>			

Matrix Spike (BJB0528-MS1)

Source: 26B0173-06

Prepared & Analyzed: 02/11/2026

1,1,1,2-Tetrachloroethane	44.8		ug/L	50.0	BLOD	89.7	80-130			
1,1,1-Trichloroethane	39.6		ug/L	50.0	BLOD	79.1	65-130			
1,1,2,2-Tetrachloroethane	51.2		ug/L	50.0	BLOD	102	65-130			
1,1,2-Trichloroethane	48.6		ug/L	50.0	BLOD	97.1	75-125			
1,1-Dichloroethane	39.5		ug/L	50.0	BLOD	79.0	70-135			
1,1-Dichloroethylene	37.3		ug/L	50.0	BLOD	74.6	50-145			
1,1-Dichloropropene	39.6		ug/L	50.0	BLOD	79.1	75-135			
1,2,3-Trichlorobenzene	55.0		ug/L	50.0	BLOD	110	55-140			
1,2,3-Trichloropropane	51.0		ug/L	50.0	BLOD	102	75-125			
1,2,4-Trichlorobenzene	54.0		ug/L	50.0	BLOD	108	65-135			

Certificate of Analysis

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Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0528 - SW5030B-MS

Matrix Spike (BJB0528-MS1)

Source: 26B0173-06

Prepared & Analyzed: 02/11/2026

1,2,4-Trimethylbenzene	51.1		ug/L	50.0	BLOD	102	75-130
1,2-Dibromo-3-chloropropane (DBCP)	50.5		ug/L	50.0	BLOD	101	50-130
1,2-Dibromoethane (EDB)	50.1		ug/L	50.0	BLOD	100	80-120
1,2-Dichlorobenzene	49.3		ug/L	50.0	BLOD	98.6	70-120
1,2-Dichloroethane	44.0		ug/L	50.0	BLOD	88.0	70-130
1,2-Dichloropropane	43.6		ug/L	50.0	BLOD	87.1	75-125
1,3,5-Trimethylbenzene	48.0		ug/L	50.0	BLOD	96.1	75-124
1,3-Dichlorobenzene	49.5		ug/L	50.0	BLOD	99.0	75-125
1,3-Dichloropropane	47.9		ug/L	50.0	BLOD	95.7	75-125
1,4-Dichlorobenzene	47.6		ug/L	50.0	BLOD	95.3	75-125
2,2-Dichloropropane	42.7		ug/L	50.0	BLOD	85.5	70-135
2-Butanone (MEK)	42.2		ug/L	50.0	BLOD	84.5	30-150
2-Chlorotoluene	44.2		ug/L	50.0	BLOD	88.4	75-125
2-Hexanone (MBK)	46.7		ug/L	50.0	BLOD	93.4	55-130
4-Chlorotoluene	45.9		ug/L	50.0	BLOD	91.8	75-130
4-Isopropyltoluene	50.8		ug/L	50.0	BLOD	102	75-130
4-Methyl-2-pentanone (MIBK)	46.7		ug/L	50.0	BLOD	93.5	60-135
Acetone	43.2		ug/L	50.0	BLOD	86.3	40-140
Benzene	41.8		ug/L	50.0	BLOD	83.6	80-120
Bromobenzene	45.8		ug/L	50.0	BLOD	91.6	75-125
Bromochloromethane	46.1		ug/L	50.0	BLOD	92.3	65-130
Bromodichloromethane	46.7		ug/L	50.0	BLOD	93.3	75-136
Bromoform	50.2		ug/L	50.0	BLOD	100	70-130
Bromomethane	41.7		ug/L	50.0	BLOD	83.4	30-145
Carbon disulfide	32.2		ug/L	50.0	BLOD	64.1	35-160

Certificate of Analysis

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Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0528 - SW5030B-MS

Matrix Spike (BJB0528-MS1)		Source: 26B0173-06		Prepared & Analyzed: 02/11/2026						
Carbon tetrachloride	39.0		ug/L	50.0	BLOD	78.0	65-140			
Chlorobenzene	43.9		ug/L	50.0	BLOD	87.8	80-120			
Chloroethane	40.2		ug/L	50.0	BLOD	80.5	60-135			
Chloroform	40.3		ug/L	50.0	BLOD	80.6	65-135			
Chloromethane	34.0		ug/L	50.0	BLOD	67.9	40-125			
cis-1,2-Dichloroethylene	42.0		ug/L	50.0	BLOD	84.0	70-125			
cis-1,3-Dichloropropene	48.6		ug/L	50.0	BLOD	97.3	47-136			
Dibromochloromethane	50.7		ug/L	50.0	BLOD	101	60-135			
Dibromomethane	47.1		ug/L	50.0	BLOD	94.1	75-125			
Dichlorodifluoromethane	45.1		ug/L	50.0	BLOD	90.1	30-155			
Ethylbenzene	44.1		ug/L	50.0	BLOD	88.3	75-125			
Hexachlorobutadiene	44.4		ug/L	50.0	BLOD	88.8	50-140			
Isopropylbenzene	42.8		ug/L	50.0	BLOD	85.5	75-125			
m+p-Xylenes	88.1		ug/L	100	BLOD	88.1	75-130			
Methylene chloride	40.6		ug/L	50.0	BLOD	80.3	55-140			
Methyl-t-butyl ether (MTBE)	43.4		ug/L	50.0	0.83	85.1	65-125			
Naphthalene	62.6		ug/L	50.0	BLOD	125	55-140			
n-Butylbenzene	49.2		ug/L	50.0	BLOD	98.5	70-135			
n-Propylbenzene	43.0		ug/L	50.0	BLOD	86.1	70-130			
o-Xylene	44.0		ug/L	50.0	BLOD	88.0	80-120			
sec-Butylbenzene	51.2		ug/L	50.0	BLOD	102	70-125			
Styrene	48.6		ug/L	50.0	BLOD	97.2	65-135			
tert-Butylbenzene	45.9		ug/L	50.0	BLOD	91.8	70-130			
Tetrachloroethylene (PCE)	38.8		ug/L	50.0	BLOD	77.5	51-231			
Toluene	40.2		ug/L	50.0	BLOD	80.5	75-120			

Certificate of Analysis

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Client Site I.D.: Bristol LFG-EW Monthly
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Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0528 - SW5030B-MS

Matrix Spike (BJB0528-MS1)		Source: 26B0173-06		Prepared & Analyzed: 02/11/2026						
trans-1,2-Dichloroethylene	38.4		ug/L	50.0	BLOD	76.8	60-140			
trans-1,3-Dichloropropene	53.0		ug/L	50.0	BLOD	106	55-140			
Trichloroethylene	40.1		ug/L	50.0	BLOD	80.2	70-125			
Trichlorofluoromethane	37.6		ug/L	50.0	BLOD	75.3	60-145			
Vinyl chloride	35.3		ug/L	50.0	BLOD	70.6	50-145			
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	52.5		ug/L	50.0		105	70-120			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	48.6		ug/L	50.0		97.3	75-120			
<i>Surr: Dibromofluoromethane (Surr)</i>	50.9		ug/L	50.0		102	70-130			
<i>Surr: Toluene-d8 (Surr)</i>	48.3		ug/L	50.0		96.6	70-130			

Matrix Spike Dup (BJB0528-MSD1)		Source: 26B0173-06		Prepared & Analyzed: 02/11/2026						
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0	BLOD	100	80-130	11.4	30	
1,1,1-Trichloroethane	49.8		ug/L	50.0	BLOD	99.7	65-130	23.0	30	
1,1,2,2-Tetrachloroethane	46.2		ug/L	50.0	BLOD	92.3	65-130	10.4	30	
1,1,2-Trichloroethane	46.7		ug/L	50.0	BLOD	93.4	75-125	3.93	30	
1,1-Dichloroethane	51.1		ug/L	50.0	BLOD	102	70-135	25.7	30	
1,1-Dichloroethylene	43.6		ug/L	50.0	BLOD	87.3	50-145	15.6	30	
1,1-Dichloropropene	50.0		ug/L	50.0	BLOD	100	75-135	23.4	30	
1,2,3-Trichlorobenzene	55.0		ug/L	50.0	BLOD	110	55-140	0.0909	30	
1,2,3-Trichloropropane	45.4		ug/L	50.0	BLOD	90.7	75-125	11.6	30	
1,2,4-Trichlorobenzene	55.0		ug/L	50.0	BLOD	110	65-135	1.94	30	
1,2,4-Trimethylbenzene	58.6		ug/L	50.0	BLOD	117	75-130	13.7	30	
1,2-Dibromo-3-chloropropane (DBCP)	43.5		ug/L	50.0	BLOD	86.9	50-130	14.9	30	
1,2-Dibromoethane (EDB)	47.4		ug/L	50.0	BLOD	94.9	80-120	5.55	30	
1,2-Dichlorobenzene	53.0		ug/L	50.0	BLOD	106	70-120	7.23	30	

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0528 - SW5030B-MS

Matrix Spike Dup (BJB0528-MSD1)

Source: 26B0173-06

Prepared & Analyzed: 02/11/2026

1,2-Dichloroethane	42.7		ug/L	50.0	BLOD	85.3	70-130	3.11	30	
1,2-Dichloropropane	46.7		ug/L	50.0	BLOD	93.4	75-125	6.98	30	
1,3,5-Trimethylbenzene	57.1		ug/L	50.0	BLOD	114	75-124	17.2	30	
1,3-Dichlorobenzene	53.7		ug/L	50.0	BLOD	107	75-125	8.18	30	
1,3-Dichloropropane	47.0		ug/L	50.0	BLOD	94.0	75-125	1.79	30	
1,4-Dichlorobenzene	51.4		ug/L	50.0	BLOD	103	75-125	7.65	30	
2,2-Dichloropropane	52.6		ug/L	50.0	BLOD	105	70-135	20.7	30	
2-Butanone (MEK)	37.7		ug/L	50.0	BLOD	75.4	30-150	11.3	30	
2-Chlorotoluene	51.5		ug/L	50.0	BLOD	103	75-125	15.2	30	
2-Hexanone (MBK)	43.3		ug/L	50.0	BLOD	86.5	55-130	7.61	30	
4-Chlorotoluene	53.1		ug/L	50.0	BLOD	106	75-130	14.5	30	
4-Isopropyltoluene	61.5		ug/L	50.0	BLOD	123	75-130	19.0	30	
4-Methyl-2-pentanone (MIBK)	43.6		ug/L	50.0	BLOD	87.3	60-135	6.86	30	
Acetone	40.4		ug/L	50.0	BLOD	80.8	40-140	6.60	30	
Benzene	50.1		ug/L	50.0	BLOD	100	80-120	18.1	30	
Bromobenzene	50.6		ug/L	50.0	BLOD	101	75-125	9.90	30	
Bromochloromethane	45.9		ug/L	50.0	BLOD	91.9	65-130	0.434	30	
Bromodichloromethane	49.8		ug/L	50.0	BLOD	99.7	75-136	6.57	30	
Bromoform	47.0		ug/L	50.0	BLOD	94.0	70-130	6.64	30	
Bromomethane	46.9		ug/L	50.0	BLOD	93.8	30-145	11.7	30	
Carbon disulfide	35.0		ug/L	50.0	BLOD	69.7	35-160	8.42	30	
Carbon tetrachloride	50.5		ug/L	50.0	BLOD	101	65-140	25.7	30	
Chlorobenzene	50.1		ug/L	50.0	BLOD	100	80-120	13.2	30	
Chloroethane	46.5		ug/L	50.0	BLOD	93.1	60-135	14.5	30	
Chloroform	44.8		ug/L	50.0	BLOD	89.6	65-135	10.6	30	

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0528 - SW5030B-MS										
Matrix Spike Dup (BJB0528-MSD1)		Source: 26B0173-06		Prepared & Analyzed: 02/11/2026						
Chloromethane	42.0		ug/L	50.0	BLOD	84.1	40-125	21.3	30	
cis-1,2-Dichloroethylene	48.6		ug/L	50.0	BLOD	97.1	70-125	14.5	30	
cis-1,3-Dichloropropene	52.0		ug/L	50.0	BLOD	104	47-136	6.76	30	
Dibromochloromethane	49.7		ug/L	50.0	BLOD	99.4	60-135	1.89	30	
Dibromomethane	46.0		ug/L	50.0	BLOD	92.1	75-125	2.19	30	
Dichlorodifluoromethane	57.2		ug/L	50.0	BLOD	114	30-155	23.8	30	
Ethylbenzene	53.4		ug/L	50.0	BLOD	107	75-125	18.9	30	
Hexachlorobutadiene	52.2		ug/L	50.0	BLOD	104	50-140	16.2	30	
Isopropylbenzene	52.0		ug/L	50.0	BLOD	104	75-125	19.6	30	
m+p-Xylenes	106		ug/L	100	BLOD	106	75-130	18.8	30	
Methylene chloride	43.3		ug/L	50.0	BLOD	85.5	55-140	6.29	30	
Methyl-t-butyl ether (MTBE)	40.0		ug/L	50.0	0.83	78.4	65-125	8.13	30	
Naphthalene	56.7		ug/L	50.0	BLOD	113	55-140	9.93	30	
n-Butylbenzene	59.7		ug/L	50.0	BLOD	119	70-135	19.2	30	
n-Propylbenzene	52.1		ug/L	50.0	BLOD	104	70-130	19.1	30	
o-Xylene	51.2		ug/L	50.0	BLOD	102	80-120	15.2	30	
sec-Butylbenzene	62.6		ug/L	50.0	BLOD	125	70-125	20.0	30	M
Styrene	54.0		ug/L	50.0	BLOD	108	65-135	10.6	30	
tert-Butylbenzene	55.5		ug/L	50.0	BLOD	111	70-130	19.0	30	
Tetrachloroethylene (PCE)	49.8		ug/L	50.0	BLOD	99.7	51-231	25.0	30	
Toluene	48.9		ug/L	50.0	BLOD	97.7	75-120	19.3	30	
trans-1,2-Dichloroethylene	47.3		ug/L	50.0	BLOD	94.6	60-140	20.8	30	
trans-1,3-Dichloropropene	52.6		ug/L	50.0	BLOD	105	55-140	0.852	30	
Trichloroethylene	50.6		ug/L	50.0	BLOD	101	70-125	23.0	30	
Trichlorofluoromethane	46.4		ug/L	50.0	BLOD	92.9	60-145	20.9	30	

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0528 - SW5030B-MS

Matrix Spike Dup (BJB0528-MSD1)		Source: 26B0173-06		Prepared & Analyzed: 02/11/2026						
Vinyl chloride	47.2		ug/L	50.0	BLOD	94.3	50-145	28.8	30	
Surr: 1,2-Dichloroethane-d4 (Surr)	47.7		ug/L	50.0		95.5	70-120			
Surr: 4-Bromofluorobenzene (Surr)	50.0		ug/L	50.0		100	75-120			
Surr: Dibromofluoromethane (Surr)	48.2		ug/L	50.0		96.4	70-130			
Surr: Toluene-d8 (Surr)	49.1		ug/L	50.0		98.1	70-130			

Batch BJB0579 - SW5030B-MS

Blank (BJB0579-BLK1)		Prepared & Analyzed: 02/12/2026								
2-Butanone (MEK)	ND	10.0	ug/L							
Acetone	ND	10.0	ug/L							
Benzene	ND	1.00	ug/L							
Ethylbenzene	ND	1.00	ug/L							
Toluene	ND	1.00	ug/L							
Xylenes, Total	ND	3.00	ug/L							
Tetrahydrofuran	ND	10.0	ug/L							
Surr: 1,2-Dichloroethane-d4 (Surr)	50.5		ug/L	50.0		101	70-120			
Surr: 4-Bromofluorobenzene (Surr)	50.2		ug/L	50.0		100	75-120			
Surr: Dibromofluoromethane (Surr)	47.6		ug/L	50.0		95.2	70-130			
Surr: Toluene-d8 (Surr)	49.4		ug/L	50.0		98.9	70-130			

LCS (BJB0579-BS1)		Prepared & Analyzed: 02/12/2026								
1,1,1,2-Tetrachloroethane	47.5		ug/L	50.0		95.0	80-130			
1,1,1-Trichloroethane	49.5		ug/L	50.0		99.0	65-130			
1,1,2,2-Tetrachloroethane	43.0		ug/L	50.0		86.0	65-130			
1,1,2-Trichloroethane	44.2		ug/L	50.0		88.4	75-125			

Certificate of Analysis

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Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0579 - SW5030B-MS										
LCS (BJB0579-BS1)				Prepared & Analyzed: 02/12/2026						
1,1-Dichloroethane	44.2		ug/L	50.0		88.3	70-135			
1,1-Dichloroethylene	50.3		ug/L	50.0		101	70-130			
1,1-Dichloropropene	51.5		ug/L	50.0		103	75-135			
1,2,3-Trichlorobenzene	45.7		ug/L	50.0		91.4	55-140			
1,2,3-Trichloropropane	39.9		ug/L	50.0		79.8	75-125			
1,2,4-Trichlorobenzene	45.7		ug/L	50.0		91.4	65-135			
1,2,4-Trimethylbenzene	50.5		ug/L	50.0		101	75-130			
1,2-Dibromo-3-chloropropane (DBCP)	37.1		ug/L	50.0		74.3	50-130			
1,2-Dibromoethane (EDB)	45.3		ug/L	50.0		90.5	80-120			
1,2-Dichlorobenzene	48.0		ug/L	50.0		96.0	70-120			
1,2-Dichloroethane	38.4		ug/L	50.0		76.8	70-130			
1,2-Dichloropropane	44.4		ug/L	50.0		88.7	75-125			
1,3,5-Trimethylbenzene	50.3		ug/L	50.0		101	75-125			
1,3-Dichlorobenzene	50.1		ug/L	50.0		100	75-125			
1,3-Dichloropropane	43.3		ug/L	50.0		86.6	75-125			
1,4-Dichlorobenzene	48.5		ug/L	50.0		97.0	75-125			
2,2-Dichloropropane	58.2		ug/L	50.0		116	70-135			
2-Butanone (MEK)	40.7		ug/L	50.0		81.4	30-150			
2-Chlorotoluene	49.3		ug/L	50.0		98.6	75-125			
2-Hexanone (MBK)	33.1		ug/L	50.0		66.2	55-130			
4-Chlorotoluene	49.3		ug/L	50.0		98.6	75-130			
4-Isopropyltoluene	55.7		ug/L	50.0		111	75-130			
4-Methyl-2-pentanone (MIBK)	37.0		ug/L	50.0		74.1	60-135			
Acetone	32.5		ug/L	50.0		65.0	40-140			
Benzene	48.2		ug/L	50.0		96.3	80-120			

Certificate of Analysis

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Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

LCS (BJB0579-BS1)

Prepared & Analyzed: 02/12/2026

Bromobenzene	49.0		ug/L	50.0		98.1	75-125			
Bromochloromethane	44.6		ug/L	50.0		89.1	65-130			
Bromodichloromethane	47.0		ug/L	50.0		94.1	75-120			
Bromoform	46.2		ug/L	50.0		92.5	70-130			
Bromomethane	49.8		ug/L	50.0		99.5	30-145			
Carbon disulfide	45.3		ug/L	50.0		90.6	35-160			
Carbon tetrachloride	59.2		ug/L	50.0		118	65-140			
Chlorobenzene	48.3		ug/L	50.0		96.5	80-120			
Chloroethane	43.4		ug/L	50.0		86.8	60-135			
Chloroform	41.9		ug/L	50.0		83.8	65-135			
Chloromethane	41.9		ug/L	50.0		83.7	40-125			
cis-1,2-Dichloroethylene	44.6		ug/L	50.0		89.1	70-125			
cis-1,3-Dichloropropene	48.4		ug/L	50.0		96.7	70-130			
Dibromochloromethane	49.7		ug/L	50.0		99.5	60-135			
Dibromomethane	43.0		ug/L	50.0		86.1	75-125			
Dichlorodifluoromethane	57.3		ug/L	50.0		115	30-155			
Ethylbenzene	49.8		ug/L	50.0		99.5	75-125			
Hexachlorobutadiene	55.0		ug/L	50.0		110	50-140			
Isopropylbenzene	53.1		ug/L	50.0		106	75-125			
m+p-Xylenes	102		ug/L	100		102	75-130			
Methylene chloride	39.7		ug/L	50.0		79.4	55-140			
Methyl-t-butyl ether (MTBE)	38.3		ug/L	50.0		76.5	65-125			
Naphthalene	41.1		ug/L	50.0		82.3	55-140			
n-Butylbenzene	53.9		ug/L	50.0		108	70-135			
n-Propylbenzene	52.1		ug/L	50.0		104	70-130			

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

LCS (BJB0579-BS1)

Prepared & Analyzed: 02/12/2026

o-Xylene	49.2		ug/L	50.0		98.3	80-120			
sec-Butylbenzene	60.5		ug/L	50.0		121	70-125			
Styrene	50.9		ug/L	50.0		102	65-135			
tert-Butylbenzene	52.8		ug/L	50.0		106	70-130			
Tetrachloroethylene (PCE)	52.1		ug/L	50.0		104	45-150			
Toluene	49.5		ug/L	50.0		99.0	75-120			
trans-1,2-Dichloroethylene	48.6		ug/L	50.0		97.1	60-140			
trans-1,3-Dichloropropene	48.4		ug/L	50.0		96.8	55-140			
Trichloroethylene	49.8		ug/L	50.0		99.5	70-125			
Trichlorofluoromethane	55.8		ug/L	50.0		112	60-145			
Vinyl chloride	52.8		ug/L	50.0		106	50-145			
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	47.9		ug/L	50.0		95.7	70-120			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	49.8		ug/L	50.0		99.5	75-120			
<i>Surr: Dibromofluoromethane (Surr)</i>	47.8		ug/L	50.0		95.6	70-130			
<i>Surr: Toluene-d8 (Surr)</i>	49.3		ug/L	50.0		98.5	70-130			

Duplicate (BJB0579-DUP1)

Source: 26B0437-03

Prepared & Analyzed: 02/12/2026

1,1,1,2-Tetrachloroethane	ND	0.40	ug/L		BLOD		NA	30		
1,1,1-Trichloroethane	ND	1.00	ug/L		BLOD		NA	30		
1,1,2,2-Tetrachloroethane	ND	0.40	ug/L		BLOD		NA	30		
1,1,2-Trichloroethane	ND	1.00	ug/L		BLOD		NA	30		
1,1-Dichloroethane	ND	1.00	ug/L		BLOD		NA	30		
1,1-Dichloroethylene	ND	1.00	ug/L		BLOD		NA	30		
1,1-Dichloropropene	ND	1.00	ug/L		BLOD		NA	30		
1,2,3-Trichlorobenzene	ND	1.00	ug/L		BLOD		NA	30		

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

Duplicate (BJB0579-DUP1)

Source: 26B0437-03

Prepared & Analyzed: 02/12/2026

1,2,3-Trichloropropane	ND	1.00	ug/L		BLOD			NA	30	
1,2,4-Trichlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
1,2,4-Trimethylbenzene	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dibromoethane (EDB)	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dichlorobenzene	ND	0.50	ug/L		BLOD			NA	30	
1,2-Dichloroethane	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dichloropropane	ND	0.50	ug/L		BLOD			NA	30	
1,3,5-Trimethylbenzene	ND	1.00	ug/L		BLOD			NA	30	
1,3-Dichlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
1,3-Dichloropropane	ND	1.00	ug/L		BLOD			NA	30	
1,4-Dichlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
2,2-Dichloropropane	ND	1.00	ug/L		BLOD			NA	30	
2-Butanone (MEK)	ND	10.0	ug/L		BLOD			NA	30	
2-Chlorotoluene	ND	1.00	ug/L		BLOD			NA	30	
2-Hexanone (MBK)	ND	5.00	ug/L		BLOD			NA	30	
4-Chlorotoluene	ND	1.00	ug/L		BLOD			NA	30	
4-Isopropyltoluene	ND	1.00	ug/L		BLOD			NA	30	
4-Methyl-2-pentanone (MIBK)	ND	5.00	ug/L		BLOD			NA	30	
Acetone	ND	10.0	ug/L		BLOD			NA	30	
Benzene	ND	1.00	ug/L		BLOD			NA	30	
Bromobenzene	ND	1.00	ug/L		BLOD			NA	30	
Bromochloromethane	ND	1.00	ug/L		BLOD			NA	30	
Bromodichloromethane	ND	0.50	ug/L		BLOD			NA	30	
Bromoform	ND	1.00	ug/L		BLOD			NA	30	

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

Duplicate (BJB0579-DUP1)

Source: 26B0437-03

Prepared & Analyzed: 02/12/2026

Bromomethane	ND	1.00	ug/L		BLOD			NA	30	
Carbon disulfide	ND	10.0	ug/L		BLOD			NA	30	
Carbon tetrachloride	ND	1.00	ug/L		BLOD			NA	30	
Chlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
Chloroethane	ND	1.00	ug/L		BLOD			NA	30	
Chloroform	ND	0.50	ug/L		BLOD			NA	30	
Chloromethane	ND	1.00	ug/L		BLOD			NA	30	
cis-1,2-Dichloroethylene	ND	1.00	ug/L		BLOD			NA	30	
cis-1,3-Dichloropropene	ND	1.00	ug/L		BLOD			NA	30	
Dibromochloromethane	ND	0.50	ug/L		BLOD			NA	30	
Dibromomethane	ND	1.00	ug/L		BLOD			NA	30	
Dichlorodifluoromethane	ND	1.00	ug/L		BLOD			NA	30	
Di-isopropyl ether (DIPE)	ND	5.00	ug/L		BLOD			NA	30	
Ethylbenzene	ND	1.00	ug/L		BLOD			NA	30	
Hexachlorobutadiene	ND	0.80	ug/L		BLOD			NA	30	
Iodomethane	ND	10.0	ug/L		BLOD			NA	30	
Isopropylbenzene	ND	1.00	ug/L		BLOD			NA	30	
m+p-Xylenes	ND	2.00	ug/L		BLOD			NA	30	
Methylene chloride	ND	4.00	ug/L		BLOD			NA	30	
Methyl-t-butyl ether (MTBE)	ND	1.00	ug/L		BLOD			NA	30	
Naphthalene	ND	1.00	ug/L		BLOD			NA	30	
n-Butylbenzene	ND	1.00	ug/L		BLOD			NA	30	
n-Propylbenzene	ND	1.00	ug/L		BLOD			NA	30	
o-Xylene	ND	1.00	ug/L		BLOD			NA	30	
sec-Butylbenzene	ND	1.00	ug/L		BLOD			NA	30	

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

Duplicate (BJB0579-DUP1)			Source: 26B0437-03		Prepared & Analyzed: 02/12/2026					
Styrene	ND	1.00	ug/L		BLOD			NA	30	
tert-Butylbenzene	ND	1.00	ug/L		BLOD			NA	30	
Tetrachloroethylene (PCE)	ND	1.00	ug/L		BLOD			NA	30	
Toluene	ND	1.00	ug/L		BLOD			NA	30	
trans-1,2-Dichloroethylene	ND	1.00	ug/L		BLOD			NA	30	
trans-1,3-Dichloropropene	ND	1.00	ug/L		BLOD			NA	30	
Trichloroethylene	ND	1.00	ug/L		BLOD			NA	30	
Trichlorofluoromethane	ND	1.00	ug/L		BLOD			NA	30	
Vinyl acetate	ND	10.0	ug/L		BLOD			NA	30	
Vinyl chloride	ND	0.50	ug/L		BLOD			NA	30	
Xylenes, Total	ND	3.00	ug/L		BLOD			NA	30	
Tetrahydrofuran	ND	10.0	ug/L		BLOD			NA	30	

<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	49.8	ug/L	50.0		99.6	70-120
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	50.0	ug/L	50.0		100	75-120
<i>Surr: Dibromofluoromethane (Surr)</i>	47.8	ug/L	50.0		95.7	70-130
<i>Surr: Toluene-d8 (Surr)</i>	49.4	ug/L	50.0		98.8	70-130

Matrix Spike (BJB0579-MS1)			Source: 26B0352-01		Prepared & Analyzed: 02/12/2026					
1,1,1,2-Tetrachloroethane	47.7		ug/L	50.0	BLOD	95.4	80-130			
1,1,1-Trichloroethane	49.8		ug/L	50.0	BLOD	99.6	65-130			
1,1,2,2-Tetrachloroethane	44.9		ug/L	50.0	BLOD	89.8	65-130			
1,1,2-Trichloroethane	44.6		ug/L	50.0	BLOD	89.3	75-125			
1,1-Dichloroethane	44.4		ug/L	50.0	BLOD	88.8	70-135			
1,1-Dichloroethylene	49.8		ug/L	50.0	BLOD	99.7	50-145			
1,1-Dichloropropene	50.7		ug/L	50.0	BLOD	101	75-135			

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

Matrix Spike (BJB0579-MS1)

Source: 26B0352-01

Prepared & Analyzed: 02/12/2026

1,2,3-Trichlorobenzene	48.3		ug/L	50.0	BLOD	96.7	55-140
1,2,3-Trichloropropane	42.1		ug/L	50.0	BLOD	84.3	75-125
1,2,4-Trichlorobenzene	48.3		ug/L	50.0	BLOD	96.7	65-135
1,2,4-Trimethylbenzene	51.7		ug/L	50.0	BLOD	103	75-130
1,2-Dibromo-3-chloropropane (DBCP)	40.6		ug/L	50.0	BLOD	81.3	50-130
1,2-Dibromoethane (EDB)	45.6		ug/L	50.0	BLOD	91.2	80-120
1,2-Dichlorobenzene	48.9		ug/L	50.0	BLOD	97.9	70-120
1,2-Dichloroethane	38.6		ug/L	50.0	BLOD	77.2	70-130
1,2-Dichloropropane	44.7		ug/L	50.0	BLOD	89.4	75-125
1,3,5-Trimethylbenzene	51.0		ug/L	50.0	BLOD	102	75-124
1,3-Dichlorobenzene	49.9		ug/L	50.0	BLOD	99.9	75-125
1,3-Dichloropropane	44.0		ug/L	50.0	BLOD	88.1	75-125
1,4-Dichlorobenzene	49.4		ug/L	50.0	BLOD	98.8	75-125
2,2-Dichloropropane	59.1		ug/L	50.0	BLOD	118	70-135
2-Butanone (MEK)	45.4		ug/L	50.0	BLOD	90.8	30-150
2-Chlorotoluene	49.6		ug/L	50.0	BLOD	99.2	75-125
2-Hexanone (MBK)	34.8		ug/L	50.0	BLOD	69.5	55-130
4-Chlorotoluene	49.5		ug/L	50.0	BLOD	99.0	75-130
4-Isopropyltoluene	56.4		ug/L	50.0	BLOD	113	75-130
4-Methyl-2-pentanone (MIBK)	41.6		ug/L	50.0	BLOD	83.3	60-135
Acetone	37.0		ug/L	50.0	3.33	67.3	40-140
Benzene	48.2		ug/L	50.0	BLOD	96.3	80-120
Bromobenzene	49.1		ug/L	50.0	BLOD	98.2	75-125
Bromochloromethane	44.7		ug/L	50.0	BLOD	89.3	65-130
Bromodichloromethane	47.4		ug/L	50.0	BLOD	94.8	75-136

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

Matrix Spike (BJB0579-MS1)

Source: 26B0352-01

Prepared & Analyzed: 02/12/2026

Bromoform	47.1		ug/L	50.0	BLOD	94.2	70-130			
Bromomethane	49.7		ug/L	50.0	BLOD	99.4	30-145			
Carbon disulfide	44.8		ug/L	50.0	BLOD	89.6	35-160			
Carbon tetrachloride	60.2		ug/L	50.0	BLOD	120	65-140			
Chlorobenzene	49.0		ug/L	50.0	BLOD	97.9	80-120			
Chloroethane	44.3		ug/L	50.0	BLOD	88.5	60-135			
Chloroform	42.0		ug/L	50.0	0.58	82.9	65-135			
Chloromethane	41.9		ug/L	50.0	BLOD	83.7	40-125			
cis-1,2-Dichloroethylene	44.2		ug/L	50.0	BLOD	88.4	70-125			
cis-1,3-Dichloropropene	48.0		ug/L	50.0	BLOD	96.1	47-136			
Dibromochloromethane	50.1		ug/L	50.0	BLOD	100	60-135			
Dibromomethane	42.9		ug/L	50.0	BLOD	85.7	75-125			
Dichlorodifluoromethane	58.3		ug/L	50.0	BLOD	117	30-155			
Ethylbenzene	50.4		ug/L	50.0	BLOD	101	75-125			
Hexachlorobutadiene	62.1		ug/L	50.0	BLOD	124	50-140			
Isopropylbenzene	51.8		ug/L	50.0	BLOD	104	75-125			
m+p-Xylenes	102		ug/L	100	BLOD	102	75-130			
Methylene chloride	39.6		ug/L	50.0	BLOD	79.3	55-140			
Methyl-t-butyl ether (MTBE)	39.2		ug/L	50.0	BLOD	78.4	65-125			
Naphthalene	45.2		ug/L	50.0	BLOD	90.4	55-140			
n-Butylbenzene	54.8		ug/L	50.0	BLOD	110	70-135			
n-Propylbenzene	52.3		ug/L	50.0	BLOD	105	70-130			
o-Xylene	49.9		ug/L	50.0	BLOD	99.7	80-120			
sec-Butylbenzene	61.5		ug/L	50.0	BLOD	123	70-125			
Styrene	51.5		ug/L	50.0	BLOD	103	65-135			

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0579 - SW5030B-MS

Matrix Spike (BJB0579-MS1)		Source: 26B0352-01		Prepared & Analyzed: 02/12/2026						
tert-Butylbenzene	53.0		ug/L	50.0	BLOD	106	70-130			
Tetrachloroethylene (PCE)	52.6		ug/L	50.0	BLOD	105	51-231			
Toluene	49.3		ug/L	50.0	BLOD	98.6	75-120			
trans-1,2-Dichloroethylene	48.2		ug/L	50.0	BLOD	96.4	60-140			
trans-1,3-Dichloropropene	48.2		ug/L	50.0	BLOD	96.5	55-140			
Trichloroethylene	49.5		ug/L	50.0	BLOD	99.1	70-125			
Trichlorofluoromethane	55.7		ug/L	50.0	BLOD	111	60-145			
Vinyl chloride	51.2		ug/L	50.0	BLOD	102	50-145			
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	48.8		ug/L	50.0		97.5	70-120			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	49.8		ug/L	50.0		99.7	75-120			
<i>Surr: Dibromofluoromethane (Surr)</i>	47.6		ug/L	50.0		95.2	70-130			
<i>Surr: Toluene-d8 (Surr)</i>	49.6		ug/L	50.0		99.1	70-130			

Batch BJB0644 - SW5030B-MS

Blank (BJB0644-BLK1)		Prepared & Analyzed: 02/13/2026								
2-Butanone (MEK)	ND	10.0	ug/L							
Acetone	ND	10.0	ug/L							
Benzene	ND	1.00	ug/L							
Ethylbenzene	ND	1.00	ug/L							
Toluene	ND	1.00	ug/L							
Xylenes, Total	ND	3.00	ug/L							
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	49.5		ug/L	50.0		99.1	70-120			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	50.2		ug/L	50.0		100	75-120			
<i>Surr: Dibromofluoromethane (Surr)</i>	47.3		ug/L	50.0		94.6	70-130			

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0644 - SW5030B-MS										
Blank (BJB0644-BLK1)				Prepared & Analyzed: 02/13/2026						
<i>Surr: Toluene-d8 (Surr)</i>	49.9		ug/L	50.0		99.8	70-130			
LCS (BJB0644-BS1)				Prepared & Analyzed: 02/13/2026						
1,1,1,2-Tetrachloroethane	48.9		ug/L	50.0		97.8	80-130			
1,1,1-Trichloroethane	50.4		ug/L	50.0		101	65-130			
1,1,2,2-Tetrachloroethane	45.8		ug/L	50.0		91.6	65-130			
1,1,2-Trichloroethane	46.4		ug/L	50.0		92.8	75-125			
1,1-Dichloroethane	44.2		ug/L	50.0		88.4	70-135			
1,1-Dichloroethylene	50.2		ug/L	50.0		100	70-130			
1,1-Dichloropropene	51.9		ug/L	50.0		104	75-135			
1,2,3-Trichlorobenzene	46.9		ug/L	50.0		93.8	55-140			
1,2,3-Trichloropropane	42.9		ug/L	50.0		85.8	75-125			
1,2,4-Trichlorobenzene	46.9		ug/L	50.0		93.8	65-135			
1,2,4-Trimethylbenzene	51.5		ug/L	50.0		103	75-130			
1,2-Dibromo-3-chloropropane (DBCP)	41.3		ug/L	50.0		82.6	50-130			
1,2-Dibromoethane (EDB)	46.8		ug/L	50.0		93.7	80-120			
1,2-Dichlorobenzene	49.7		ug/L	50.0		99.5	70-120			
1,2-Dichloroethane	38.7		ug/L	50.0		77.3	70-130			
1,2-Dichloropropane	45.6		ug/L	50.0		91.3	75-125			
1,3,5-Trimethylbenzene	52.0		ug/L	50.0		104	75-125			
1,3-Dichlorobenzene	51.4		ug/L	50.0		103	75-125			
1,3-Dichloropropane	44.8		ug/L	50.0		89.5	75-125			
1,4-Dichlorobenzene	50.7		ug/L	50.0		101	75-125			
2,2-Dichloropropane	59.6		ug/L	50.0		119	70-135			
2-Butanone (MEK)	45.8		ug/L	50.0		91.6	30-150			

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

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Batch BJB0644 - SW5030B-MS

LCS (BJB0644-BS1)

Prepared & Analyzed: 02/13/2026

2-Chlorotoluene	50.5		ug/L	50.0		101	75-125			
2-Hexanone (MBK)	36.3		ug/L	50.0		72.7	55-130			
4-Chlorotoluene	50.7		ug/L	50.0		101	75-130			
4-Isopropyltoluene	56.8		ug/L	50.0		114	75-130			
4-Methyl-2-pentanone (MIBK)	42.3		ug/L	50.0		84.6	60-135			
Acetone	36.8		ug/L	50.0		73.6	40-140			
Benzene	49.2		ug/L	50.0		98.5	80-120			
Bromobenzene	49.8		ug/L	50.0		99.5	75-125			
Bromochloromethane	45.7		ug/L	50.0		91.3	65-130			
Bromodichloromethane	48.1		ug/L	50.0		96.2	75-120			
Bromoform	49.0		ug/L	50.0		98.0	70-130			
Bromomethane	50.6		ug/L	50.0		101	30-145			
Carbon disulfide	44.0		ug/L	50.0		88.0	35-160			
Carbon tetrachloride	60.1		ug/L	50.0		120	65-140			
Chlorobenzene	49.4		ug/L	50.0		98.9	80-120			
Chloroethane	41.6		ug/L	50.0		83.3	60-135			
Chloroform	42.0		ug/L	50.0		84.0	65-135			
Chloromethane	41.4		ug/L	50.0		82.7	40-125			
cis-1,2-Dichloroethylene	45.7		ug/L	50.0		91.3	70-125			
cis-1,3-Dichloropropene	49.4		ug/L	50.0		98.7	70-130			
Dibromochloromethane	51.0		ug/L	50.0		102	60-135			
Dibromomethane	44.9		ug/L	50.0		89.8	75-125			
Dichlorodifluoromethane	57.2		ug/L	50.0		114	30-155			
Ethylbenzene	51.0		ug/L	50.0		102	75-125			
Hexachlorobutadiene	56.7		ug/L	50.0		113	50-140			

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

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Batch BJB0644 - SW5030B-MS

LCS (BJB0644-BS1)

Prepared & Analyzed: 02/13/2026

Isopropylbenzene	52.9		ug/L	50.0		106	75-125			
m+p-Xylenes	104		ug/L	100		104	75-130			
Methylene chloride	40.5		ug/L	50.0		81.0	55-140			
Methyl-t-butyl ether (MTBE)	39.5		ug/L	50.0		79.0	65-125			
Naphthalene	44.9		ug/L	50.0		89.9	55-140			
n-Butylbenzene	54.9		ug/L	50.0		110	70-135			
n-Propylbenzene	53.1		ug/L	50.0		106	70-130			
o-Xylene	51.0		ug/L	50.0		102	80-120			
sec-Butylbenzene	61.6		ug/L	50.0		123	70-125			
Styrene	52.6		ug/L	50.0		105	65-135			
tert-Butylbenzene	54.0		ug/L	50.0		108	70-130			
Tetrachloroethylene (PCE)	53.0		ug/L	50.0		106	45-150			
Toluene	50.8		ug/L	50.0		102	75-120			
trans-1,2-Dichloroethylene	49.0		ug/L	50.0		98.0	60-140			
trans-1,3-Dichloropropene	49.3		ug/L	50.0		98.6	55-140			
Trichloroethylene	50.4		ug/L	50.0		101	70-125			
Trichlorofluoromethane	54.8		ug/L	50.0		110	60-145			
Vinyl chloride	52.8		ug/L	50.0		106	50-145			
<i>Surr: 1,2-Dichloroethane-d4 (Surr)</i>	<i>48.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.1</i>	<i>70-120</i>			
<i>Surr: 4-Bromofluorobenzene (Surr)</i>	<i>49.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.0</i>	<i>75-120</i>			
<i>Surr: Dibromofluoromethane (Surr)</i>	<i>48.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.2</i>	<i>70-130</i>			
<i>Surr: Toluene-d8 (Surr)</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.4</i>	<i>70-130</i>			

Duplicate (BJB0644-DUP1)

Source: 26B0866-13

Prepared & Analyzed: 02/13/2026

1,1,1,2-Tetrachloroethane	ND	0.40	ug/L		BLOD			NA	30	
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Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0644 - SW5030B-MS

Duplicate (BJB0644-DUP1)

Source: 26B0866-13

Prepared & Analyzed: 02/13/2026

1,1,1-Trichloroethane	ND	1.00	ug/L		BLOD			NA	30	
1,1,2,2-Tetrachloroethane	ND	0.40	ug/L		BLOD			NA	30	
1,1,2-Trichloroethane	ND	1.00	ug/L		BLOD			NA	30	
1,1-Dichloroethane	ND	1.00	ug/L		BLOD			NA	30	
1,1-Dichloroethylene	ND	1.00	ug/L		BLOD			NA	30	
1,1-Dichloropropene	ND	1.00	ug/L		BLOD			NA	30	
1,2,3-Trichlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
1,2,3-Trichloropropane	ND	1.00	ug/L		BLOD			NA	30	
1,2,4-Trichlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
1,2,4-Trimethylbenzene	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dibromoethane (EDB)	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dichlorobenzene	ND	0.50	ug/L		BLOD			NA	30	
1,2-Dichloroethane	ND	1.00	ug/L		BLOD			NA	30	
1,2-Dichloropropane	ND	0.50	ug/L		BLOD			NA	30	
1,3,5-Trimethylbenzene	ND	1.00	ug/L		BLOD			NA	30	
1,3-Dichlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
1,3-Dichloropropane	ND	1.00	ug/L		BLOD			NA	30	
1,4-Dichlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
2,2-Dichloropropane	ND	1.00	ug/L		BLOD			NA	30	
2-Butanone (MEK)	ND	10.0	ug/L		BLOD			NA	30	
2-Chlorotoluene	ND	1.00	ug/L		BLOD			NA	30	
2-Hexanone (MBK)	ND	5.00	ug/L		BLOD			NA	30	
4-Chlorotoluene	ND	1.00	ug/L		BLOD			NA	30	
4-Isopropyltoluene	ND	1.00	ug/L		BLOD			NA	30	

Certificate of Analysis

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Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0644 - SW5030B-MS

Duplicate (BJB0644-DUP1)

Source: 26B0866-13

Prepared & Analyzed: 02/13/2026

4-Methyl-2-pentanone (MIBK)	ND	5.00	ug/L		BLOD			NA	30	
Acetone	ND	10.0	ug/L		BLOD			NA	30	
Benzene	ND	1.00	ug/L		BLOD			NA	30	
Bromobenzene	ND	1.00	ug/L		BLOD			NA	30	
Bromochloromethane	ND	1.00	ug/L		BLOD			NA	30	
Bromodichloromethane	ND	0.50	ug/L		BLOD			NA	30	
Bromoform	ND	1.00	ug/L		BLOD			NA	30	
Bromomethane	ND	1.00	ug/L		BLOD			NA	30	
Carbon disulfide	ND	10.0	ug/L		BLOD			NA	30	
Carbon tetrachloride	ND	1.00	ug/L		BLOD			NA	30	
Chlorobenzene	ND	1.00	ug/L		BLOD			NA	30	
Chloroethane	ND	1.00	ug/L		BLOD			NA	30	
Chloroform	ND	0.50	ug/L		BLOD			NA	30	
Chloromethane	ND	1.00	ug/L		BLOD			NA	30	
cis-1,2-Dichloroethylene	ND	1.00	ug/L		BLOD			NA	30	
cis-1,3-Dichloropropene	ND	1.00	ug/L		BLOD			NA	30	
Dibromochloromethane	ND	0.50	ug/L		BLOD			NA	30	
Dibromomethane	ND	1.00	ug/L		BLOD			NA	30	
Dichlorodifluoromethane	ND	1.00	ug/L		BLOD			NA	30	
Di-isopropyl ether (DIPE)	ND	5.00	ug/L		BLOD			NA	30	
Ethylbenzene	ND	1.00	ug/L		BLOD			NA	30	
Hexachlorobutadiene	ND	0.80	ug/L		BLOD			NA	30	
Iodomethane	ND	10.0	ug/L		BLOD			NA	30	
Isopropylbenzene	ND	1.00	ug/L		BLOD			NA	30	
m+p-Xylenes	ND	2.00	ug/L		BLOD			NA	30	

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Volatile Organic Compounds by GCMS - Quality Control

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Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0644 - SW5030B-MS

Duplicate (BJB0644-DUP1)

Source: 26B0866-13

Prepared & Analyzed: 02/13/2026

Methylene chloride	ND	4.00	ug/L		BLOD			NA	30	
Methyl-t-butyl ether (MTBE)	ND	1.00	ug/L		BLOD			NA	30	
Naphthalene	ND	1.00	ug/L		BLOD			NA	30	
n-Butylbenzene	ND	1.00	ug/L		BLOD			NA	30	
n-Propylbenzene	ND	1.00	ug/L		BLOD			NA	30	
o-Xylene	ND	1.00	ug/L		BLOD			NA	30	
sec-Butylbenzene	ND	1.00	ug/L		BLOD			NA	30	
Styrene	ND	1.00	ug/L		BLOD			NA	30	
tert-Butylbenzene	ND	1.00	ug/L		BLOD			NA	30	
Tetrachloroethylene (PCE)	ND	1.00	ug/L		BLOD			NA	30	
Toluene	ND	1.00	ug/L		BLOD			NA	30	
trans-1,2-Dichloroethylene	ND	1.00	ug/L		BLOD			NA	30	
trans-1,3-Dichloropropene	ND	1.00	ug/L		BLOD			NA	30	
Trichloroethylene	ND	1.00	ug/L		BLOD			NA	30	
Trichlorofluoromethane	ND	1.00	ug/L		BLOD			NA	30	
Vinyl acetate	ND	10.0	ug/L		BLOD			NA	30	
Vinyl chloride	ND	0.50	ug/L		BLOD			NA	30	
Xylenes, Total	ND	3.00	ug/L		BLOD			NA	30	
Tetrahydrofuran	ND	10.0	ug/L		BLOD			NA	30	
Surr: 1,2-Dichloroethane-d4 (Surr)	48.8		ug/L	50.0		97.7	70-120			
Surr: 4-Bromofluorobenzene (Surr)	50.2		ug/L	50.0		100	75-120			
Surr: Dibromofluoromethane (Surr)	47.8		ug/L	50.0		95.5	70-130			
Surr: Toluene-d8 (Surr)	49.4		ug/L	50.0		98.9	70-130			

Matrix Spike (BJB0644-MS1)

Source: 26B0866-08

Prepared & Analyzed: 02/13/2026

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0644 - SW5030B-MS

Matrix Spike (BJB0644-MS1)

Source: 26B0866-08

Prepared & Analyzed: 02/13/2026

1,1,1,2-Tetrachloroethane	48.9		ug/L	50.0	BLOD	97.9	80-130
1,1,1-Trichloroethane	48.9		ug/L	50.0	BLOD	97.8	65-130
1,1,2,2-Tetrachloroethane	47.2		ug/L	50.0	BLOD	94.4	65-130
1,1,2-Trichloroethane	45.7		ug/L	50.0	BLOD	91.5	75-125
1,1-Dichloroethane	45.2		ug/L	50.0	1.66	87.1	70-135
1,1-Dichloroethylene	49.5		ug/L	50.0	BLOD	99.1	50-145
1,1-Dichloropropene	50.8		ug/L	50.0	BLOD	102	75-135
1,2,3-Trichlorobenzene	49.4		ug/L	50.0	BLOD	98.8	55-140
1,2,3-Trichloropropane	43.8		ug/L	50.0	BLOD	87.6	75-125
1,2,4-Trichlorobenzene	49.4		ug/L	50.0	BLOD	98.8	65-135
1,2,4-Trimethylbenzene	51.8		ug/L	50.0	BLOD	104	75-130
1,2-Dibromo-3-chloropropane (DBCP)	44.7		ug/L	50.0	BLOD	89.4	50-130
1,2-Dibromoethane (EDB)	47.3		ug/L	50.0	BLOD	94.6	80-120
1,2-Dichlorobenzene	50.0		ug/L	50.0	BLOD	99.9	70-120
1,2-Dichloroethane	38.5		ug/L	50.0	BLOD	77.1	70-130
1,2-Dichloropropane	44.7		ug/L	50.0	BLOD	89.4	75-125
1,3,5-Trimethylbenzene	51.3		ug/L	50.0	BLOD	103	75-124
1,3-Dichlorobenzene	51.8		ug/L	50.0	BLOD	104	75-125
1,3-Dichloropropane	44.5		ug/L	50.0	BLOD	88.9	75-125
1,4-Dichlorobenzene	51.4		ug/L	50.0	0.50	102	75-125
2,2-Dichloropropane	57.5		ug/L	50.0	BLOD	115	70-135
2-Butanone (MEK)	46.4		ug/L	50.0	BLOD	92.7	30-150
2-Chlorotoluene	49.8		ug/L	50.0	BLOD	99.7	75-125
2-Hexanone (MBK)	39.0		ug/L	50.0	BLOD	78.0	55-130
4-Chlorotoluene	51.1		ug/L	50.0	BLOD	102	75-130

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0644 - SW5030B-MS

Matrix Spike (BJB0644-MS1)

Source: 26B0866-08

Prepared & Analyzed: 02/13/2026

4-Isopropyltoluene	56.9		ug/L	50.0	BLOD	114	75-130
4-Methyl-2-pentanone (MIBK)	44.8		ug/L	50.0	BLOD	89.6	60-135
Acetone	36.3		ug/L	50.0	BLOD	70.4	40-140
Benzene	48.2		ug/L	50.0	0.26	95.8	80-120
Bromobenzene	50.2		ug/L	50.0	BLOD	100	75-125
Bromochloromethane	44.4		ug/L	50.0	BLOD	88.9	65-130
Bromodichloromethane	47.1		ug/L	50.0	BLOD	94.3	75-136
Bromoform	48.9		ug/L	50.0	BLOD	97.9	70-130
Bromomethane	46.6		ug/L	50.0	BLOD	93.2	30-145
Carbon disulfide	42.9		ug/L	50.0	BLOD	85.9	35-160
Carbon tetrachloride	60.0		ug/L	50.0	BLOD	120	65-140
Chlorobenzene	49.1		ug/L	50.0	BLOD	98.2	80-120
Chloroethane	40.8		ug/L	50.0	BLOD	81.5	60-135
Chloroform	40.9		ug/L	50.0	BLOD	81.8	65-135
Chloromethane	40.4		ug/L	50.0	BLOD	80.8	40-125
cis-1,2-Dichloroethylene	47.9		ug/L	50.0	3.40	89.1	70-125
cis-1,3-Dichloropropene	48.3		ug/L	50.0	BLOD	96.6	47-136
Dibromochloromethane	51.4		ug/L	50.0	BLOD	103	60-135
Dibromomethane	43.8		ug/L	50.0	BLOD	87.6	75-125
Dichlorodifluoromethane	57.1		ug/L	50.0	0.76	113	30-155
Ethylbenzene	50.2		ug/L	50.0	BLOD	100	75-125
Hexachlorobutadiene	57.4		ug/L	50.0	BLOD	115	50-140
Isopropylbenzene	53.6		ug/L	50.0	BLOD	107	75-125
m+p-Xylenes	103		ug/L	100	BLOD	103	75-130
Methylene chloride	39.1		ug/L	50.0	BLOD	78.2	55-140

Certificate of Analysis

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Volatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0644 - SW5030B-MS

Matrix Spike (BJB0644-MS1)

Source: 26B0866-08

Prepared & Analyzed: 02/13/2026

Methyl-t-butyl ether (MTBE)	39.7		ug/L	50.0	0.37	78.7	65-125			
Naphthalene	48.6		ug/L	50.0	BLOD	97.3	55-140			
n-Butylbenzene	54.4		ug/L	50.0	BLOD	109	70-135			
n-Propylbenzene	53.1		ug/L	50.0	BLOD	106	70-130			
o-Xylene	50.1		ug/L	50.0	BLOD	100	80-120			
sec-Butylbenzene	61.6		ug/L	50.0	BLOD	123	70-125			
Styrene	52.1		ug/L	50.0	BLOD	104	65-135			
tert-Butylbenzene	53.6		ug/L	50.0	BLOD	107	70-130			
Tetrachloroethylene (PCE)	53.6		ug/L	50.0	0.99	105	51-231			
Toluene	49.7		ug/L	50.0	BLOD	99.3	75-120			
trans-1,2-Dichloroethylene	47.8		ug/L	50.0	BLOD	95.5	60-140			
trans-1,3-Dichloropropene	48.4		ug/L	50.0	BLOD	96.8	55-140			
Trichloroethylene	51.3		ug/L	50.0	2.30	98.1	70-125			
Trichlorofluoromethane	53.8		ug/L	50.0	BLOD	108	60-145			
Vinyl chloride	49.0		ug/L	50.0	BLOD	98.0	50-145			
Surr: 1,2-Dichloroethane-d4 (Surr)	48.1		ug/L	50.0		96.2	70-120			
Surr: 4-Bromofluorobenzene (Surr)	49.1		ug/L	50.0		98.2	75-120			
Surr: Dibromofluoromethane (Surr)	47.1		ug/L	50.0		94.1	70-130			
Surr: Toluene-d8 (Surr)	49.4		ug/L	50.0		98.9	70-130			

Certificate of Analysis

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Semivolatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0157 - SW3510C/EPA600-MS

Blank (BJB0157-BLK1)

Prepared & Analyzed: 02/04/2026

Anthracene	ND	10.0	ug/L							
<i>Surr: 2,4,6-Tribromophenol (Surr)</i>	92.5		ug/L	100		92.5	5-136			
<i>Surr: 2-Fluorobiphenyl (Surr)</i>	34.3		ug/L	50.0		68.5	9-117			
<i>Surr: 2-Fluorophenol (Surr)</i>	41.4		ug/L	100		41.4	5-60			
<i>Surr: Nitrobenzene-d5 (Surr)</i>	36.1		ug/L	50.0		72.2	5-151			
<i>Surr: Phenol-d5 (Surr)</i>	28.0		ug/L	100		28.0	5-60			
<i>Surr: p-Terphenyl-d14 (Surr)</i>	33.1		ug/L	50.0		66.1	5-141			

LCS (BJB0157-BS1)

Prepared & Analyzed: 02/04/2026

1,2,4-Trichlorobenzene	32.3	10.0	ug/L	50.0		64.6	57-130			
1,2-Dichlorobenzene	29.0	10.0	ug/L	50.0		58.0	22-115			
1,3-Dichlorobenzene	28.3	10.0	ug/L	50.0		56.6	22-112			
1,4-Dichlorobenzene	28.2	10.0	ug/L	50.0		56.4	13-112			
2,4,6-Trichlorophenol	40.4	10.0	ug/L	50.0		80.7	52-129			
2,4-Dichlorophenol	40.0	10.0	ug/L	50.0		79.9	53-122			
2,4-Dimethylphenol	33.6	5.00	ug/L	50.0		67.3	42-120			
2,4-Dinitrophenol	45.6	50.0	ug/L	50.0		91.1	48-127			
2,4-Dinitrotoluene	39.2	10.0	ug/L	50.0		78.3	10-173			
2,6-Dinitrotoluene	38.2	10.0	ug/L	50.0		76.4	68-137			
2-Chloronaphthalene	28.9	10.0	ug/L	50.0		57.8	65-120			L
2-Chlorophenol	31.0	10.0	ug/L	50.0		62.0	36-120			
2-Nitrophenol	41.6	10.0	ug/L	50.0		83.2	45-167			
3,3'-Dichlorobenzidine	30.7	10.0	ug/L	50.0		61.4	10-213			
4,6-Dinitro-2-methylphenol	46.6	50.0	ug/L	50.0		93.3	53-130			
4-Bromophenyl phenyl ether	33.4	10.0	ug/L	50.0		66.9	65-120			

Certificate of Analysis

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Semivolatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0157 - SW3510C/EPA600-MS										
LCS (BJB0157-BS1)				Prepared & Analyzed: 02/04/2026						
4-Chlorophenyl phenyl ether	34.5	10.0	ug/L	50.0		69.1	38-145			
4-Nitrophenol	24.3	50.0	ug/L	50.0		48.6	13-129			
Acenaphthene	30.3	10.0	ug/L	50.0		60.6	60-132			
Acenaphthylene	28.8	10.0	ug/L	50.0		57.6	54-126			
Acetophenone	29.4	20.0	ug/L	50.0		58.7	0-200			
Anthracene	32.1	10.0	ug/L	50.0		64.2	43-120			
Benzo (a) anthracene	34.8	10.0	ug/L	50.0		69.5	42-133			
Benzo (a) pyrene	37.0	10.0	ug/L	50.0		74.1	32-148			
Benzo (b) fluoranthene	40.3	10.0	ug/L	50.0		80.6	42-140			
Benzo (g,h,i) perylene	30.1	10.0	ug/L	50.0		60.2	10-195			
Benzo (k) fluoranthene	36.9	10.0	ug/L	50.0		73.8	25-146			
bis (2-Chloroethoxy) methane	33.0	10.0	ug/L	50.0		66.0	49-165			
bis (2-Chloroethyl) ether	30.2	10.0	ug/L	50.0		60.3	43-126			
2,2'-Oxybis (1-chloropropane)	33.0	10.0	ug/L	50.0		66.0	63-139			
bis (2-Ethylhexyl) phthalate	35.7	10.0	ug/L	50.0		71.4	29-137			
Butyl benzyl phthalate	32.5	10.0	ug/L	50.0		65.0	10-140			
Chrysene	31.6	10.0	ug/L	50.0		63.2	44-140			
Dibenz (a,h) anthracene	33.6	10.0	ug/L	50.0		67.2	10-200			
Diethyl phthalate	38.4	10.0	ug/L	50.0		76.8	10-120			
Dimethyl phthalate	36.2	10.0	ug/L	50.0		72.3	10-120			
Di-n-butyl phthalate	30.5	10.0	ug/L	50.0		61.0	10-120			
Di-n-octyl phthalate	40.6	10.0	ug/L	50.0		81.3	19-132			
Fluoranthene	35.8	10.0	ug/L	50.0		71.6	43-121			
Fluorene	33.5	10.0	ug/L	50.0		67.0	70-120			L
Hexachlorobenzene	35.0	2.50	ug/L	50.0		70.0	10-142			

Certificate of Analysis

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Semivolatile Organic Compounds by GCMS - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0157 - SW3510C/EPA600-MS

LCS (BJB0157-BS1)

Prepared & Analyzed: 02/04/2026

Hexachlorobutadiene	42.3	10.0	ug/L	50.0		84.5	38-120			
Hexachlorocyclopentadiene	32.5	10.0	ug/L	50.0		65.0	10-76			
Hexachloroethane	28.8	10.0	ug/L	50.0		57.7	55-120			
Indeno (1,2,3-cd) pyrene	31.4	10.0	ug/L	50.0		62.9	10-151			
Isophorone	30.9	10.0	ug/L	50.0		61.9	47-180			
Naphthalene	30.2	5.00	ug/L	50.0		60.3	36-120			
Nitrobenzene	36.0	10.0	ug/L	50.0		72.1	54-158			
n-Nitrosodimethylamine	26.0	10.0	ug/L	50.0		52.1	10-85			
n-Nitrosodi-n-propylamine	34.2	10.0	ug/L	50.0		68.4	14-198			
n-Nitrosodiphenylamine	30.2	10.0	ug/L	50.0		60.5	12-97			
p-Chloro-m-cresol	38.4	10.0	ug/L	50.0		76.7	10-142			
Pentachloronitrobenzene (quintozene)	ND	10.0	ug/L				0-200			
Pentachlorophenol	36.1	20.0	ug/L	50.0		72.3	38-152			
Phenanthrene	32.0	10.0	ug/L	50.0		64.0	65-120			L
Phenol	14.6	10.0	ug/L	50.5		28.9	17-120			
Pyrene	30.2	10.0	ug/L	50.0		60.4	70-120			L
Pyridine	27.0	10.0	ug/L	50.0		54.0	10-75			
Surr: 2,4,6-Tribromophenol (Surr)	90.9		ug/L	100		90.9	5-136			
Surr: 2-Fluorobiphenyl (Surr)	32.6		ug/L	50.0		65.3	9-117			
Surr: 2-Fluorophenol (Surr)	43.6		ug/L	100		43.6	5-60			
Surr: Nitrobenzene-d5 (Surr)	38.2		ug/L	50.0		76.3	5-151			
Surr: Phenol-d5 (Surr)	28.6		ug/L	100		28.6	5-60			
Surr: p-Terphenyl-d14 (Surr)	32.6		ug/L	50.0		65.1	5-141			

Certificate of Analysis

Client Name: SCS Engineers - Winchester
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Work Order: 26B0175

Ion Chromatography Analyses - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0318 - No Prep IC

Blank (BJB0318-BLK1)

Prepared & Analyzed: 02/05/2026

Acetic Acid	ND	0.5	mg/L							
Butyric Acid	ND	0.5	mg/L							
Lactic Acid	ND	0.5	mg/L							
Propionic Acid	ND	0.5	mg/L							
Pyruvic Acid	ND	0.5	mg/L							

LCS (BJB0318-BS1)

Prepared & Analyzed: 02/05/2026

Acetic Acid	4.6		mg/L	5.00		92.3	70-130			
Butyric Acid	4.4		mg/L	5.00		89.0	70-130			
Formic Acid	4.5		mg/L	4.98		90.9	70-130			
n-Hexanoic Acid	4.3		mg/L	5.00		85.2	70-130			
i-Hexanoic Acid	4.6		mg/L	5.00		91.0	70-130			
Lactic Acid	4.8		mg/L	5.00		96.1	70-130			
n-Pentanoic Acid	4.1		mg/L	5.00		83.0	70-130			
i-Pentanoic Acid	4.5		mg/L	5.00		89.6	70-130			
Propionic Acid	4.6		mg/L	5.00		92.6	70-130			
Pyruvic Acid	4.6		mg/L	5.00		91.9	70-130			

Matrix Spike (BJB0318-MS1)

Source: 26B0175-02

Prepared & Analyzed: 02/05/2026

Acetic Acid	8380	500	mg/L	5000	4990	67.9	70-130			M
Butyric Acid	5450	500	mg/L	5000	1350	82.1	70-130			
Formic Acid	6430	500	mg/L	5000	2240	84.0	70-130			
n-Hexanoic Acid	5010	500	mg/L	5000	402	92.1	70-130			
i-Hexanoic Acid	4380	500	mg/L	5000	BLOD	87.6	70-130			
Lactic Acid	5050	500	mg/L	5000	677	87.6	70-130			
n-Pentanoic Acid	4830	500	mg/L	5000	186	92.9	70-130			

Certificate of Analysis

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Ion Chromatography Analyses - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch BJB0318 - No Prep IC

Matrix Spike (BJB0318-MS1) **Source: 26B0175-02** Prepared & Analyzed: 02/05/2026

i-Pentanoic Acid	4550	500	mg/L	5000	252	86.0	70-130			
Propionic Acid	6310	500	mg/L	5000	2260	80.9	70-130			
Pyruvic Acid	4230	500	mg/L	5000	111	82.4	70-130			

Matrix Spike Dup (BJB0318-MSD1) **Source: 26B0175-02** Prepared & Analyzed: 02/05/2026

Acetic Acid	8590	500	mg/L	5000	4990	72.0	70-130	2.46	20	
Butyric Acid	5900	500	mg/L	5000	1350	91.0	70-130	7.86	20	
Formic Acid	6630	500	mg/L	5000	2240	87.8	70-130	2.95	20	
n-Hexanoic Acid	5070	500	mg/L	5000	402	93.3	70-130	1.14	20	
i-Hexanoic Acid	4540	500	mg/L	5000	BLOD	90.7	70-130	3.51	20	
Lactic Acid	5260	500	mg/L	5000	677	91.8	70-130	4.08	20	
n-Pentanoic Acid	5010	500	mg/L	5000	186	96.5	70-130	3.69	20	
i-Pentanoic Acid	4830	500	mg/L	5000	252	91.5	70-130	5.82	20	
Propionic Acid	6610	500	mg/L	5000	2260	86.9	70-130	4.64	20	
Pyruvic Acid	4470	500	mg/L	5000	111	87.2	70-130	5.46	20	

Certificate of Analysis

Client Name: SCS Engineers - Winchester
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Work Order: 26B0175

Wet Chemistry Analysis - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0184 - No Prep Wet Chem										
Blank (BJB0184-BLK1)				Prepared & Analyzed: 02/04/2026						
Nitrite as N	ND	0.05	mg/L							
LCS (BJB0184-BS1)				Prepared & Analyzed: 02/04/2026						
Nitrite as N	0.10	0.05	mg/L	0.100		97.0	80-120			
Matrix Spike (BJB0184-MS1)				Source: 26B0131-01 Prepared & Analyzed: 02/04/2026						
Nitrite as N	0.64	0.10	mg/L	0.500	0.18	90.0	80-120			
Matrix Spike Dup (BJB0184-MSD1)				Source: 26B0131-01 Prepared & Analyzed: 02/04/2026						
Nitrite as N	0.66	0.10	mg/L	0.500	0.18	95.0	80-120	3.86	20	
Batch BJB0234 - No Prep Wet Chem										
Blank (BJB0234-BLK1)				Prepared & Analyzed: 02/05/2026						
BOD	ND	2.0	mg/L							
LCS (BJB0234-BS1)				Prepared & Analyzed: 02/05/2026						
BOD	196		mg/L	198		98.9	84.6-115.4			
Duplicate (BJB0234-DUP1)				Source: 26B0195-01 Prepared & Analyzed: 02/05/2026						
BOD	6.2	2.0	mg/L		6.1			1.14	20	
Batch BJB0332 - No Prep Wet Chem										
Blank (BJB0332-BLK1)				Prepared & Analyzed: 02/06/2026						
Total Recoverable Phenolics	ND	0.050	mg/L							

Certificate of Analysis

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Work Order: 26B0175

Wet Chemistry Analysis - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0332 - No Prep Wet Chem										
LCS (BJB0332-BS1)				Prepared & Analyzed: 02/06/2026						
Total Recoverable Phenolics	0.46	0.050	mg/L	0.500		92.8	80-120			
Matrix Spike (BJB0332-MS1)				Source: 26A1803-14 Prepared & Analyzed: 02/06/2026						
Total Recoverable Phenolics	6.42	0.500	mg/L	5.00	1.42	100	70-130			
Matrix Spike Dup (BJB0332-MSD1)				Source: 26A1803-14 Prepared & Analyzed: 02/06/2026						
Total Recoverable Phenolics	6.64	0.500	mg/L	5.00	1.42	104	70-130	3.37	20	
Batch BJB0637 - No Prep Wet Chem										
Blank (BJB0637-BLK1)				Prepared: 02/13/2026 Analyzed: 02/17/2026						
TKN as N	ND	0.50	mg/L							
LCS (BJB0637-BS1)				Prepared: 02/13/2026 Analyzed: 02/17/2026						
TKN as N	5.23		mg/L	5.00		105	90-110			
Matrix Spike (BJB0637-MS1)				Source: 26B0269-01 Prepared: 02/13/2026 Analyzed: 02/17/2026						
TKN as N	7.15	0.50	mg/L	5.00	2.08	101	90-110			
Matrix Spike (BJB0637-MS2)				Source: 26B0269-02 Prepared: 02/13/2026 Analyzed: 02/17/2026						
TKN as N	7.51	0.50	mg/L	5.00	1.72	116	90-110			M
Matrix Spike Dup (BJB0637-MSD1)				Source: 26B0269-01 Prepared: 02/13/2026 Analyzed: 02/17/2026						
TKN as N	7.94	0.50	mg/L	5.00	2.08	117	90-110	10.5	20	M
Matrix Spike Dup (BJB0637-MSD2)				Source: 26B0269-02 Prepared: 02/13/2026 Analyzed: 02/17/2026						
TKN as N	7.64	0.50	mg/L	5.00	1.72	118	90-110	1.80	20	M

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Wet Chemistry Analysis - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0718 - No Prep Wet Chem										
Blank (BJB0718-BLK1)				Prepared & Analyzed: 02/17/2026						
COD	ND	10.0	mg/L							
LCS (BJB0718-BS1)				Prepared & Analyzed: 02/17/2026						
COD	51.0	10.0	mg/L	50.0		102	88-119			
Matrix Spike (BJB0718-MS1)				Source: 26B0173-08		Prepared & Analyzed: 02/17/2026				
COD	59.5	10.0	mg/L	50.0	BLOD	119	72.4-130			
Matrix Spike Dup (BJB0718-MSD1)				Source: 26B0173-08		Prepared & Analyzed: 02/17/2026				
COD	56.1	10.0	mg/L	50.0	BLOD	112	72.4-130	5.85	20	
Batch BJB0730 - No Prep Wet Chem										
Blank (BJB0730-BLK1)				Prepared & Analyzed: 02/17/2026						
Ammonia as N	ND	0.10	mg/L							
LCS (BJB0730-BS1)				Prepared & Analyzed: 02/17/2026						
Ammonia as N	1.05		mg/L	1.00		105	90-110			
Matrix Spike (BJB0730-MS1)				Source: 26B0173-01		Prepared & Analyzed: 02/17/2026				
Ammonia as N	0.98	0.10	mg/L	1.00	BLOD	97.7	90-110			
Matrix Spike (BJB0730-MS2)				Source: 26B0173-02		Prepared & Analyzed: 02/17/2026				
Ammonia as N	1.00	0.10	mg/L	1.00	BLOD	99.7	90-110			
Matrix Spike Dup (BJB0730-MSD1)				Source: 26B0173-01		Prepared & Analyzed: 02/17/2026				
Ammonia as N	0.97	0.10	mg/L	1.00	BLOD	97.4	90-110	0.308	20	

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Client Name: SCS Engineers - Winchester
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 Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Wet Chemistry Analysis - Quality Control

Enthalpy Analytical

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch BJB0730 - No Prep Wet Chem										
Matrix Spike Dup (BJB0730-MSD2)		Source: 26B0173-02		Prepared & Analyzed: 02/17/2026						
Ammonia as N	0.98	0.10	mg/L	1.00	BLOD	98.1	90-110	1.62	20	
Batch BJB0820 - No Prep Wet Chem										
Blank (BJB0820-BLK1)		Prepared & Analyzed: 02/18/2026								
Nitrate+Nitrite as N	ND	0.10	mg/L							
LCS (BJB0820-BS1)		Prepared & Analyzed: 02/18/2026								
Nitrate+Nitrite as N	1.06		mg/L	1.00		106	90-110			
Matrix Spike (BJB0820-MS1)		Source: 26B0173-01		Prepared & Analyzed: 02/18/2026						
Nitrate+Nitrite as N	74.3	1.00	mg/L	50.0	28.6	91.4	90-120			
Matrix Spike Dup (BJB0820-MSD1)		Source: 26B0173-01		Prepared & Analyzed: 02/18/2026						
Nitrate+Nitrite as N	75.2	1.00	mg/L	50.0	28.6	93.2	90-120	1.20	20	

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Client Site I.D.: Bristol LFG-EW Monthly
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Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Analytical Summary

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Ion Chromatography Analyses			Preparation Method:	No Prep IC	
26B0175-01	1.00 mL / 1.00 mL	D3705	BJB0318	SJB0293	AB60152
26B0175-02	1.00 mL / 1.00 mL	D3705	BJB0318	SJB0293	AB60152
26B0175-02RE1	1.00 mL / 1.00 mL	D3705	BJB0318	SJB0293	AB60152
Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Wet Chemistry Analysis			Preparation Method:	No Prep Wet Chem	
26B0175-01	2.50 mL / 25.0 mL	SM4500-NO2B-2021	BJB0184	SJB0173	AJ50388
26B0175-02	2.50 mL / 25.0 mL	SM4500-NO2B-2021	BJB0184	SJB0173	AJ50388
26B0175-01	300 mL / 300 mL	SM5210B-2016	BJB0234	SJB0421	
26B0175-02	300 mL / 300 mL	SM5210B-2016	BJB0234	SJB0421	
26B0175-01	0.500 mL / 10.0 mL	SW9065	BJB0332	SJB0304	AB60201
26B0175-02	5.00 mL / 10.0 mL	SW9065	BJB0332	SJB0304	AB60201
26B0175-01	0.100 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
26B0175-02	0.100 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
26B0175-02RE1	0.100 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
26B0175-01	2.00 mL / 2.00 mL	SM5220D-2011	BJB0718	SJB0653	AL50333
26B0175-02	2.00 mL / 2.00 mL	SM5220D-2011	BJB0718	SJB0653	AL50333
26B0175-01	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
26B0175-02	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
26B0175-01	5.00 mL / 5.00 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282
26B0175-02	5.00 mL / 5.00 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282
26B0175-02RE1	5.00 mL / 5.00 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			Preparation Method: SW3005A-ICP		
26B0175-01	50.0 mL / 50.0 mL	SW6010D	BJB0249	SJB0265	AB60195
26B0175-02	50.0 mL / 50.0 mL	SW6010D	BJB0249	SJB0265	AB60195
Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			Preparation Method: SW3005A-ICPMS		
26B0175-01	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191
26B0175-01RE1	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191
26B0175-02	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191
26B0175-02RE1	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191
Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Semivolatile Organic Compounds by GCMS			Preparation Method: SW3510C/EPA600-MS		
26B0175-01	500 mL / 0.500 mL	SW8270E	BJB0157	SJB0425	AL50392
26B0175-02	500 mL / 2.00 mL	SW8270E	BJB0157	SJB0337	AL50392
Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Volatile Organic Compounds by GCMS			Preparation Method: SW5030B-MS		
26B0175-03	5.00 mL / 5.00 mL	SW8260D	BJB0261	SJB0252	AA60185
26B0175-01	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331
26B0175-02	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331
26B0175-02RE1	5.00 mL / 5.00 mL	SW8260D	BJB0579	SJB0539	AB60202
26B0175-01RE1	5.00 mL / 5.00 mL	SW8260D	BJB0644	SJB0579	AB60202

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Client Name: SCS Engineers - Winchester

Date Issued: 2/19/2026 5:18:02PM

Client Site I.D.: Bristol LFG-EW Monthly

Submitted To: Jennifer Robb

Work Order: 26B0175

QC Analytical Summary

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Ion Chromatography Analyses			Preparation Method:	No Prep IC	
BJB0318-BLK1	1.00 mL / 1.00 mL	D3705	BJB0318	SJB0293	AB60152
BJB0318-BS1	1.00 mL / 1.00 mL	D3705	BJB0318	SJB0293	AB60152
BJB0318-MS1	0.00500 mL / 5.00 mL	D3705	BJB0318	SJB0293	AB60152
BJB0318-MSD1	0.00500 mL / 5.00 mL	D3705	BJB0318	SJB0293	AB60152

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Wet Chemistry Analysis			Preparation Method:	No Prep Wet Chem	
BJB0184-BLK1	25.0 mL / 25.0 mL	SM4500-NO2B-2021	BJB0184	SJB0173	AJ50388
BJB0184-BS1	25.0 mL / 25.0 mL	SM4500-NO2B-2021	BJB0184	SJB0173	AJ50388
BJB0184-BSD1		SM4500-NO2B-2021	BJB0184		
BJB0184-MRL1	25.0 mL / 25.0 mL	SM4500-NO2B-2021	BJB0184	SJB0173	AJ50388
BJB0184-MS1	5.00 mL / 25.0 mL	SM4500-NO2B-2021	BJB0184	SJB0173	AJ50388
BJB0184-MSD1	5.00 mL / 25.0 mL	SM4500-NO2B-2021	BJB0184	SJB0173	AJ50388
BJB0234-BLK1	300 mL / 300 mL	SM5210B-2016	BJB0234	SJB0421	
BJB0234-BS1	300 mL / 300 mL	SM5210B-2016	BJB0234	SJB0421	
BJB0234-DUP1	300 mL / 300 mL	SM5210B-2016	BJB0234	SJB0421	
BJB0332-BLK1	5.00 mL / 10.0 mL	SW9065	BJB0332	SJB0304	AB60201
BJB0332-BS1	5.00 mL / 10.0 mL	SW9065	BJB0332	SJB0304	AB60201
BJB0332-MRL1	5.00 mL / 10.0 mL	SW9065	BJB0332	SJB0304	AB60201
BJB0332-MS1	0.500 mL / 10.0 mL	SW9065	BJB0332	SJB0304	AB60201
BJB0332-MSD1	0.500 mL / 10.0 mL	SW9065	BJB0332	SJB0304	AB60201
BJB0637-BLK1	25.0 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
BJB0637-BS1	25.0 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
BJB0637-MRL1	25.0 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
BJB0637-MS1	25.0 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263

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Client Name: SCS Engineers - Winchester
 Client Site I.D.: Bristol LFG-EW Monthly
 Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Wet Chemistry Analysis			Preparation Method:	No Prep Wet Chem	
BJB0637-MS2	25.0 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
BJB0637-MSD1	25.0 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
BJB0637-MSD2	25.0 mL / 25.0 mL	EPA351.2 R2.0	BJB0637	SJB0626	AB60263
BJB0718-BLK1	2.00 mL / 2.00 mL	SM5220D-2011	BJB0718	SJB0653	AL50333
BJB0718-BS1	2.00 mL / 2.00 mL	SM5220D-2011	BJB0718	SJB0653	AL50333
BJB0718-MRL1	2.00 mL / 2.00 mL	SM5220D-2011	BJB0718	SJB0653	AL50333
BJB0718-MS1	2.00 mL / 2.00 mL	SM5220D-2011	BJB0718	SJB0653	AL50333
BJB0718-MSD1	2.00 mL / 2.00 mL	SM5220D-2011	BJB0718	SJB0653	AL50333
BJB0730-BLK1	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
BJB0730-BS1	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
BJB0730-MRL1	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
BJB0730-MS1	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
BJB0730-MS2	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
BJB0730-MSD1	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
BJB0730-MSD2	6.00 mL / 6.00 mL	EPA350.1 R2.0	BJB0730	SJB0664	AB60270
BJB0820-BLK1	5.00 mL / 5.00 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282
BJB0820-BS1	5.00 mL / 5.00 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282
BJB0820-MRL1	5.00 mL / 5.00 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282
BJB0820-MS1	0.200 mL / 10.0 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282
BJB0820-MSD1	0.200 mL / 10.0 mL	SM4500-NO3F-2019	BJB0820	SJB0729	AB60282

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			Preparation Method:	SW3005A-ICP	
BJB0249-BLK1	50.0 mL / 50.0 mL	SW6010D	BJB0249	SJB0265	AB60195
BJB0249-BS1	50.0 mL / 50.0 mL	SW6010D	BJB0249	SJB0265	AB60195
BJB0249-MS1	50.0 mL / 50.0 mL	SW6010D	BJB0249	SJB0265	AB60195
BJB0249-MS2	50.0 mL / 50.0 mL	SW6010D	BJB0249	SJB0265	AB60195
BJB0249-MSD1	50.0 mL / 50.0 mL	SW6010D	BJB0249	SJB0265	AB60195

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			Preparation Method:		SW3005A-ICP
BJB0249-MSD2		SW6010D	BJB0249	SJB0265	AB60195

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Metals (Total) by EPA 6000/7000 Series Methods			Preparation Method:		SW3005A-ICPMS
BJB0250-BLK1	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191
BJB0250-BS1	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191
BJB0250-MS1	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191
BJB0250-MSD1	50.0 mL / 50.0 mL	SW6020B	BJB0250	SJB0261	AB60191

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Semivolatile Organic Compounds by GCMS			Preparation Method:		SW3510C/EPA600-MS
BJB0157-BLK1	1000 mL / 1.00 mL	SW8270E	BJB0157	SJB0242	AL50268
BJB0157-BS1	1000 mL / 1.00 mL	SW8270E	BJB0157	SJB0242	AL50268

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Volatile Organic Compounds by GCMS			Preparation Method:		SW5030B-MS
BJB0261-BLK1	5.00 mL / 5.00 mL	SW8260D	BJB0261	SJB0252	AA60185
BJB0261-BS1	5.00 mL / 5.00 mL	SW8260D	BJB0261	SJB0252	AA60185
BJB0261-DUP1	5.00 mL / 5.00 mL	SW8260D	BJB0261	SJB0252	AA60185
BJB0261-MS1	5.00 mL / 5.00 mL	SW8260D	BJB0261	SJB0252	AA60185
BJB0528-BLK1	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331
BJB0528-BLK2	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331
BJB0528-BS1	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331
BJB0528-BS2	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331
BJB0528-MS1	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331
BJB0528-MSD1	5.00 mL / 5.00 mL	SW8260D	BJB0528	SJB0496	AL50331

Certificate of Analysis

Client Name: SCS Engineers - Winchester
 Client Site I.D.: Bristol LFG-EW Monthly
 Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Sample ID	Preparation Factors Initial / Final	Method	Batch ID	Sequence ID	Calibration ID
Volatile Organic Compounds by GCMS			Preparation Method:	SW5030B-MS	
BJB0579-BLK1	5.00 mL / 5.00 mL	SW8260D	BJB0579	SJB0539	AB60202
BJB0579-BS1	5.00 mL / 5.00 mL	SW8260D	BJB0579	SJB0539	AB60202
BJB0579-DUP1	5.00 mL / 5.00 mL	SW8260D	BJB0579	SJB0539	AB60202
BJB0579-MS1	5.00 mL / 5.00 mL	SW8260D	BJB0579	SJB0539	AB60202
BJB0644-BLK1	5.00 mL / 5.00 mL	SW8260D	BJB0644	SJB0579	AB60202
BJB0644-BS1	5.00 mL / 5.00 mL	SW8260D	BJB0644	SJB0579	AB60202
BJB0644-DUP1	5.00 mL / 5.00 mL	SW8260D	BJB0644	SJB0579	AB60202
BJB0644-MS1	5.00 mL / 5.00 mL	SW8260D	BJB0644	SJB0579	AB60202

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA350.1 R2.0 in Non-Potable Water</i>	
Ammonia as N	VELAP,NCDEQ,PADEP,WVDEP,SCDES,TXCEQ
<i>EPA351.2 R2.0 in Non-Potable Water</i>	
TKN as N	VELAP,NCDEQ,WVDEP,SCDES,PADEP
<i>SM4500-NO2B-2021 in Non-Potable Water</i>	
Nitrite as N	VELAP,WVDEP,NCDEQ,SCDES,PADEP
<i>SM4500-NO3F-2019 in Non-Potable Water</i>	
Nitrate+Nitrite as N	VELAP,WVDEP,NCDEQ,SCDES,PADEP
<i>SM5210B-2016 in Non-Potable Water</i>	
BOD	VELAP,NCDEQ,WVDEP,PADEP
<i>SM5220D-2011 in Non-Potable Water</i>	
COD	VELAP,NCDEQ,PADEP,WVDEP,SCDES,TXCEQ
<i>SW6010D in Non-Potable Water</i>	
Arsenic	VELAP,WVDEP,NCDEQ,SCDES,PADEP
Barium	VELAP,WVDEP,PADEP,NCDEQ,SCDES
Cadmium	VELAP,WVDEP,PADEP,NCDEQ,SCDES
Chromium	VELAP,WVDEP,NCDEQ,SCDES,TXCEQ,PADEP
Copper	VELAP,WVDEP,NCDEQ,SCDES,PADEP
Lead	VELAP,WVDEP,SCDES,NCDEQ,PADEP
Nickel	VELAP,WVDEP,SCDES,NCDEQ,PADEP
Selenium	VELAP,WVDEP,SCDES,NCDEQ,PADEP
Silver	VELAP,WVDEP,PADEP,SCDES,NCDEQ
Zinc	VELAP,WVDEP,SCDES,NCDEQ,PADEP
<i>SW6020B in Non-Potable Water</i>	
Mercury	VELAP,NCDEQ,PADEP,WVDEP

Certificate of Analysis

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Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Certified Analyses included in this Report

Analyte	Certifications
<i>SW8260D in Non-Potable Water</i>	
2-Butanone (MEK)	NCDEQ,PADEP,VELAP,WVDEP,TXCEQ
Acetone	NCDEQ,PADEP,VELAP,WVDEP,TXCEQ
Benzene	NCDEQ,PADEP,VELAP,WVDEP,TXCEQ
Ethylbenzene	NCDEQ,PADEP,VELAP,WVDEP,TXCEQ
Toluene	NCDEQ,PADEP,VELAP,WVDEP,TXCEQ
Xylenes, Total	NCDEQ,PADEP,VELAP,WVDEP,TXCEQ
Tetrahydrofuran	VELAP
<i>SW8270E in Non-Potable Water</i>	
Anthracene	NCDEQ,VELAP,PADEP,WVDEP,TXCEQ
<i>SW9065 in Non-Potable Water</i>	
Total Recoverable Phenolics	VELAP,WVDEP,PADEP

Certificate of Analysis

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Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Code	Description	Laboratory ID	Expires
DURSC-NCDEQ	NCDEQ Durham Service Center	703	12/31/2026
DURSC-NCDHHS	NCDHHS Durham Service Center	37918	07/31/2026
MdDOE	Maryland DE Drinking Water	341	12/31/2026
NCDEQ	North Carolina DEQ	495	12/31/2026
NCDHHS	North Carolina Department of Health and Human Services	51714	07/31/2026
PADEP	NELAP-Pennsylvania Certificate #011	68-03503	10/31/2026
SCDES	South Carolina Dept of Environmental Services Certificate 93016001	93016	06/14/2026
TXCEQ	Texas Comm on Environmental Quality #TX-C25-00143	T104704576	05/31/2026
VELAP	NELAP-Virginia Certificate #13761	460021	06/14/2026
WVDEP	West Virginia DEP Cert ID: WV-C25-00166	350	11/30/2026

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Qualifiers and Definitions

DS	Surrogate concentration reflects a dilution factor.
E	Estimated concentration, outside calibration range
J	The reported result is an estimated value.
L	LCS recovery is outside of established acceptance limits
M	Matrix spike recovery is outside established acceptance limits
pH	The container used to analyze this sample had a pH measurement of greater than 2 s.u.
RPD	Relative Percent Difference
Qual	Qualifiers
-RE	Denotes sample was re-analyzed
LOD	Limit of Detection, same as Method Detection Limit (MDL) as defined by 40 CFR 136 Appendix B
BLOD	Below Limit of Detection, same as Below Method Detection Limit (MDL) as defined by 40 CFR 136 Appendix B
LOQ	Limit of Quantitation
DF	Dilution Factor
DL	Detection Limit, same as MDL as defined by 40 CFR 136 Appendix B
TIC	Tentatively Identified Compounds are compounds that are identified by comparing the analyte mass spectral pattern with the NIST spectral library. A TIC spectral match is reported when the pattern is at least 75% consistent with the published pattern. Compound concentrations are estimated and are calculated using an internal standard response factor of 1.
PCBs, Total	Total PCBs are defined as the sum of detected Aroclors 1016, 1221, 1232, 1248, 1254, 1260, 1262, and 1268.

CHAIN OF CUSTODY

PAGE 1 OF 1

COMPANY NAME: SCS Engineers			INVOICE TO: SCS Reston			Project Name: Bristol LFG - EW Monthly																																																																																																																																																																																																																																							
CONTACT: Jennifer Robb			INVOICE CONTACT: Jennifer Robb			Site Name:																																																																																																																																																																																																																																							
ADDRESS: 296 Victory Road, Winchester, VA 22602			INVOICE ADDRESS:			PROJECT NUMBER:																																																																																																																																																																																																																																							
PHONE #: (703) 471-6150			INVOICE PHONE #:			P.O. #:																																																																																																																																																																																																																																							
FAX #: (703) 471-6676			EMAIL: jrobb@scsengineers.com			Pretreatment Program:																																																																																																																																																																																																																																							
Is sample for compliance reporting? YES <u>Va</u>			Is sample from a chlorinated supply? YES <u>NO</u>			PWS I.D. #:																																																																																																																																																																																																																																							
SAMPLER NAME (PRINT): <u>Logan Nelson / Will Fabrie</u>			SAMPLER SIGNATURE: <u>Logan Nelson / Will Fabrie</u>			Turn Around Time: 10 Day(s)																																																																																																																																																																																																																																							
Matrix Codes: WW=Waste Water GW=Ground Water DW=Drinking Water S=Soil/Solids OR=Organic A=Air WP=Wipe OT=Other								COMMENTS																																																																																																																																																																																																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">CLIENT SAMPLE I.D.</th> <th rowspan="2">Grab</th> <th rowspan="2">Composite</th> <th rowspan="2">Field Filtered (Dissolved Metals)</th> <th rowspan="2">Composite Start Date</th> <th rowspan="2">Composite Start Time</th> <th rowspan="2">Grab Date or Composite Stop Date</th> <th rowspan="2">Grab Time or Composite Stop Time</th> <th rowspan="2">Time Preserved</th> <th rowspan="2">Matrix (See Codes)</th> <th rowspan="2">Number of Containers</th> <th colspan="10">ANALYSIS / (PRESERVATIVE)</th> </tr> <tr> <th>VOCs (Acetone, Benzene, EB, MEK, THF, Toluene, Xylene) Custom list</th> <th>VFAs</th> <th>Phenolics</th> <th>Metals 6010 (Ag, As, Ba, Cd, Cr, Cu, Ni, Pb, Se, Zn) / Hg 6020</th> <th>TKN, Nitrate (Cd), Nitrite,</th> <th>COD, Ammonia</th> <th>SVOC (Anthracene only)</th> <th>BOD</th> </tr> </thead> <tbody> <tr> <td>1) <u>EW-50</u></td> <td><u>X</u></td> <td></td> <td></td> <td></td> <td></td> <td><u>2/3/26</u></td> <td><u>1215</u></td> <td></td> <td><u>WW</u></td> <td><u>11</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td></td> <td rowspan="10"> Nitrite and BOD has 48hr hold PLEASE NOTE PRESERVATIVE(S), INTERFERENCE CHECKS or PUMP RATE (L/min) </td> </tr> <tr> <td>2) <u>EW-61</u></td> <td><u>X</u></td> <td></td> <td></td> <td></td> <td></td> <td><u>2/3/26</u></td> <td><u>1110</u></td> <td></td> <td><u>WW</u></td> <td><u>11</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td><u>X</u></td> <td></td> </tr> <tr><td>3)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>10) <u>Trip Blank</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>1/13/26</u></td> <td><u>0945</u></td> <td></td> <td><u>DI</u></td> <td><u>2</u></td> <td><u>X</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									CLIENT SAMPLE I.D.	Grab	Composite	Field Filtered (Dissolved Metals)	Composite Start Date	Composite Start Time	Grab Date or Composite Stop Date	Grab Time or Composite Stop Time	Time Preserved	Matrix (See Codes)	Number of Containers	ANALYSIS / (PRESERVATIVE)										VOCs (Acetone, Benzene, EB, MEK, THF, Toluene, Xylene) Custom list	VFAs	Phenolics	Metals 6010 (Ag, As, Ba, Cd, Cr, Cu, Ni, Pb, Se, Zn) / Hg 6020	TKN, Nitrate (Cd), Nitrite,	COD, Ammonia	SVOC (Anthracene only)	BOD	1) <u>EW-50</u>	<u>X</u>					<u>2/3/26</u>	<u>1215</u>		<u>WW</u>	<u>11</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		Nitrite and BOD has 48hr hold PLEASE NOTE PRESERVATIVE(S), INTERFERENCE CHECKS or PUMP RATE (L/min)	2) <u>EW-61</u>	<u>X</u>					<u>2/3/26</u>	<u>1110</u>		<u>WW</u>	<u>11</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		3)																				4)																				5)																				6)																				7)																				8)																				9)																				10) <u>Trip Blank</u>						<u>1/13/26</u>	<u>0945</u>		<u>DI</u>	<u>2</u>	<u>X</u>							
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RELINQUISHED: <u>Logan Nelson</u> DATE / TIME: <u>2/3/26/1630</u>			RECEIVED: <u>LCN</u> DATE / TIME: <u>2/4/26 0800</u>			QC Data Package			LAB USE ONLY			COOLER TEMP _____ °C																																																																																																																																																																																																																																	
RELINQUISHED: <u>LCN</u> DATE / TIME: _____			RECEIVED: _____ DATE / TIME: _____			Level I ☐			SCS-W			26B0175																																																																																																																																																																																																																																	
RELINQUISHED: _____ DATE / TIME: _____			RECEIVED: _____ DATE / TIME: _____			Level II ☒			Bristol LFG-EW Monthly Monitor																																																																																																																																																																																																																																				
RELINQUISHED: _____ DATE / TIME: _____			RECEIVED: _____ DATE / TIME: _____			Level III ☐			Recd: 02/04/2026 Due: 02/19/2026																																																																																																																																																																																																																																				
RELINQUISHED: _____ DATE / TIME: _____			RECEIVED: _____ DATE / TIME: _____			Level IV ☐						Page 73 of 77																																																																																																																																																																																																																																	

Order ID 2630175

Analyst Performing Check: HBF

NaOH ID: _____	HNO ₃ ID: <u>6302474</u>	CrVI preserved date/time: _____	Analyst Initials: _____
H ₂ SO ₄ ID: <u>5L02808</u>	Na ₂ S ₂ O ₃ ID: _____	<i>* pH must be adjusted between 9.3 - 9.7</i>	
HCL ID: _____	Na ₂ SO ₃ ID: _____	Ammonia Buffer Sol'n ID: _____	
		5N NaOH ID: _____	

F1301 Sample Preservation Log 15 0

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Certificate of Analysis

Client Name: SCS Engineers - Winchester
Client Site I.D.: Bristol LFG-EW Monthly
Submitted To: Jennifer Robb

Date Issued: 2/19/2026 5:18:02PM

Work Order: 26B0175

Laboratory Order ID: 26B0175

Sample Conditions Checklist

Samples Received at:	0.00°C
How were samples received?	Logistics Courier
Were Custody Seals used?	Yes
Are the custody papers filled out completely and correctly?	Yes
Do all bottle labels agree with custody papers?	Yes
Is the temperature blank or representative sample within acceptable limits or received on ice, and recently taken?	Yes
Are all samples within holding time for requested laboratory tests?	Yes
Is a sufficient amount of sample provided to perform the tests included?	Yes
Are all samples in appropriate containers for the analyses requested?	Yes
Were volatile organic containers received?	Yes
Are all volatile organic and TOX containers free of headspace?	No
Is a trip blank provided for each VOC sample set? VOC sample sets include EPA8011, EPA504, EPA8260, EPA624, EPA8015 GRO, EPA8021, EPA524, and RSK-175.	Yes
Are all samples received appropriately preserved? Metals (except Hg, B) do not require field preservation, but lab preservation may delay analysis. Field parameters performed by the lab are always received past holding time and will be noted as such.	No

Work Order Comments

The VOAC40mLHCl containers were all received with headspace.
Confirmation requested via email sent to Jennifer Robb. 02/04/26 1254 DLJ

Jennifer Robb, via email, confirmed analysis. 02/04/26 1304 DLJ

Certificate of Analysis

Client Name: SCS Engineers - Winchester

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P500mLHNO3 containers for metals, with a pH of 7. They were adjusted to bring them to the required pH of <2. This is a deviation for Mercury.

P250mLH2SO4 containers for Ammonia, TKN, Nitrate-Nitrite, and COD with a pH of 7. They were adjusted in the lab to bring them to the required pH of <2.

GA250mLH2SO4 containers for Phenolics, with a pH of 7. They were adjusted in the lab to bring them to the required pH of <2.

Jennifer Robb notified via email. 02/04/26 1653 DLJ

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Ammonia as N (mg/L)	November-2022	---	---	---	---	---	---	---	---	1560	---	1400	---	---	1380	---	---	---	---	---	---	---	---	---	---	---	50	50	
	December-2022	---	1700	---	2280	---	---	---	2110	---	1410	1310	---	---	---	1150	1780	---	---	---	---	---	---	---	---	---	100	100	
	January-2023	---	1520	---	---	---	---	---	---	936	---	---	---	---	---	1330	---	---	---	---	---	---	---	---	---	---	50	50	
	February-2023	---	---	---	---	---	---	---	---	---	2440	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	100	
	March-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	100	
	April-2023	---	---	---	---	---	---	---	---	667	1480	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	73.1	100	
	May-2023	---	1390	---	---	---	---	---	---	1410	---	1220	---	---	---	---	---	---	---	---	---	---	---	---	---	---	73.1	100	
	June-2023	---	---	---	---	---	---	---	---	1860	2380	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	146	200	
	July-2023	---	---	---	---	---	---	---	---	---	2740	---	2370	---	2170	---	---	---	---	---	---	---	---	---	---	---	146	200	
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1180	---	---	---	---	---	---	---	73.1	100	
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	January-2024	---	---	---	---	---	---	---	1980	---	---	---	---	---	---	---	---	---	1730	---	---	2890	---	---	---	---	146	200	
	February-2024	---	1260	---	2490	1830	---	2070	---	---	---	---	---	---	---	---	---	---	1800	---	---	2590	---	---	---	---	146	200	
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	1170	---	---	---	---	---	---	---	---	---	2080	---	---	183	250	
	April-2024	---	---	---	---	---	---	---	---	---	2440	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	366	500	
	May-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1540	---	---	---	---	---	---	---	73.1	100	
	June-2024	---	---	---	2900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	146	200	
	July-2024	---	---	2160	---	---	---	---	---	---	2400	---	---	---	---	---	---	---	2200	---	---	---	---	---	---	---	---	146	200
	August-2024	---	---	1900	---	2600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1780	---	2380	---	---	1610	146	200	
	September-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	146	200	
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	December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	146	200	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01	
	February-2025	---	1300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.68	1400	---	---	---	---	---	73.1	100
	March-2025	---	---	---	---	---	---	---	---	---	---	---	1160	---	---	---	---	---	---	---	---	---	---	---	---	---	---	199	199
	April-2025	---	1240	---	---	---	---	---	---	---	---	1480	---	---	---	---	---	2110	---	---	---	---	---	---	---	---	---	146	200
May-2025	---	---	---	---	---	---	---	---	---	---	2440	---	---	---	---	---	2580	---	---	---	---	---	---	---	---	---	146	200	
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	146	200	
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120	200	
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120	200	
September-2025	---	1190	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60	100	
October-2025	---	1200	---	---	---	---	---	---	---	---	1210	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120	200
November-2025	---	---	---	---	---	---	---	---	---	1910	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	120	200
December-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60	100	
February-2026	---	1350	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60	100

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Biological Oxygen Demand (mg/L)	November-2022	---	---	---	---	---	---	---	---	15700	---	5860	---	---	5140	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
	December-2022	---	6440	---	12500	---	---	---	11400	---	9240	3330	---	---	---	8360	6770	---	---	---	---	---	---	---	---	---	0.2	2	
	January-2023	---	9920	---	---	---	---	---	---	999	28100	---	---	---	---	7060	---	---	---	---	---	---	---	---	---	---	0.2	2	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7230	---	---	---	---	---	---	---	---	---	0.2	2	
	March-2023	---	---	---	---	---	---	---	---	1570	9190	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
	April-2023	---	---	---	---	---	---	---	---	8430	---	2860	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
	May-2023	---	7350	---	---	---	---	---	---	11900	35300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
	June-2023	---	---	---	---	---	---	---	---	---	20000	---	27400	---	23100	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
	July-2023	---	6820	---	---	---	---	---	32900	---	---	---	---	---	---	---	---	---	330	---	---	---	---	---	---	31800	937	0.2	2
	August-2023	---	---	---	---	---	>33045	---	>33225	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	>32805	506	0.2	2
	September-2023	---	---	---	40185.5	---	---	---	---	---	---	---	---	---	---	---	---	---	659	---	---	---	---	---	---	---	---	0.2	2
	October-2023	---	---	---	---	---	---	34600	---	---	---	---	---	---	---	---	---	---	690	---	---	37000	---	---	---	---	---	0.2	2
	November-2023	---	1910	---	30400	27500	---	32015	---	---	29600	---	---	3640	---	---	---	---	480	---	---	32135	---	---	---	21500	0.2	2	
	December-2023	---	---	---	>44105	---	---	---	---	---	---	---	---	---	---	---	---	13700	681	---	---	---	---	---	---	---	---	0.2	2
	January-2024	---	---	26000	---	---	---	---	---	---	17100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14000	0.2	2	
	February-2024	---	---	23200	---	26200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21400	---	34300	---	---	---	---	0.2	2
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40600	---	---	7680	0.2	2	
	April-2024	---	---	---	41142	---	---	---	---	---	---	---	---	1210	---	---	---	19600	386	---	---	---	---	---	---	---	---	0.2	2
	May-2024	---	---	---	---	---	---	---	---	---	25600	---	---	---	---	---	---	---	448	---	22200	33400	---	---	---	7750	0.2	2	
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	421	---	24400	---	---	---	---	16200	0.2	2	
	July-2024	---	---	---	---	---	---	---	---	---	25800	4750	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2
	August-2024	---	---	---	---	---	31000	---	---	---	---	---	---	---	---	---	---	---	---	---	20800	---	---	---	---	33400	---	0.2	2
	September-2024	---	---	---	ND	---	36100	---	---	---	---	---	---	---	---	---	---	27400	---	---	---	---	---	---	---	---	---	0.2	2
	October-2024	180	6680	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36100	---	---	---	---	---	---	0.2	2
	November-2024	4760	7360	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2
	December-2024	---	---	---	42600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20300	0.2	2	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22900	---	---	---	---	---	---	0.2	2
	February-2025	---	4420	---	---	---	---	---	---	---	---	---	43418.4	---	---	---	---	---	---	---	16200	---	---	---	---	---	---	0.2	2
	March-2025	---	3490	---	---	---	---	---	---	---	---	20400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2
	April-2025	---	---	---	---	---	---	---	---	---	---	33900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2
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July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12000	0.2	2		
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38599.6	5650	0.2	2		
September-2025	---	8200	---	---	---	---	---	---	---	---	33700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
October-2025	---	6540	---	---	---	---	---	---	---	---	---	---	---	---	8280	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
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December-2025	---	---	---	---	---	---	---	---	---	---	---	18800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2	
February-2026	---	1250	---	---	---	---	---	---	---	---	---	30900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	2	

Historical LFG-EW Leachate Monitoring Results Summary

[illegible]

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																												
Chemical Oxygen Demand (mg/L) (continued)	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	630	1000	
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	November-2025	---	---	---	---	---	---	---	---	---	44900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3150	5000	
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	February-2026	---	3820	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	630	1000
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Historical LFG-EW Leachate Monitoring Results Summary

[illegible]

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																												
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	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5	2.5	
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	September-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25	1.25	
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December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5	2.5		
January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25	1.25		
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March-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	10		
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July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.51	5		
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.13	0.5	
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October-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Total Kjeldahl Nitrogen (mg/L)	November-2022	---	---	---	---	---	---	---	---	---	---	1290	---	---	1470	---	---	---	---	---	---	---	---	---	---	---	20	50	
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	December-2022	---	1510	---	3570	---	---	---	1790	---	1830	1490	---	---	---	---	1340	1940	---	---	---	---	---	---	---	---	200	500	
		---	1840	---	---	---	---	---	---	881	---	---	---	---	---	1410	---	---	---	---	---	---	---	---	---	---	20	50	
	January-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
		---	---	---	---	---	---	---	---	---	2970	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.8	50	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1870	---	---	---	---	---	---	---	---	33.6	100	
	March-2023	---	---	---	---	---	---	---	---	879	1920	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.8	50
	April-2023	---	---	---	---	---	---	---	---	---	---	1510	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
	May-2023	---	1590	---	---	---	---	---	---	---	1950	2910	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250
		---	---	---	---	---	---	---	---	---	3080	---	---	---	2750	---	---	---	---	---	---	---	---	---	---	---	---	200	500
	June-2023	---	---	---	---	---	---	---	---	---	---	---	2650	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
		---	1670	---	---	---	---	---	2960	---	---	---	---	---	---	---	---	---	1670	---	---	---	---	---	---	2720	285	10	25
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	25	
	August-2023	---	---	---	---	---	2240	---	2820	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2850	---	100	250
	September-2023	---	---	---	3340	---	---	---	---	---	---	---	---	---	---	---	---	---	2680	---	---	---	---	---	---	---	100	250	
		---	---	---	---	---	---	1050	---	---	---	---	---	---	---	---	---	---	---	---	---	1320	---	---	---	---	---	40	100
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4630	---	---	---	---	---	---	---	---	100	250
		---	---	---	---	---	---	2240	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2120	---	80	200
	November-2023	---	1440	---	3290	2630	---	---	---	---	2530	---	---	1120	---	---	---	---	2270	---	---	3170	---	---	---	---	---	100	250
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1880	---	---	---	---	---	---	---	---	80	200
	December-2023	---	---	---	3130	---	---	---	---	---	---	---	---	---	---	---	---	---	1890	---	---	---	---	---	---	---	---	100	250
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	January-2024	---	---	2450	---	---	---	---	---	---	3020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1810	100	250
	February-2024	---	---	2540	---	2890	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2470	---	2970	---	---	---	---	100	250
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	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2980	---	---	---	100	250
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	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2320	---	---	---	---	---	---	---	---	50	125
		---	---	---	3260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250
	May-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1140	40	100
		---	---	---	---	---	---	---	---	---	3120	---	---	---	---	---	---	---	1780	---	2470	3280	---	---	---	---	---	100	250
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1870	---	---	---	---	---	---	---	---	100	250
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	July-2024	---	---	---	---	---	---	---	---	---	2840	2680	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250
	August-2024	---	---	---	---	---	1980	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1460	---	---	---	3150	---	100	250
		---	---	---	---	---	2090	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	125
	September-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2650	---	---	---	---	---	---	---	---	80	200
		---	---	---	3320	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250
	October-2024	351	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1870	---	---	---	---	---	---	40	100
	---	1360	---	2850	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250	
November-2024	1070	1610	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
December-2024	---	---	---	2790	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250	
January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1960	---	---	---	---	---	40	100	
	---	---	---	---	---	---	---	---	---	---	---	0.948	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0398	0.0995	
February-2025	---	1190	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1520	---	---	---	---	---	100	250	
	---	1230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
March-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250	
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April-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2600	---	---	---	---	---	---	---	---	80	200	
	---	---	---	---	---	---	---	---	---	---	2240	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27.7	151	
May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	55.3	301	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.9	250	
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.9	250	
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1290	45.9	250
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August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.9	50	
September-2025	---	1660	---	---	---	---	---	---	---	---	2200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.4	20
October-2025	---	1330	---	---	---	---	---	---	---	---	---	---	---	---	1130	---	---	---	---	---	---	---	---	---	---	---	---	45.9	50
November-2025	---	---	---	---	---	---	---	---	---	2280	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.4	20
December-2025	---	---	---	---	---	---	---	---	---	---	---	1460	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ			
Parameter	Monitoring Event	Concentration																													
Total Recoverable Phenolics (mg/L)	November-2022	---	---	---	---	---	---	---	---	---	28.8	---	5.68	---	---	3	---	---	---	---	---	---	---	---	---	---	0.3	0.5			
		---	---	---	---	---	---	---	---	---	---	8.94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.75	1.25			
	December-2022	---	24.9	---	54.6	---	---	---	28.3	---	32	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5			
		---	27.2	---	---	---	---	---	---	1.3	---	---	---	---	---	---	20.2	36	---	---	---	---	---	---	---	---	1.5	2.5			
	January-2023	---	---	---	---	---	---	---	---	---	56.5	---	---	---	---	---	20.2	---	---	---	---	---	---	---	---	---	0.75	1.25			
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.4	---	---	---	---	---	---	---	1.5	2.5			
	March-2023	---	---	---	---	---	---	---	---	0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.03	0.05			
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	April-2023	---	---	---	---	---	---	---	---	18.7	---	5.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5			
	May-2023	---	18.6	---	---	---	---	---	---	20	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5			
	June-2023	---	---	---	---	---	---	---	---	---	39.1	---	45.6	---	80.6	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5			
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7	---	---	---	---	---	---	---	0.15	0.25			
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	August-2023	---	11.6	---	---	---	---	---	47.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37.3	1.5	2.5			
		---	---	---	---	---	28.6	---	31.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.4	---	1.46	0.15	0.25		
	September-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5		
		---	---	---	38.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5		
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
		---	---	---	---	---	---	37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.15	0.25		
	November-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.6	1		
		---	7.88	---	---	36.4	---	---	---	---	---	---	---	4.76	---	---	---	---	---	---	---	---	---	---	---	---	---	0.75	1.25		
		---	---	---	38.8	---	---	47.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5		
		---	---	---	---	---	---	---	---	---	46.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29.1	---	0.75	1.25		
	December-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5		
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		---	---	---	34.2	---	---	---	---	---	---	---	---	---	---	---	---	23	---	---	---	---	---	---	---	---	---	0.75	1.25		
	January-2024	---	---	38	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5		
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	February-2024	---	---	37.3	---	42.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.2	---	43.1	---	---	1.5	2.5		
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	1.68	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5		
		---	---	---	38.4	---	---	---	---	---	---	---	---	---	---	---	---	---	28.6	---	---	---	---	---	---	---	---	1.5	2.5		
	May-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5		
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	June-2024	---	---	---	---	---	---	---	---	---	---	36.6	---	---	---	---	---	---	---	---	---	---	33.6	51	---	---	---	3	5		
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	July-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
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	August-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
	September-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
		0.376	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.03	0.05		
	October-2024	---	8.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5	
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	---	---	---	37.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
November-2024	5.22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5		
	---	10.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5		
December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5		
	---	---	---	37.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
	---	8.15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.75	1.25		
February-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.5	2.5		
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March-2025	---	3.88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.5		
	---	---	---	---	---	---	---	---	---	---	---	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.75	1.25		
April-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.75	1.25		
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May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	5		
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.508	---	---	---	---	---	---	---	---	0.031	0.05		
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.54	2.5		
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Historical LFG-EW Leachate Monitoring Results Summary

	Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ			
Parameter	Monitoring Event	Concentration																													
SEMI-VOLATILE ORGANIC COMPOUND (ug/L)																															
Anthracene	November-2022	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	46.7	93.5			
		---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	93.5	187			
	December-2022	---	---	---	---	---	---	---	---	---	ND	---	ND	---	---	---	---	ND	---	---	---	---	---	---	---	---	9.35	9.35			
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	11.7	11.7			
		---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.4	23.4			
		---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	485	971			
	January-2023	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	243	485		
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	253	505		
		---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	490	980		
		---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	1000		
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	187	374		
	March-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51	102	
		---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	117	234	
	April-2023	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37.4	74.8	
		---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38.8	77.7	
	May-2023	---	ND	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	93.5	187	
		---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	467	935	
	June-2023	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	485	971	
		---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	490	980	
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46.7	93.5	
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		---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	1000	2000	
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	19.6	39.2
		---	---	---	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	1000	2000	
	September-2023	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	40	80	
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	40	80	
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	November-2023	---	ND	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	20	40	
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	December-2023	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1000	2000	
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	January-2024	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	200
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		---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	250	500
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	ND	---	---	---	---	400000	800000
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	40	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	80	160
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	10
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May-2024	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	ND	---	ND	---	---	---	---	---	---	10	10	
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November-2024	ND	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	200	400	
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April-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---					

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																												
Anthracene (continued)	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	200	400	
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	100	200	
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	October-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	200	400
	November-2025	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	400
	December-2025	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	400
February-2026	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	200
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																											
TOTAL METALS (mg/L)																													
Arsenic	November-2022	---	---	---	---	---	---	---	---	---	0.863	---	0.464	---	---	1.3	---	---	---	---	---	---	---	---	---	---	0.02	0.04	
	December-2022	---	1.02	---	0.406	---	---	---	---	0.174	---	1.69	0.49	---	---	---	0.159	0.574	---	---	---	---	---	---	---	---	0.02	0.04	
	January-2023	---	0.285	---	---	---	---	---	---	0.596	0.225	---	---	---	---	0.846	---	---	---	---	---	---	---	---	---	---	0.01	0.02	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.29	---	---	---	---	---	---	---	---	0.005	0.01	
	March-2023	---	---	---	---	---	---	---	---	1.07	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.02	
	April-2023	---	---	---	---	---	---	---	---	---	---	0.11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0005	0.001	
	May-2023	---	0.26	---	---	---	---	---	---	0.36	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01	
	June-2023	---	---	---	---	---	---	---	---	0.3	0.27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0025	0.005	
	July-2023	---	0.23	---	---	---	---	---	---	---	0.26	---	0.5	---	0.14	---	---	---	---	0.24	---	---	---	---	0.19	0.06	0.0005	0.001	
	August-2023	---	---	---	---	---	---	---	---	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0025	0.005	
	September-2023	---	---	---	0.42	---	0.32	---	0.43	---	---	---	---	---	---	---	---	---	0.25	---	---	---	---	---	0.29	---	0.005	0.01	
	October-2023	---	---	---	---	---	---	0.36	---	---	---	---	---	---	---	---	---	---	0.24	---	---	0.31	---	---	---	---	0.005	0.01	
	November-2023	---	0.23	---	0.33	0.53	0.43	---	---	---	0.35	---	---	0.78	---	---	---	---	0.34	---	---	0.27	---	---	---	0.2	0.003	0.003	
	December-2023	---	---	---	0.4	---	---	---	---	---	---	---	---	---	---	---	---	0.26	---	0.24	---	---	---	---	---	---	0.0025	0.005	
	January-2024	---	---	0.47	---	---	---	---	---	---	0.23	---	---	---	---	---	---	---	---	0.24	---	---	---	---	---	---	0.001	0.002	
	February-2024	---	---	0.68	---	0.42	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.33	---	0.23	---	---	0.18	0.0025	0.005
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.23	---	---	---	0.002	0.005
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.49	---	---	---	---	---	0.18	---	---	---	---	---	---	0.0005	0.001	
	May-2024	---	---	---	0.31	---	---	---	---	---	---	---	---	---	---	---	---	0.33	---	0.2	---	0.73	0.22	---	---	---	0.004	0.004	
	June-2024	---	---	---	---	---	---	---	---	---	0.33	---	---	---	---	---	---	---	0.2	---	0.19	---	0.49	---	---	0.14	0.005	0.01	
	July-2024	---	---	---	---	---	---	---	---	---	---	300	0.095	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0025	0.005	
	August-2024	---	---	---	---	---	0.18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.49	---	---	---	0.13	---	0.005	0.01
	September-2024	---	---	---	0.27	---	0.15	---	---	---	---	---	---	---	---	---	---	0.19	---	---	---	---	---	---	---	---	0.005	0.01	
	October-2024	0.1	0.26	---	0.24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.18	---	---	---	---	---	---	0.005	0.01	
	November-2024	0.18	0.15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01	
	December-2024	---	---	---	0.28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.09	---	0.005	0.01	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.88	---	---	---	---	0.01	0.05	
	February-2025	---	0.17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.73	---	---	---	---	0.005	0.01	
	March-2025	---	0.158	---	---	---	---	---	---	---	---	---	0.344	---	0.774 J	---	---	---	0.254	---	---	---	---	---	---	---	0.465	1	
	April-2025	---	---	---	---	---	---	---	---	---	---	---	0.246	---	---	---	---	---	0.217	---	---	---	---	---	---	---	0.01	0.02	
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.15	0.2	---	0.0025	0.005	
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.322	---	---	---	---	---	---	0.003	0.02	
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.19	0.0018	0.02	
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.206	0.178	0.0018	0.02	
	September-2025	---	0.289	---	---	---	---	---	---	---	---	---	0.166	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.02	
	October-2025	---	0.0128 J	---	---	---	---	---	---	---	---	---	---	---	---	---	0.134	---	---	---	---	---	---	---	---	---	0.002	0.02	
	November-2025	---	---	---	---	---	---	---	---	---	---	0.247	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008	0.08	
	December-2025	---	---	---	---	---	---	---	---	---	---	---	---	0.13 J	---	---	---	---	---	---	---	---	---	---	---	---	0.02	0.2	
	February-2026	---	0.39	---	---	---	---	---	---	---	---	---	---	0.407	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.1	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Barium	November-2022	---	---	---	---	---	---	---	---	0.871	---	0.485	---	---	0.36	---	---	---	---	---	---	---	---	---	---	0.01	0.02		
	December-2022	---	0.566	---	0.803	---	---	---	0.978	---	0.438	0.214	---	---	---	0.856	0.793	---	---	---	---	---	---	---	---	0.01	0.02		
	January-2023	---	0.643	---	---	---	---	---	0.683	1.92	---	---	---	---	0.554	---	---	---	---	---	---	---	---	---	---	0.005	0.01		
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.04	---	---	---	---	---	---	---	---	0.01	0.05		
	March-2023	---	---	---	---	---	---	---	0.406	0.683	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01		
	April-2023	---	---	---	---	---	---	---	1.21	---	0.326	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05		
	May-2023	---	0.636	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.025		
	June-2023	---	---	---	---	---	---	---	1.2	1.83	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05	
		---	---	---	---	---	---	---	---	1.69	---	---	---	---	1.65	---	---	---	---	---	---	---	---	---	---	---	0.005	0.025	
	July-2023	---	---	---	---	---	---	---	---	---	---	---	3.01	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.217	0.001	0.005		
	August-2023	---	0.542	---	---	---	---	---	2.28	---	---	---	---	---	---	---	---	---	0.558	---	---	---	---	---	---	---	0.002	0.01	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.02	0.005	0.025		
	September-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05	
		---	---	---	0.72	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.649	---	---	---	---	---	---	0.01	0.05	
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.664	---	---	---	---	---	---	---	0.002	0.01	
	November-2023	---	0.572	---	0.81	2.28	---	2.56	---	---	1.96	---	---	0.418	---	---	---	---	0.67	---	---	1.93	---	---	---	---	0.005	0.025	
	December-2023	---	---	---	0.68	---	---	---	---	---	---	---	---	---	---	---	---	1.36	---	---	---	---	---	---	---	---	0.005	0.025	
	January-2024	---	---	---	---	---	---	---	---	---	1.92	---	---	---	---	---	---	---	0.672	---	---	---	---	---	---	---	0.002	0.01	
		---	---	3.27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.025	
	February-2024	---	---	3.03	---	4.41	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.65	---	0.925	---	---	---	0.005	0.025	
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.01	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.025	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.4	---	---	---	---	0.634	---	---	---	---	---	---	---	0.001	0.005	
	May-2024	---	---	---	1.02	---	---	---	---	---	---	---	---	---	---	---	---	2.15	---	---	---	---	---	---	---	---	0.01	0.05	
		---	---	---	---	---	---	---	---	---	1.79	---	---	---	---	---	---	---	0.619	---	2.8	2.06	---	---	---	---	0.872	0.01	0.05
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.6	---	3.44	---	---	---	---	---	1.51	0.01	0.05
	July-2024	---	---	---	---	---	---	---	---	---	1.28	2.75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.025	
	August-2024	---	---	---	---	---	1.27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.39	---	---	---	0.862	---	0.01	0.05
	September-2024	---	---	---	1.34	---	1.33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05	
	October-2024	0.26	0.568	---	1.17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.33	---	---	---	---	---	0.01	0.05	
	November-2024	0.262	0.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05	
	December-2024	---	---	---	2.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.05	
	February-2025	---	0.633	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.88	---	---	---	---	---	0.01	0.05
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.465	0.5	
	March-2025	---	0.516	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01	
	April-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01	
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.025	
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.514	---	---	---	---	---	---	---	0.001	0.01	
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.842	0.0005	0.01
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0005	0.01	
	September-2025	---	1.1	---	---	---	---	---	---	---	---	2.36	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.01	
	October-2025	---	0.174	---	---	---	---	---	---	---	---	---	---	---	---	0.284	---	---	---	---	---	---	---	---	---	---	0.001	0.01	
	November-2025	---	---	---	---	---	---	---	---	---	1.55	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.04
	December-2025	---	---	---	---	---	---	---	---	---	---	---	---	1.75	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.1	
February-2026	---	0.403	---	---	---	---	---	---	---	---	---	---	2.19	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.05	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ			
Parameter	Monitoring Event	Concentration																												
Cadmium	November-2022	---	---	---	---	---	---	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.008		
	December-2022	---	ND	---	0.0104	---	---	---	ND	---	ND	ND	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	0.004	0.008		
	January-2023	---	ND	---	---	---	---	---	---	ND	ND	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	0.002	0.004		
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.000297 J	---	---	---	---	---	---	---	---	0.0001	0.001			
	March-2023	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.004			
	April-2023	---	---	---	---	---	---	---	0.000158 J	---	0.000333 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0001	0.001			
	May-2023	---	ND	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0005	0.005			
	June-2023	---	---	---	---	---	---	---	---	ND	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	0.0005	0.005			
	July-2023	---	0.000219 J	---	---	---	---	---	0.000156 J	---	---	---	---	---	---	---	---	---	0.000186 J	---	---	---	---	---	ND	ND	0.0001	0.001		
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	ND	0.0005	0.005	
	September-2023	---	---	---	ND	---	ND	---	ND	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	ND	---	0.001	0.01		
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.000171 J	---	---	ND	---	---	---	---	0.0001	0.001		
	November-2023	---	ND	---	ND	ND	---	ND	---	---	ND	---	---	ND	---	---	---	---	ND	---	---	ND	---	---	---	ND	0.001	0.003		
	December-2023	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	0.000604 J	---	ND	---	---	---	---	---	---	0.0005	0.0015		
	January-2024	---	---	ND	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0005	0.005		
	February-2024	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0175	---	ND	---	---	---	0.0005	0.005		
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.0002	0.002		
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.000204 J	---	---	---	---	0.000195 J	---	---	---	---	---	---	---	0.0005	0.005		
	May-2024	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	0.0001	0.001		
	June-2024	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	ND	---	---	0.0483	ND	---	---	---	0.001	0.01		
	July-2024	---	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	ND	---	---	0.0175	---	---	---	---	0.001	0.01		
	August-2024	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00508 J	---	---	---	---	---	0.0005	0.005		
	September-2024	---	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00247 J	---	---	0.001	0.01		
	October-2024	0.00117 J	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.01		
	November-2024	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.01		
	December-2024	---	---	---	0.00661 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00304 J	0.001	0.01		
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.198	---	---	---	---	0.004	0.01		
	February-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0101	---	---	---	---	---	0.001	0.01		
	March-2025	---	ND	---	---	---	---	---	---	---	---	0.0119	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.186	0.2		
	April-2025	---	---	---	---	---	---	---	---	---	---	0.0284	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.004		
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.004		
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	0.0005	0.005		
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0004	0.004		
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0002	0.004		
	September-2025	---	0.0009 J	---	---	---	---	---	---	---	---	0.0302	---	---	---	---	---	---	---	---	---	---	---	---	0.0183	---	0.001 J	0.0002	0.004	
	October-2025	---	0.0013 J	---	---	---	---	---	---	---	---	---	---	---	---	0.0002 J	---	---	---	---	---	---	---	---	---	---	0.0002	0.004		
	November-2025	---	---	---	---	---	---	---	---	---	0.0089 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0008	0.016	
	December-2025	---	---	---	---	---	---	---	---	---	---	---	0.0042 J	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.04		
	February-2026	---	ND	---	---	---	---	---	---	---	---	---	0.0289	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.02	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Chromium	November-2022	---	---	---	---	---	---	---	---	0.208	---	0.112	---	---	0.354	---	---	---	---	---	---	---	---	---	---	---	0.016	0.02	
	December-2022	---	0.503	---	1.08	---	---	---	1.76	---	0.274	0.319	---	---	---	0.499	0.822	---	---	---	---	---	---	---	---	---	0.016	0.02	
	January-2023	---	0.31	---	---	---	---	---	---	0.488	0.178	---	---	---	---	0.155	---	---	---	---	---	---	---	---	---	---	0.008	0.01	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.277	---	---	---	---	---	---	---	---	---	0.004	0.01	
	March-2023	---	---	---	---	---	---	---	---	0.213	0.188	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008	0.01	
	April-2023	---	---	---	---	---	---	---	---	---	0.142	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0004	0.001	
	May-2023	---	0.422	---	---	---	---	---	---	0.306	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.01	
	June-2023	---	---	---	---	---	---	---	---	0.281	0.237	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.005	
	July-2023	---	0.308	---	---	---	---	---	---	---	0.251	---	0.191	---	0.272	---	---	---	---	---	---	---	---	---	---	---	0.002	0.005	
	August-2023	---	---	---	---	---	---	---	0.535	---	---	---	---	---	---	---	---	---	0.231	---	---	---	---	---	0.215	0.0265	0.0004	0.001	
	September-2023	---	---	---	---	---	0.606	---	0.449	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.259	---	0.002	0.005	
	October-2023	---	---	---	1.17	---	---	---	---	---	---	---	---	---	---	---	---	---	0.234	---	---	---	---	---	---	---	0.004	0.01	
	November-2023	---	---	---	---	---	---	0.273	---	---	---	---	---	---	---	---	---	---	0.144	---	---	0.194	---	---	---	---	0.0004	0.001	
	December-2023	---	0.391	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0008	0.002	
	January-2024	---	---	---	---	0.51	---	---	---	---	---	---	---	---	---	---	---	---	0.251	---	---	0.403	---	---	---	---	0	0.003	
	February-2024	---	---	---	1.04	---	---	0.402	---	---	0.246	---	---	0.343	---	---	---	---	---	---	---	---	---	---	0.222	---	0.003	0.003	
	March-2024	---	---	---	1.34	---	---	---	---	---	---	---	---	---	---	---	---	0.259	---	---	---	---	---	---	---	---	0.002	0.005	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.219	---	---	---	---	---	---	---	0.002	0.005	
	May-2024	---	---	0.17	---	---	---	---	---	---	0.193	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.128	0.002	0.005	
	June-2024	---	---	0.23	---	0.272	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.203	---	0.336	---	---	---	0.002	0.005	
	July-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0759	0.0008	0.002		
	August-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.36	---	---	---	---	0.245	---	---	---	---	---	---	---	0.002	0.005	
	September-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.414	---	---	---	0.0004	0.001	
	October-2024	---	---	---	0.836	---	---	---	---	---	---	---	---	---	---	---	---	0.228	---	---	---	---	---	---	---	---	0.004	0.01	
	November-2024	---	---	---	---	---	---	---	---	---	0.268	---	---	---	---	---	---	---	0.226	---	0.183	0.352	---	---	---	0.11	0.004	0.01	
	December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.226	---	0.188	---	---	---	---	---	0.16	0.004	0.01
	January-2025	---	---	---	---	---	---	---	---	---	0.252	0.246	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.005	
	February-2025	---	---	---	---	---	0.549	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.185	---	---	0.233	---	0.004	0.01	
	March-2025	0.0873	0.246	---	0.948	---	0.541	---	---	---	---	---	---	---	---	---	---	0.228	---	---	---	---	---	---	---	---	0.004	0.01	
	April-2025	0.0797	0.237	---	0.929	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.349	---	---	---	---	---	---	0.004	0.01	
	May-2025	---	---	---	0.773	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.184	0.004	0.01		
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00941	---	---	---	---	---	0.003	0.01	
July-2025	---	0.21	---	---	---	---	---	---	---	---	---	0.0992	---	---	---	---	---	---	---	0.196	---	---	---	---	---	0.004	0.01		
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0465	0.05		
September-2025	---	0.248	---	---	---	---	---	---	---	---	0.199	---	---	---	---	---	0.155	---	---	---	---	---	---	---	---	0.008	0.01		
October-2025	---	---	---	---	---	---	---	---	---	---	0.248	---	---	---	---	---	0.143	---	---	---	---	---	---	---	---	0.008	0.01		
November-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.371	0.342	---	0.002	0.005		
December-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.178	---	---	---	---	---	---	---	0.001	0.01		
January-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.01		
February-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0899	0.0004	0.01	
March-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0004	0.01		
April-2026	---	0.24	---	---	---	---	---	---	---	---	0.222	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.01	
May-2026	---	0.0305	---	---	---	---	---	---	---	---	---	---	---	---	0.223	---	---	---	---	---	---	---	---	---	---	---	0.0004	0.01	
June-2026	---	---	---	---	---	---	---	---	---	0.185	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0016	0.04	
July-2026	---	---	---	---	---	---	---	---	---	---	---	0.153	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.1	
August-2026	---	0.406	---	---	---	---	---	---	---	---	---	0.22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.05	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																										
Copper	November-2022	---	---	---	---	---	---	---	---	ND	---	ND	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	0.016	0.02
	December-2022	---	ND	---	ND	---	---	---	ND	---	ND	ND	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	0.016	0.02
	January-2023	---	ND	---	---	---	---	---	---	0.0127	0.0256	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	0.008	0.01
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00365	---	---	---	---	---	---	---	---	0.0003	0.001
	March-2023	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008	0.01
	April-2023	---	---	---	---	---	---	---	---	0.00664	---	0.00767	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0003	0.001
	May-2023	---	ND	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0015	0.005
	June-2023	---	---	---	---	---	---	---	---	---	0.00154 J	---	0.00362 J	---	0.00269 J	---	---	---	---	---	---	---	---	---	---	---	0.0015	0.005
	July-2023	---	0.00124	---	---	---	---	---	0.00163	---	---	---	---	---	---	---	---	---	0.00811	---	---	---	---	---	ND	0.0027	0.0003	0.001
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.0015	0.005
	September-2023	---	---	---	ND	---	0.00343 J	---	0.0176	---	---	---	---	---	---	---	---	---	0.00407 J	---	---	---	---	---	ND	---	0.003	0.01
	October-2023	---	---	---	---	---	---	0.00806	---	---	---	---	---	---	---	---	---	---	0.00361	---	---	0.000609 J	---	---	---	---	0.0003	0.001
	November-2023	---	0.00607	---	0.00352	0.0212	---	0.00756	---	---	ND	---	---	0.00341	---	---	---	---	0.00387	---	---	ND	---	---	---	ND	0.003	0.003
	December-2023	---	---	---	0.00184	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	0.0034	---	---	---	---	---	---	0.0015	0.0015
	January-2024	---	---	ND	---	---	---	---	---	---	0.019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.0015	0.005
	February-2024	---	---	ND	---	0.00201	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	ND	---	---	0.0015	0.002
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00115 J	---	0.0006	0.002
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.00443	---	---	---	---	---	---	---	---	0.00184 J	---	---	---	0.0015	0.005
	May-2024	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	0.0003	0.001
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	---	---	---	---	---	---	---	0.003	0.004
	July-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00486 J	---	0.00688 J	ND	---	---	---	---	0.003	0.01
	August-2024	---	---	---	---	---	---	---	---	---	0.398	ND	---	---	---	---	---	---	0.00409 J	---	ND	---	---	---	---	---	0.003	0.01
	September-2024	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	0.0015	0.005
	October-2024	0.00612 J	ND	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	0.003	0.01
	November-2024	0.00569 J	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00306 J	---	---	---	---	---	---	0.003	0.01
	December-2024	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.003	0.01
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.035 J	---	---	---	---	---	0.01	0.01
	February-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00381 J	---	---	---	---	---	0.003	0.01
	March-2025	---	0.0087 J	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0465	0.05
	April-2025	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	0.0142	---	---	---	---	---	---	---	---	0.008	0.01
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.009 J	---	---	---	---	---	---	---	---	0.008	0.01
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0082 J	---	---	---	ND	0.0123	---	0.0015	0.005
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.01
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0017	0.01
	September-2025	---	0.0089 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.01
	October-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	0.0031 J	---	---	---	---	---	---	---	---	---	---	0.002	0.01
	November-2025	---	---	---	---	---	---	---	---	---	0.0682	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008	0.04
	December-2025	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	0.02	0.1
	February-2026	---	0.0142 J	---	---	---	---	---	---	---	---	---	0.0252 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																								LOD	LOQ	
Lead	November-2022	---	---	---	---	---	---	---	---	ND	---	ND	---	---	0.017 J	---	---	---	---	---	---	---	---	---	---	0.012	0.02	
	December-2022	---	ND	---	0.0381	---	---	---	ND	---	ND	ND	---	---	---	---	ND	ND	---	---	---	---	---	---	---	0.012	0.02	
	January-2023	---	ND	---	---	---	---	---	---	ND	ND	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	0.006	0.01	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.006	---	---	---	---	---	---	---	0.001	0.001	
	March-2023	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.006	0.01	
	April-2023	---	---	---	---	---	---	---	0.0022	---	0.0067	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.001	
	May-2023	---	ND	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.005	
	June-2023	---	---	---	---	---	---	---	---	ND	---	ND	---	---	0.0069	---	---	---	---	---	---	---	---	---	---	0.005	0.005	
	July-2023	---	0.0014	---	---	---	---	---	0.019	---	---	---	---	---	---	---	---	---	0.0092	---	---	---	---	---	ND	0.0017	0.001	
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.005	0.005
	September-2023	---	---	---	0.12	---	0.014	---	ND	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	0.013	---	0.01	0.01	
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0036	---	---	0.0034	---	---	---	0.001	0.001	
	November-2023	---	ND	---	0.13	0.0046	---	0.0077 0.014	---	---	ND	---	---	ND	---	---	---	---	0.0032	---	---	0.0043	---	---	---	ND	0.002	0.002
	December-2023	---	---	---	0.16	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.0043	---	---	---	---	---	---	---	0.0015	0.0015
	January-2024	---	---	ND	---	---	---	---	---	0.0081	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.005
	February-2024	---	---	0.0065	---	0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.051	---	0.012	---	---	---	0.001	0.002
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.002
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.0013	---	---	---	---	0.0025	---	---	---	---	0.02	---	---	0.005	0.005
	May-2024	---	---	---	0.13	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	0.004	0.004
	June-2024	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	ND	---	---	0.11	ND	---	---	---	0.01	0.01
	July-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	0.024	---	---	---	---	0.01	0.01
	August-2024	---	---	---	---	---	0.031	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.027	---	---	---	---	0.005	0.005
	September-2024	---	---	---	0.098	---	0.057	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.01
	October-2024	ND	ND	---	0.12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.01
	November-2024	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.01
	December-2024	---	---	---	0.18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.01
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.002
	February-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.02	---	---	---	---	0.01	0.01
	March-2025	---	0.0113	---	---	---	---	---	---	---	---	0.0816	0.0561	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0465	0.05
	April-2025	---	---	---	---	---	---	---	---	---	---	0.132	---	---	---	---	---	0.0229 0.0207	---	---	---	---	---	---	---	---	0.006	0.01
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.006	0.01
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0079 J	---	---	---	---	---	---	---	0.005	0.005
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.003	0.01
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0018	0.01
	September-2025	---	0.0179	---	---	---	---	---	---	---	---	0.0184	---	---	---	---	---	---	---	---	---	---	---	---	0.087	0.0142	0.0018	0.01
	October-2025	---	0.0093 J	---	---	---	---	---	---	---	---	---	---	---	---	0.0105 J	---	---	---	---	---	---	---	---	---	---	0.002	0.01
	November-2025	---	---	---	---	---	---	---	---	0.0688	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008	0.04
	December-2025	---	---	---	---	---	---	---	---	---	---	---	0.0246 J	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008	0.04
	February-2026	---	0.0186 J	---	---	---	---	---	---	---	---	---	0.218	---	---	---	---	---	---	---	---	---	---	---	---	---	0.02	0.1
																										0.01	0.05	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Nickel	November-2022	---	---	---	---	---	---	---	---	0.0866	---	0.1344	---	---	0.173	---	---	---	---	---	---	---	---	---	---	0.014	0.02		
	December-2022	---	0.1722	---	0.5025	---	---	---	0.2989	---	0.1299	0.287	---	---	---	0.1853	0.346	---	---	---	---	---	---	---	---	0.014	0.02		
	January-2023	---	0.1074	---	---	---	---	---	---	0.1442	0.0407	---	---	---	---	0.0769	---	---	---	---	---	---	---	---	---	0.007	0.01		
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1726	---	---	---	---	---	---	---	0.001	0.001		
	March-2023	---	---	---	---	---	---	---	---	0.1254	0.1033	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.007	0.01		
	April-2023	---	---	---	---	---	---	---	---	0.1143	---	0.1732	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.001		
	May-2023	---	0.113	---	---	---	---	---	---	0.09726	0.05657	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.005		
	June-2023	---	---	---	---	---	---	---	---	---	0.05978	---	0.05892	---	0.07161	---	---	---	---	---	---	---	---	---	---	0.005	0.005		
	July-2023	---	0.09872	---	---	---	---	---	0.08332	---	---	---	---	---	---	---	---	---	0.1576	---	---	---	---	---	---	0.03074	0.01403	0.001	0.001
	August-2023	---	---	---	---	---	0.1457	---	0.09673	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0513	0.02029	0.005	0.005
	September-2023	---	---	---	0.5152	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2387	---	---	---	---	---	---	---	0.01	0.01	
	October-2023	---	---	---	---	---	---	0.104	---	---	---	---	---	---	---	---	---	---	0.2019	---	---	0.09206	---	---	---	---	0.001	0.001	
	November-2023	---	0.1178	---	0.4227	0.1242	---	0.07791	---	---	0.05944	---	---	0.1493	---	---	---	---	0.2492	---	---	0.1332	---	---	---	0.05277	0.01	0.01	
	December-2023	---	---	---	0.6091	---	---	---	---	---	---	---	---	---	---	---	---	0.1447	---	0.2127	---	---	---	---	---	---	0.005	0.005	
	January-2024	---	---	0.06308	---	---	---	---	---	---	0.04911	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0326	0.005	0.005	
	February-2024	---	---	0.07945	---	0.07013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.09174	---	0.06183	---	---	---	0.005	0.005	
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.08678	---	---	0.02232	0.002	0.002	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.1319	---	---	---	---	0.196	---	---	---	---	---	---	---	0.005	0.005	
	May-2024	---	---	---	0.3136	---	---	---	---	---	---	---	---	---	---	---	0.1139	---	---	---	---	---	---	---	---	---	0.01	0.01	
	June-2024	---	---	---	---	---	---	---	---	---	0.0538	---	---	---	---	---	---	---	0.2065	---	0.07835	0.09235	---	---	---	0.02884	0.01	0.01	
	July-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.211	---	0.07664	---	---	---	---	---	0.03166	0.01	0.01
	August-2024	---	---	---	---	---	0.1008	---	---	---	0.1917	0.03634	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.005	
	September-2024	---	---	---	0.396	---	0.1138	---	---	---	---	---	---	---	---	---	---	0.08772	---	---	---	---	---	---	---	---	0.01	0.01	
	October-2024	0.07251	0.115	---	0.3536	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.05751	---	---	---	---	---	---	0.01	0.01	
	November-2024	0.03879	0.09665	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.01	
	December-2024	---	---	---	0.2964	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.03528	0.01	0.01	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	0.0085	0.01	
	February-2025	---	0.09275	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1021	---	---	---	---	---	0.01	0.01	
	March-2025	---	0.0933	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0465	0.05	
	April-2025	---	---	---	---	---	---	---	---	---	---	0.0375	---	---	---	---	---	0.0818	---	---	---	---	---	---	---	---	0.007	0.01	
	May-2025	---	---	---	---	---	---	---	---	---	---	0.0161	---	---	---	---	---	0.0713	---	---	---	---	---	---	---	---	0.007	0.01	
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.07897	0.03695	---	---	0.005	0.005	
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1796	---	---	---	---	---	---	---	0.001	0.01	
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0145	0.0005	0.01
	September-2025	---	0.0731	---	---	---	---	---	---	---	---	0.0224	---	---	---	---	---	---	---	---	---	---	---	---	0.0925	0.0393	0.0005	0.01	
	October-2025	---	0.0177	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.01
	November-2025	---	---	---	---	---	---	---	---	---	0.0204 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001	0.01
	December-2025	---	---	---	---	---	---	---	---	---	---	---	0.0635 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.04
	February-2026	---	0.1353	---	---	---	---	---	---	---	---	---	0.0275 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.1
																										0.005	0.05		

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Selenium	November-2022	---	---	---	---	---	---	---	---	ND	---	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	0.08	0.1	
	December-2022	---	ND	---	ND	---	---	---	ND	---	ND	ND	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	0.08	0.1	
	January-2023	---	ND	---	---	---	---	---	---	ND	ND	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	0.04	0.05	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00199	---	---	---	---	---	---	---	---	0.00085	0.001	
	March-2023	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.04	0.05	
	April-2023	---	---	---	---	---	---	---	---	0.00189	---	0.00185	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00085	0.001	
	May-2023	---	ND	---	---	---	---	---	---	ND	0.00569	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00425	0.005	
	June-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00425	0.005	
	July-2023	---	0.00101	---	---	---	---	---	0.00331	---	---	---	ND	---	ND	---	ND	---	---	---	---	---	---	---	---	---	0.00085	0.001	
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00116	---	---	---	---	---	---	0.00251	ND	0.00085	0.001
	September-2023	---	---	---	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	0.00425	0.005	
	October-2023	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	0.0085	0.01	
	November-2023	---	---	---	---	---	---	0.00332	---	---	---	---	---	---	---	---	---	---	0.00186	---	---	0.0044	---	---	---	---	0.00085	0.001	
	December-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0017	0.002	
	January-2024	---	---	---	---	---	---	0.00332	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0017	0.002	
	February-2024	---	ND	---	0.00425	0.00314	---	0.00315	---	---	ND	---	---	ND	---	---	---	---	---	ND	---	---	0.0032	---	---	---	0.003	0.003	
	March-2024	---	---	---	0.00785	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00253	---	---	---	---	---	---	---	0.0015	0.0015	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00215	---	---	---	---	---	---	0.0017	0.002	
	May-2024	---	---	ND	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00425	0.005	
	June-2024	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00571	---	0.00651	---	---	0.00425	0.005	
	July-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0017	0.002	
	August-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00425	0.005	
	September-2024	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	0.000929 J	---	---	---	---	---	---	---	0.00085	0.001	
	October-2024	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	0.0085	0.01	
	November-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0085	0.01	
	December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0085	0.01	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0085	0.01	
	February-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0006	0.01	
	March-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0085	0.01	
	April-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.32	2.5	
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.04	0.05	
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.04	0.05	
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00425	0.005	
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008	0.05	
	September-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0069	0.05	
	October-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0069	0.05	
	November-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.007	0.05	
	December-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.007	0.05	
	February-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.028	0.2	
February-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.07	0.5		
February-2026	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.035	0.25		

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																										
Silver	November-2022	---	---	---	---	---	---	---	---	ND	---	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	0.01	0.02	
	December-2022	---	ND	---	0.0187 J	---	---	---	ND	---	ND	ND	---	---	---	ND	ND	---	---	---	---	---	---	---	---	0.01	0.02	
	January-2023	---	ND	---	---	---	---	---	---	ND	ND	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	0.005	0.01	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	0.00006	0.001	
	March-2023	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01	
	April-2023	---	---	---	---	---	---	---	---	ND	---	0.00011 J	---	---	---	---	---	---	---	---	---	---	---	---	---	0.00006	0.001	
	May-2023	---	ND	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0003	0.005	
	June-2023	---	---	---	---	---	---	---	---	---	ND	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	0.0003	0.005	
	July-2023	---	ND	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	ND	ND	0.00006	0.001	
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	ND	0.0003	0.005	
	September-2023	---	---	---	ND	---	ND	---	ND	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	0.0006	0.01	
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	ND	---	---	---	0.00006	0.001	
	November-2023	---	ND	---	ND	ND	---	ND	---	---	ND	---	---	ND	---	---	---	---	ND	---	---	---	---	---	ND	0.0006	0.01	
	December-2023	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	0.00012	0.002	
	January-2024	---	---	ND	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.0003	0.005	
	February-2024	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	ND	---	---	---	0.0003	0.005	
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.00012	0.002	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	0.0003	0.005	
	May-2024	---	---	---	ND	---	---	---	---	---	---	---	---	ND	---	---	---	ND	---	---	---	---	---	---	---	0.0004	0.001	
	June-2024	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	ND	---	ND	ND	---	---	ND	0.0006	0.01	
	July-2024	---	---	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	0.0003	0.0005	
	August-2024	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	ND	0.0006	0.01	
	September-2024	---	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	0.0006	0.01	
	October-2024	ND	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	0.0006	0.01	
	November-2024	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0006	0.01	
	December-2024	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	0.0006	0.01	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.789	---	---	---	---	---	0.025	0.05
	February-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	0.0006	0.01	
	March-2025	---	ND	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	0.00232	0.0025	
	April-2025	---	---	---	---	---	---	---	---	---	---	0.007 J	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01	
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	ND	---	0.0003	0.005	
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	0.002	0.01	
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0009 J	0.0004	0.01	
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0004	0.01	
	September-2025	---	0.001 J	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	ND	---	0.0008 J	0.0004	0.01
	October-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	0.0007 J	---	---	---	---	---	---	---	---	---	---	0.0004	0.01	
	November-2025	---	---	---	---	---	---	---	---	---	0.0034 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0016	0.04	
	December-2025	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	0.004	0.1	
	February-2026	---	ND	---	---	---	---	---	---	---	---	---	0.0146 J	---	---	---	---	---	---	---	---	---	---	---	---	0.002	0.05	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																										
Zinc	November-2022	---	---	---	---	---	---	---	---	ND	---	0.032	---	---	0.694	---	---	---	---	---	---	---	---	---	---	0.02	0.02	
	December-2022	---	0.208	---	29.7	---	---	---	0.162	---	0.0686	0.75	---	---	---	0.364	0.286	---	---	---	---	---	---	---	---	0.02	0.02	
	January-2023	---	0.133	---	---	---	---	---	---	0.15	0.074	---	---	---	---	0.0752	---	---	---	---	---	---	---	---	---	0.01	0.01	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0851	---	---	---	---	---	---	---	---	0.0025	0.005	
	March-2023	---	---	---	---	---	---	---	---	0.0689	0.0538	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01	0.01	
	April-2023	---	---	---	---	---	---	---	---	0.0539	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0025	0.005
		---	---	---	---	---	---	---	---	---	---	0.414	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.025	0.05
	May-2023	---	0.079	---	---	---	---	---	---	0.0635	0.0519	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0125	0.025
	June-2023	---	---	---	---	---	---	---	---	---	0.0538	---	0.0253	---	0.945	---	---	---	---	---	---	---	---	---	---	---	0.0125	0.025
	July-2023	---	0.0488	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0714	---	---	---	---	---	0.354	0.0782	0.0025	0.005
		---	---	---	---	---	---	---	2.03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0125	0.025
	August-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.112	0.0125	0.025
		---	---	---	---	---	5.92	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.025	0.05
	September-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0788	---	---	---	---	---	---	---	0.05	0.1
		---	---	---	45	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.025	0.05
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0622	---	---	---	---	---	---	---	0.0025	0.005
		---	---	---	---	---	---	0.203	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005	0.01
	November-2023	---	0.0471 J	---	---	0.0534	---	0.74	---	---	0.053	---	---	0.0618	---	---	---	---	0.0722	---	---	0.845	---	---	0.0313 J	0.025	0.05	
		---	---	---	30.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25	0.5
	December-2023	---	---	---	52.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25	0.5
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.061	---	---	---	---	---	---	---	0.005	0.01
	January-2024	---	---	0.117	---	---	---	---	---	---	0.0974	---	---	---	---	---	---	0.0462	---	---	---	---	---	---	---	---	0.025	0.025
	February-2024	---	---	0.0879	---	0.0554	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.475	---	0.809	---	---	0.0261	0.0125	0.025
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0342	0.005	0.01
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0125	0.025
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	0.0565	---	---	---	---	0.0539	---	---	---	---	---	---	---	0.0025	0.005
		---	---	---	24.7	---	---	---	---	---	---	---	---	---	---	---	---	0.0394	---	---	---	---	---	---	---	---	0.02	0.02
	May-2024	---	---	---	---	---	---	---	---	---	0.165	---	---	---	---	---	---	---	0.0568	---	1.3	1.43	---	---	---	0.0812	0.025	0.05
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0505	---	0.498	---	---	---	---	---	0.025	0.05
	July-2024	---	---	---	---	---	---	---	---	---	0.104	0.0451	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0125	0.025
	August-2024	---	---	---	---	---	3.49	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.512	---	---	0.417	---	0.025	0.05
	September-2024	---	---	---	0.212	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0025	0.005
		---	---	---	---	---	3.68	---	---	---	---	---	---	---	---	---	---	0.111	---	---	---	---	---	---	---	---	0.025	0.05
	October-2024	0.266	0.077	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.342	---	---	---	---	---	---	0.025	0.05
	November-2024	0.0325 J	0.0367 J	---	20.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25	0.5
	December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0696	0.025	0.05
		---	---	---	14.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25	0.5
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	0.002	0.002
	February-2025	---	0.0405 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.527	---	---	---	---	---	0.025	0.05
		---	---	---	---	---	---	---	---	---	---	---	0.136	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0465	0.05
March-2025	---	0.0415	---	---	---	---	---	---	---	---	0.155	---	---	---	---	---	0.0277	---	---	---	---	---	---	---	---	0.01	0.01	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0297	---	---	---	---	---	---	---	---	0.01	0.01	
April-2025	---	---	---	---	---	---	---	---	---	---	0.366	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.05	0.05	
May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0125	0.025	
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0455	---	---	---	---	---	---	---	0.007	0.01	
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0032	0.01	
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0318	0.0064	0.02	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0096	0.03	
September-2025	---	0.0267	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.003	0.01	
	---	---	---	---	---	---	---	---	---	---	0.322	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.009	0.03	
October-2025	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.003	0.01	
November-2025	---	---	---	---	---	---	---	---	---	0.215	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.012	0.04	
December-2025	---	---	---	---	---	---	---	---	---	---	---	0.0709 J	---	---	---	---	---	---	---	---	---	---	---	---	---	0.03	0.1	
February-2026	---	0.0541	---	---	---	---	---	---	---	---	---	0.0734	---	---	---	---	---	---	---	---	---	---	---	---	---	0.015	0.05	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ					
Parameter	Monitoring Event	Concentration																															
VOLATILE FATTY ACIDS (mg/L)																																	
Acetic Acid	November-2022	---	---	---	---	---	---	---	---	---	---	---	1600	---	---	---	---	---	---	---	---	---	---	---	---	---	25	100					
		---	---	---	---	---	---	---	---	---	3500	---	---	---	---	150 J	---	---	---	---	---	---	---	---	---	---	62	250					
	December-2022	---	1800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	62	250					
	January-2023	---	ND	---	---	---	---	---	---	ND	4400	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	500					
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	500					
	March-2023	---	---	---	---	---	---	---	---	ND	640	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500					
	April-2023	---	---	---	---	---	---	---	---	1200	---	520	---	---	---	---	---	---	---	---	---	---	---	---	---	---	370	500					
	May-2023	---	990	---	---	---	---	---	---	1800	3000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	370	500				
	June-2023	---	---	---	---	---	---	---	---	---	5900	---	4100	---	5000	---	---	---	---	---	---	---	---	---	---	---	750	1000					
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	150	200			
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	August-2023	---	---	---	---	---	3300	---	5300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	750	750	1000				
	September-2023	---	---	---	7400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500				
	October-2023	---	---	---	---	---	---	3200	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	370	500			
	November-2023	---	ND	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	ND	---	---	---	---	---	---	---	4160	250	500			
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	December-2023	---	---	---	9900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1000	2000			
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	January-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	250			
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	March-2024	---	---	3130	---	3530	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	250			
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	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200			
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	October-2024	---	---	---	10400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1250		
		ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50			
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	December-2024	---	---	---	9410	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1250		
	January-2025	960	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200			
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	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71.4	500	
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5		
	September-2025	---	2360	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71.4	500	
	October-2025	---	1800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71.4	500	
	November-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71.4	500	
	December-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71.4	500	
	February-2026	---	76.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7	5	
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																												
Butyric Acid	November-2022	---	---	---	---	---	---	---	---	---	830	---	430	---	---	---	---	---	---	---	---	---	---	---	---	---	12	100		
	December-2022	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	29	250		
	January-2023	---	ND	---	---	---	---	---	---	ND	1800	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	29	250		
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	500		
	March-2023	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500		
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																												
Lactic Acid	November-2022	---	---	---	---	---	---	---	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	11	100		
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ			
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	November-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57.3	500
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	February-2026	---	49	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.6	5
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																											
Pyruvic Acid	November-2022	---	---	---	---	---	---	---	---	---	98 J	---	46 J	---	---	---	ND	---	---	---	---	---	---	---	---	---	12	100	
	December-2022	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	250	
	November-2023	---	ND	---	ND	ND	---	ND	---	---	ND	---	---	ND	---	---	---	---	ND	---	---	ND	---	---	---	ND	250	500	
	December-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	500	1000
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	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	
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	April-2024	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	100	
	May-2024	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	ND	---	---	ND	---	---	---	ND	---	250	
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	113	---	---	---	ND	---	100	
	July-2024	---	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	250	
	August-2024	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	ND	---	500	
	September-2024	---	---	---	ND	---	ND	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	250	
	October-2024	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50
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	November-2024	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1250	
	December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	410	---	200	
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	400	
	May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	132 J	124 J	---	---	44.4	250
	June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	0.9	5
	July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	68	8.9	50	
	August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	61.3	0.9	5	
	September-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	93.9 J	---	---	17.8	100
		---	33.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.4	25
		---	---	---	---	---	---	---	---	---	---	---	73.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.9	50
October-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57.9	---	---	---	---	---	---	---	---	---	---	0.9	5	
November-2025	---	24.8 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.9	50	
December-2025	---	---	---	---	---	---	---	---	---	---	---	---	96.7	---	---	---	---	---	---	---	---	---	---	---	---	---	8.9	50	
February-2026	---	2.4 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.9	5	
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ				
Parameter	Monitoring Event	Concentration																													
VOLATILE ORGANIC COMPOUNDS (ug/L)																															
2-Butanone (MEK)	November-2022	---	---	---	---	---	---	---	---	3510	---	---	---	---	1140	---	---	---	---	---	---	---	---	---	---	30	100				
	December-2022	---	3140	---	---	---	---	---	---	---	---	3390	---	---	---	---	---	---	---	---	---	---	---	---	---	30	1000				
		---	---	---	26800	---	---	---	27700	---	5670	---	---	---	---	---	21700	7150	---	---	---	---	---	---	---	300	1000				
	January-2023	---	3480	---	---	---	---	---	632	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	100				
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	300	1000					
	March-2023	---	---	---	---	---	---	---	257	2770	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	600	2000				
	April-2023	---	---	---	---	---	---	---	3420	---	5530	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	100				
	May-2023	---	5360	---	---	---	---	---	---	5970	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	750	2500			
	June-2023	---	---	---	---	---	---	---	---	---	13600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	150	500			
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	August-2023	---	---	---	---	---	---	---	38400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13500	750	2500		
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	September-2023	---	---	---	---	25600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1500	5000		
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	October-2023	---	---	---	17500	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	750	2500		
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	November-2023	---	---	---	---	---	---	17800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33400	---	---	---	---	1500	5000		
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	February-2024	---	---	34700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1500	5000		
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	March-2024	---	---	30500	---	28900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17400	---	---	---	1500	5000		
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September-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1500	5000		
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Historical LFG-EW Leachate Monitoring Results Summary

[illegible]

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																											
Benzene	November-2022	---	---	---	---	---	---	---	---	---	7.4 J	---	2860	---	---	50.4	---	---	---	---	---	---	---	---	---	---	4	10	
	December-2022	---	301	---	2960	---	---	---	---	---	6.3 J	622	---	---	---	---	1750	179	---	---	---	---	---	---	---	---	4	10	
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	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1370	---	---	---	---	---	---	---	---	4	10	
	March-2023	---	---	---	---	---	---	---	---	1540	727	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	10	
	April-2023	---	---	---	---	---	---	---	---	3740	---	320	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	10	
	May-2023	---	814	---	---	---	---	---	---	4890	3370	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
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	August-2023	---	---	---	---	---	---	2320	---	168	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	379	8	20
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	September-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	193	---	---	---	---	---	---	---	---	8	20
		---	---	---	468	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	399	---	---	---	---	---	---	---	---	2	5
		---	---	---	---	---	---	576	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3100	---	---	---	---	20	50
	November-2023	---	80.8	---	---	---	---	---	---	---	---	---	---	---	31.3	---	---	---	---	---	---	---	---	---	---	---	---	2	5
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	10
		---	---	---	---	1070	---	654	---	---	982	---	---	---	---	---	---	---	---	---	---	---	1960	---	---	---	1190	20	50
		---	---	---	870	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250
	December-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	932	---	---	---	---	---	---	---	---	8	20
		---	---	---	1330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	463	---	---	---	---	---	---	---	20	50
	January-2024	---	---	1410	---	---	---	---	---	---	662	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2900	20	50
	February-2024	---	---	906	---	884	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	346	---	484	---	---	---	20	50
	March-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	226	---	---	8910	20	50
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	52.1	---	---	---	---	13.8	---	---	---	---	---	---	---	4	10
		---	---	---	2040	---	---	---	---	---	---	---	---	---	---	---	---	---	3420	---	---	---	---	---	---	---	---	20	50
	May-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	276	---	---	---	---	---	---	---	8	20
		---	---	---	---	---	---	---	---	---	---	3080	---	---	---	---	---	---	---	---	---	144	818	---	---	---	2990	20	50
June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	20	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	210	---	---	---	---	---	2740	20	50
July-2024	---	---	---	---	---	---	---	---	---	---	1410	1820	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
August-2024	---	---	---	---	---	828	---	---	---	---	---	---	---	---	---	---	---	---	---	---	162	---	---	---	384	---	20	50	
September-2024	---	---	---	960	---	727	---	---	---	---	---	---	---	---	---	---	---	2710	---	---	---	---	---	---	---	---	20	50	
October-2024	306	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4	1	
	---	429	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	5	
November-2024	---	---	---	1200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	828	---	---	---	---	---	---	20	50	
December-2024	---	---	---	675	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	20	
January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
February-2025	---	739	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	20	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
	---	---	---	---	---	---	---	---	---	---	---	---	559000	---	---	---	---	---	---	---	---	---	---	---	---	---	24500	24500	
March-2025	---	157	---	---	---	---	---	---	---	---	---	1260	---	---	---	---	---	2350	---	---	---	---	---	---	---	---	20	50	
April-2025	---	---	---	---	---	---	---	---	---	---	---	938	---	---	---	---	---	1540	---	---	---	---	---	---	---	---	20	50	
May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	255	222	---	20	50	
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97.4	---	---	---	---	---	---	---	8	20	
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1930	20	50
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
September-2025	---	747	---	---	---	---	---	---	---	---	---	406	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
October-2025	---	209	---	---	---	---	---	---	---	---	---	---	---	---	---	14.2 J	---	---	---	---	---	---	---	---	---	---	8	20	
November-2025	---	---	---	---	---	---	---	---	---	1260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
December-2025	---	---	---	---	---	---	---	---	---	---	---	---	193	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100	
February-2026	---	1020	---	---	---	---	---	---	---	---	---	---	130	---	---	---	---	---	---	---	---	---	---	---	---	---	2.78	8	

Historical LFG-EW Leachate Monitoring Results Summary

Well ID	EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																											
Ethylbenzene	December-2022	---	67.3	---	172	---	---	---	287	---	ND	48.5	---	---	---	108	27.4	---	---	---	---	---	---	---	---	4	10		
	November-2022	---	---	---	---	---	---	---	---	ND	---	194	---	---	---	16.2	---	---	---	---	---	---	---	---	---	4	10		
	January-2023	---	65.1	---	---	---	---	---	---	ND	93.9	---	---	---	---	20.8	---	---	---	---	---	---	---	---	---	4	10		
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	151	---	---	---	---	---	---	---	---	4	10		
	March-2023	---	---	---	---	---	---	---	---	131	71.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	10		
	April-2023	---	---	---	---	---	---	---	---	186	---	43.4	---	---	---	---	---	---	---	---	---	---	---	---	---	4	10		
	May-2023	---	124	---	---	---	---	---	---	276	144	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
	June-2023	---	---	---	---	---	---	---	---	---	104	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	20	
		---	---	---	---	---	---	---	---	---	---	---	98	---	116	---	---	---	---	---	---	---	---	---	---	---	20	50	
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	666	4	10	
		---	128	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	82	---	---	---	---	---	---	---	8	20	
	August-2023	---	---	---	---	---	---	---	224	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	87.5	---	20	50	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.8 J	---	8	20	
	September-2023	---	---	---	---	---	80	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.8	---	---	---	---	---	---	---	8	20	
	October-2023	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34.8	---	---	---	---	---	---	---	2	5	
	November-2023	---	---	---	---	---	42.5 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
		---	26.3	---	---	---	---	---	---	---	---	---	---	45.4	---	---	---	---	---	---	---	---	---	---	---	---	2	5	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	10	
		---	---	---	---	62	---	54	---	---	76.5	---	---	---	---	---	---	---	---	26.9	---	---	---	---	---	---	20	50	
	December-2023	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	250	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46	---	---	---	---	---	---	---	8	20	
	January-2024	---	---	---	69.5	---	---	---	---	---	---	---	---	---	---	---	---	---	44 J	---	---	---	---	---	---	---	20	50	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
	February-2024	---	---	99	---	---	---	---	---	---	28 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50	
	March-2024	---	---	51	---	43 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	31 J	---	41 J	---	---	---	20	50	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25 J	---	---	---	710	20	50
		---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	---	---	ND	---	---	---	---	---	---	---	4	10	
	May-2024	---	---	---	91.5	---	---	---	---	---	---	---	---	---	---	---	---	---	186	---	---	---	---	---	---	---	20	50	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	35.4	---	---	---	---	---	---	8	20	
	June-2024	---	---	---	---	---	---	---	---	---	146	---	---	---	---	---	---	---	---	---	---	ND	59	---	---	---	225	20	50
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July-2024	---	---	---	---	---	---	---	---	---	76	118	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
August-2024	---	---	---	---	---	27.5 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
September-2024	---	---	---	46.5 J	---	44 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
October-2024	---	59.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4	1		
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November-2024	---	---	---	62.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
December-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	20		
January-2025	---	---	---	52.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
February-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
	---	164	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	20		
March-2025	---	---	---	---	---	---	---	---	---	---	---	2090000	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
April-2025	---	61.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	20		
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	50		
September-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100		
October-2025	---	64 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	100		
November-2025	---	24.4	---	---	---	---	---	---	---	---	---	---	---	---	---														

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ		
Parameter	Monitoring Event	Concentration																												
Tetrahydrofuran	November-2022	---	---	---	---	---	---	---	---	---	309	---	---	---	---	176	---	---	---	---	---	---	---	---	---	---	100	100		
		---	---	---	---	---	---	---	---	---	---	---	8530	---	---	---	---	---	---	---	---	---	---	---	---	---	1000	1000		
	December-2022	---	151	---	---	---	---	---	---	---	170	1120	---	---	---	---	---	---	663	---	---	---	---	---	---	---	---	100	100	
		---	---	---	5210	---	---	---	---	19800	---	---	---	---	---	---	---	6130	---	---	---	---	---	---	---	---	---	1000	1000	
	January-2023	---	183	---	---	---	---	---	---	566	1810	---	---	---	---	---	352	---	---	---	---	---	---	---	---	---	---	100	100	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3760	---	---	---	---	---	---	---	---	---	2000	2000	
	March-2023	---	---	---	---	---	---	---	---	353	464	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	100	
	April-2023	---	---	---	---	---	---	---	---	2410	---	4790	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	100	
	May-2023	---	ND	---	---	---	---	---	---	2740	2380	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
	June-2023	---	---	---	---	---	---	---	---	---	2100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200	
		---	---	---	---	---	---	---	---	---	---	---	7320	---	6670	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2960	100	100	
		---	411	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	616	---	---	---	---	---	---	---	200	200	
	August-2023	---	---	---	---	---	---	---	---	8380	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5310	---	500	500
		---	---	---	---	---	---	7370	---	3210	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2880	200	200	
	September-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	343	---	---	---	---	---	---	---	---	500	500
		---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200	
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	606	---	---	---	---	---	---	---	2500	2500
		---	---	---	---	---	---	---	4870	---	---	---	---	---	---	---	---	---	---	---	---	---	9140	---	---	---	---	50	50	
	November-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
		---	199	---	---	---	---	---	---	---	---	---	---	---	325	---	---	---	---	---	---	---	---	---	---	---	---	50	50	
		---	---	---	---	---	4780	---	3320	---	---	785	---	---	---	---	---	---	---	358	---	---	---	---	---	---	4600	100	100	
	December-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
		---	---	---	4620	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2500	2500	
	January-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200	
		---	---	---	2620	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500
	February-2024	---	---	5160	---	---	---	---	---	---	---	1040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10900	500	500
	March-2024	---	---	3500	---	4580	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3520	---	---	---	---	---	---	500	500
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500
		---	---	---	7290	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7680	---	---	---	---	---	---	---	---	500	500
	May-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200
		---	---	---	---	---	---	---	---	---	---	2660	---	---	---	---	---	---	---	---	---	---	1880	5860	---	---	---	7640	500	500
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3830	---	---	---	---	---	500	500
	July-2024	---	---	---	---	---	---	---	---	---	1900	4020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500
	August-2024	---	---	---	---	---	3220	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2020	---	---	---	4610	---	500	500
September-2024	---	---	---	---	2950	---	2730	---	---	---	---	---	---	---	---	---	---	---	6640	---	---	---	---	---	---	---	---	500	500	
October-2024	---	248	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	10	
	---	318	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	50	
November-2024	---	---	---	2580	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
	---	6620	452	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200	
December-2024	---	---	---	---	5660	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
February-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
March-2025	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24500	24500	
April-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200	
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2000	2000	
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	500	
September-2025	---	---	2560	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1000	1000	
October-2025	---	---	2420	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	200	
November-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1000	1000
December-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1000	1000
February-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.1	20

Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																											
Toluene	November-2022	---	---	---	---	---	---	---	---	---	ND	---	214	---	---	32.8	---	---	---	---	---	---	---	---	---	---	5	10	
	December-2022	---	122	---	175	---	---	---	195	---	ND	113	---	---	---	---	113	48.3	---	---	---	---	---	---	---	---	5	10	
	January-2023	---	122	---	---	---	---	---	---	8 J	139	---	---	---	---	---	35.3	---	---	---	---	---	---	---	---	---	5	10	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	224	---	---	---	---	---	---	---	---	5	10	
	March-2023	---	---	---	---	---	---	---	---	182	98.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	10	
	April-2023	---	---	---	---	---	---	---	---	303	---	94.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	10	
	May-2023	---	258	---	---	---	---	---	---	371	239	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
	June-2023	---	---	---	---	---	---	---	---	---	165	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	20	
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	67	---	212	---	---	---	---	---	---	---	---	---	---	965	5	10
		---	248	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	---	---	---	10	20
	August-2023	---	---	---	---	---	---	---	218	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	118	---	25	50
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36.6	10	20
	September-2023	---	---	---	---	---	105	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
		---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	40.6	---	---	---	---	---	---	---	10	20
	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	125	250
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	59.2	---	---	---	---	---	---	---	2.5	5
	November-2023	---	---	---	---	---	---	37 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	235	---	---	---	---	25	50
		---	47.3	---	---	---	---	---	---	---	---	---	---	---	50.4	---	---	---	---	---	---	---	---	---	---	---	2.5	5	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	10	
	December-2023	---	---	---	---	62.5	---	51.5	---	---	114	---	---	---	---	---	---	---	---	---	---	---	167	---	---	114	25	50	
		---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	125	250	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	20	
	January-2024	---	---	---	83.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	73.2	---	---	---	---	---	---	25	50	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	74.5	---	---	---	---	---	---	---	10	20
	February-2024	---	---	95.5	---	---	---	---	---	---	60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
	March-2024	---	---	49 J	---	37 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	30.5 J	---	---	25	50	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50
		---	---	---	104	---	---	---	---	---	---	---	---	---	90.1	---	---	---	---	ND	---	---	---	---	---	---	5	10	
	May-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53.8	---	---	---	---	---	---	10	20	
	June-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50
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	July-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
	August-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
	September-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50
	October-2024	---	55.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5	1
		---	173	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.5	5
	November-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50
	December-2024	---	44.6	245	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	20
	January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50
February-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	20	
	---	271	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
March-2025	---	---	---	---	---	---	---	---	---	---	---	---	537000	---	---	---	---	---	---	---	---	---	---	---	---	---	24500	24500	
April-2025	---	90.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	20	
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	50	
September-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	100	
October-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	20	
November-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	100	
December-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	100	
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Historical LFG-EW Leachate Monitoring Results Summary

Well ID		EW-36A	EW-50	EW-51	EW-52	EW-53	EW-54	EW-55	EW-57	EW-58	EW-59	EW-60	EW-61	EW-62	EW-64	EW-65	EW-67	EW-68	EW-78	EW-82	EW-85	EW-87	EW-88	EW-89	EW-94	EW-98	LOD	LOQ	
Parameter	Monitoring Event	Concentration																											
Xylenes, Total	November-2022	---	---	---	---	---	---	---	---	---	ND	---	185	---	---	37.8	---	---	---	---	---	---	---	---	---	---	10	30	
	December-2022	---	161	---	222	---	---	---	186	---	ND	112	---	---	---	---	197	59.9	---	---	---	---	---	---	---	---	10	30	
	January-2023	---	138	---	---	---	---	---	---	ND	134	---	---	---	---	---	38.1	---	---	---	---	---	---	---	---	---	10	30	
	February-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	240	---	---	---	---	---	---	---	---	10	30	
	March-2023	---	---	---	---	---	---	---	---	240	111	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	30	
	April-2023	---	---	---	---	---	---	---	---	329	---	97.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	30	
	May-2023	---	274	---	---	---	---	---	---	441	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	150	
	June-2023	---	---	---	---	---	---	---	---	---	177	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	60	
		---	---	---	---	---	---	---	---	---	---	---	92 J	---	136 J	---	---	---	---	---	---	---	---	---	---	---	50	150	
	July-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1130	10	30	
		---	257	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	74.4	---	---	---	---	---	---	---	20	60	
	August-2023	---	---	---	---	---	---	---	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	174	50	150	
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	September-2023	---	---	---	---	---	180	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	50	150	
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	October-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	250	750	
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30.6	---	---	---	---	---	---	5	15	
	November-2023	---	---	---	---	---	---	134 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328	---	---	---	50	150	
		---	56	---	---	---	---	---	---	---	---	---	---	---	48	---	---	---	---	---	---	---	---	---	---	---	5	15	
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	December-2023	---	---	---	---	116 J	---	104 J	---	---	132 J	---	---	---	---	---	---	---	---	---	---	---	306	---	---	---	138 J	50	150
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	January-2024	---	---	---	224	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	50	150	
	February-2024	---	---	142 J	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	534	50	150	
	March-2024	---	---	63 J	---	59 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	---	ND	---	---	50	150	
	April-2024	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1360	50	150
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	May-2024	---	---	---	140 J	---	---	---	---	---	---	---	---	---	---	---	---	---	352	---	---	---	---	---	---	---	50	150	
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	August-2024	---	---	---	---	---	72.5 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	150	
	September-2024	---	---	---	90.5 J	---	120 J	---	---	---	---	---	---	---	---	---	---	---	368	---	---	---	---	---	---	---	50	150	
	October-2024	54.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	
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November-2024	---	---	---	144 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	75.5 J	---	---	---	---	---	---	50	150	
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December-2024	---	---	---	98.5 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	487	50	150	
January-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	82 J	---	---	---	---	---	50	150	
February-2025	---	267	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	60	
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March-2025	---	108 J	---	---	---	---	---	---	---	---	---	386	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24500	24500	
April-2025	---	---	---	---	---	---	---	---	---	---	---	87.5 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	150	
May-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	150	
June-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29.6 J	---	---	---	---	---	---	---	20	60	
July-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	150	
August-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	150	
September-2025	---	163 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	300	
October-2025	---	62.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	60	
November-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	300	
December-2025	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	300	
February-2026	---	193	---	---	---	---	---	---	---	---	---	---	22.2 J	---	---	---	---	---	---	---	---	---	---	---	---	---	8.76	60	

J = Parameter was detected at a concentration greater than the laboratory's LOD, but less than the laboratory's LOQ. Concentration is considered estimated.

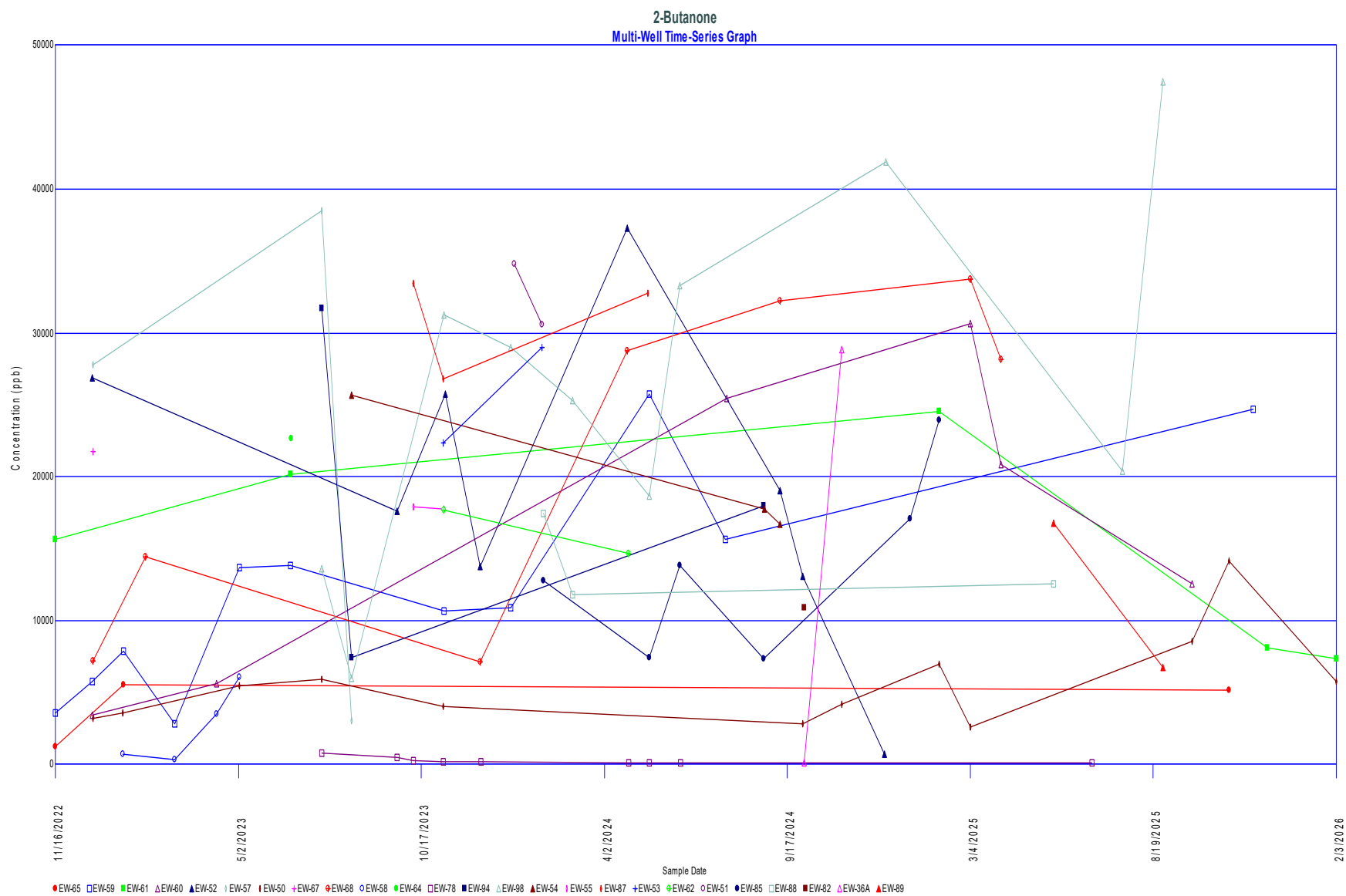
LOD = laboratory's Limit of Detection

LOQ = laboratory's Limit of Quantitation

mg/L = milligrams per liter

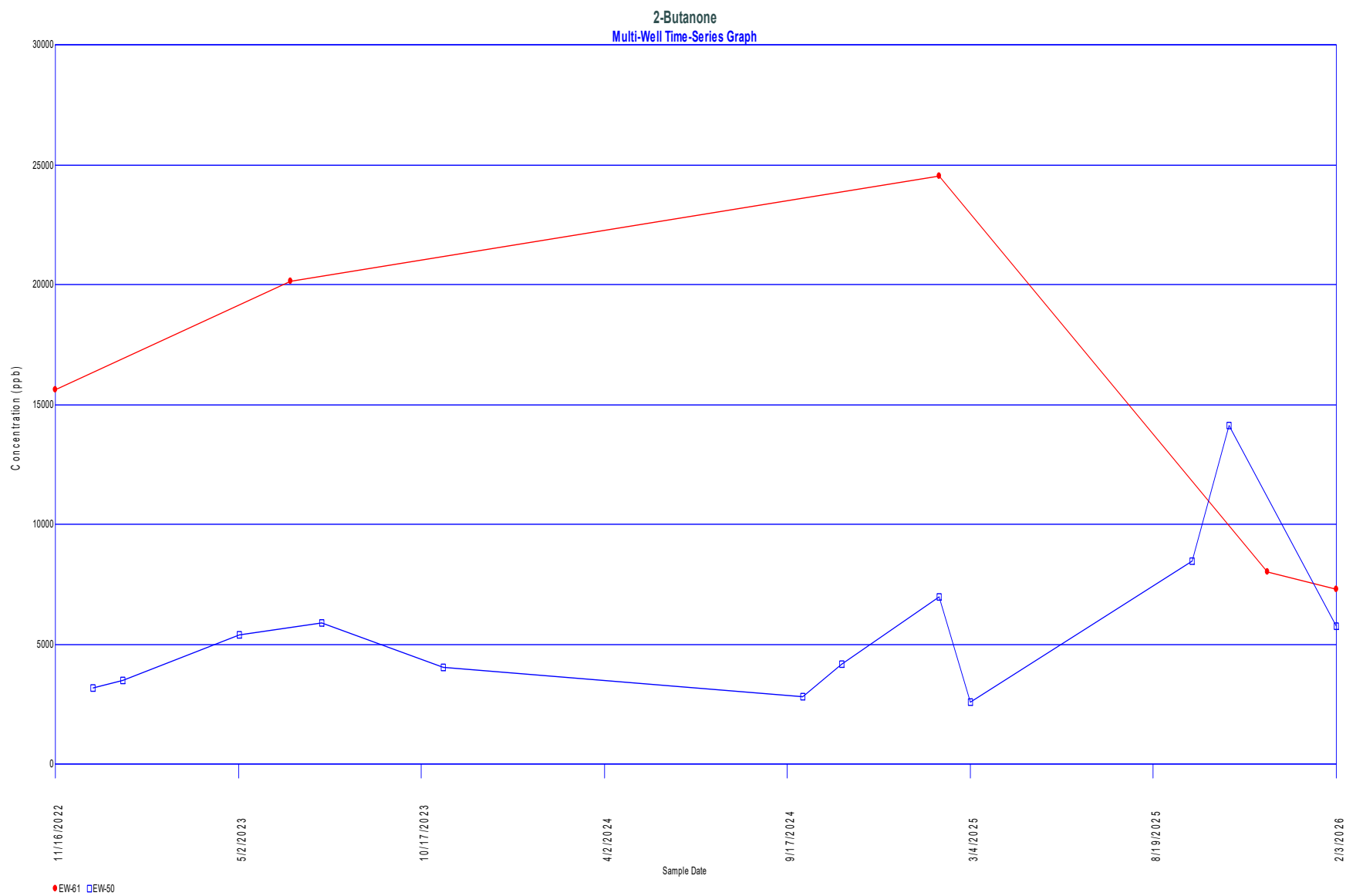
ND = Not Detected

ug/L = micrograms per liter



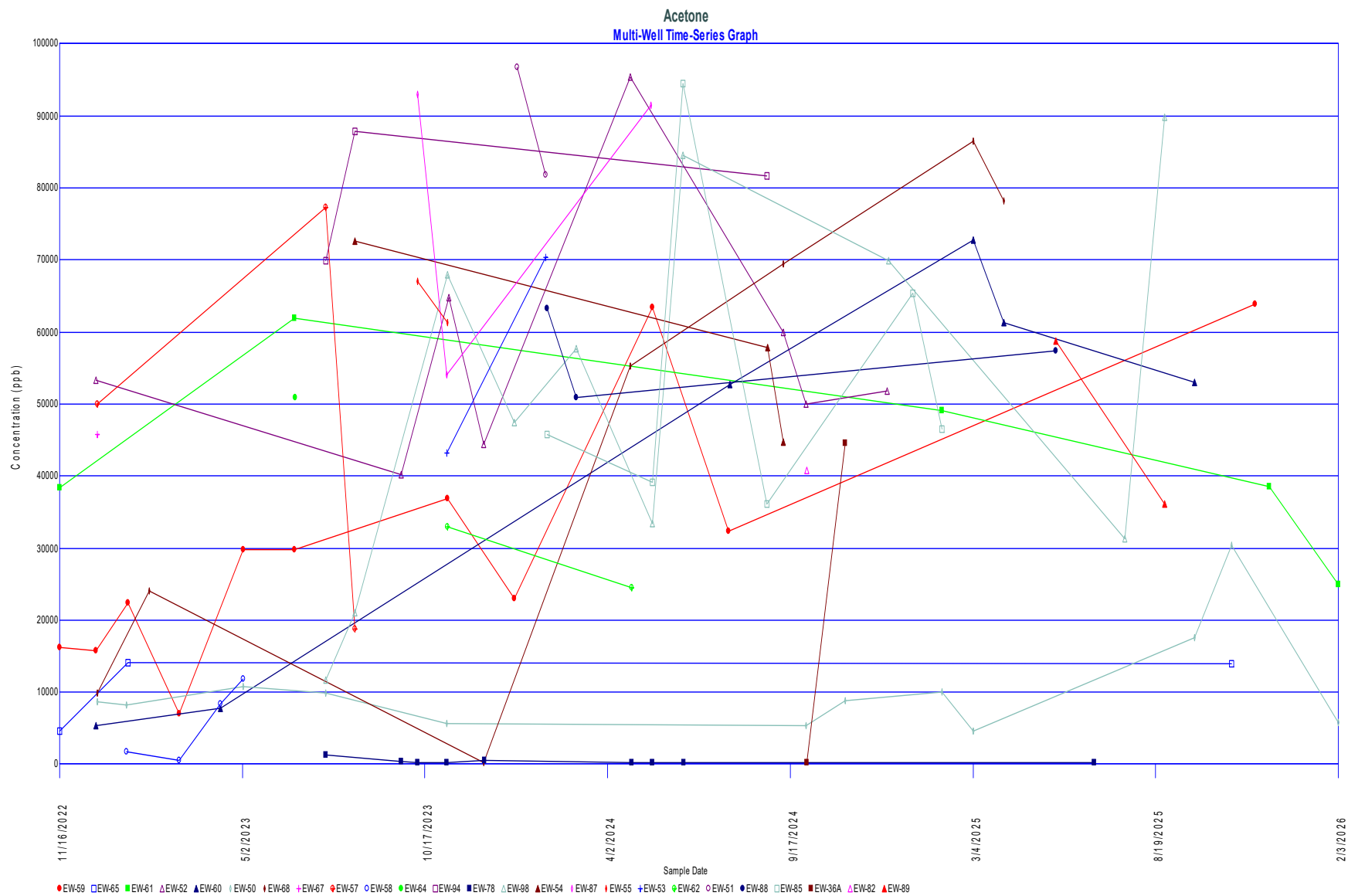
Multiple Wells

2-Butanone



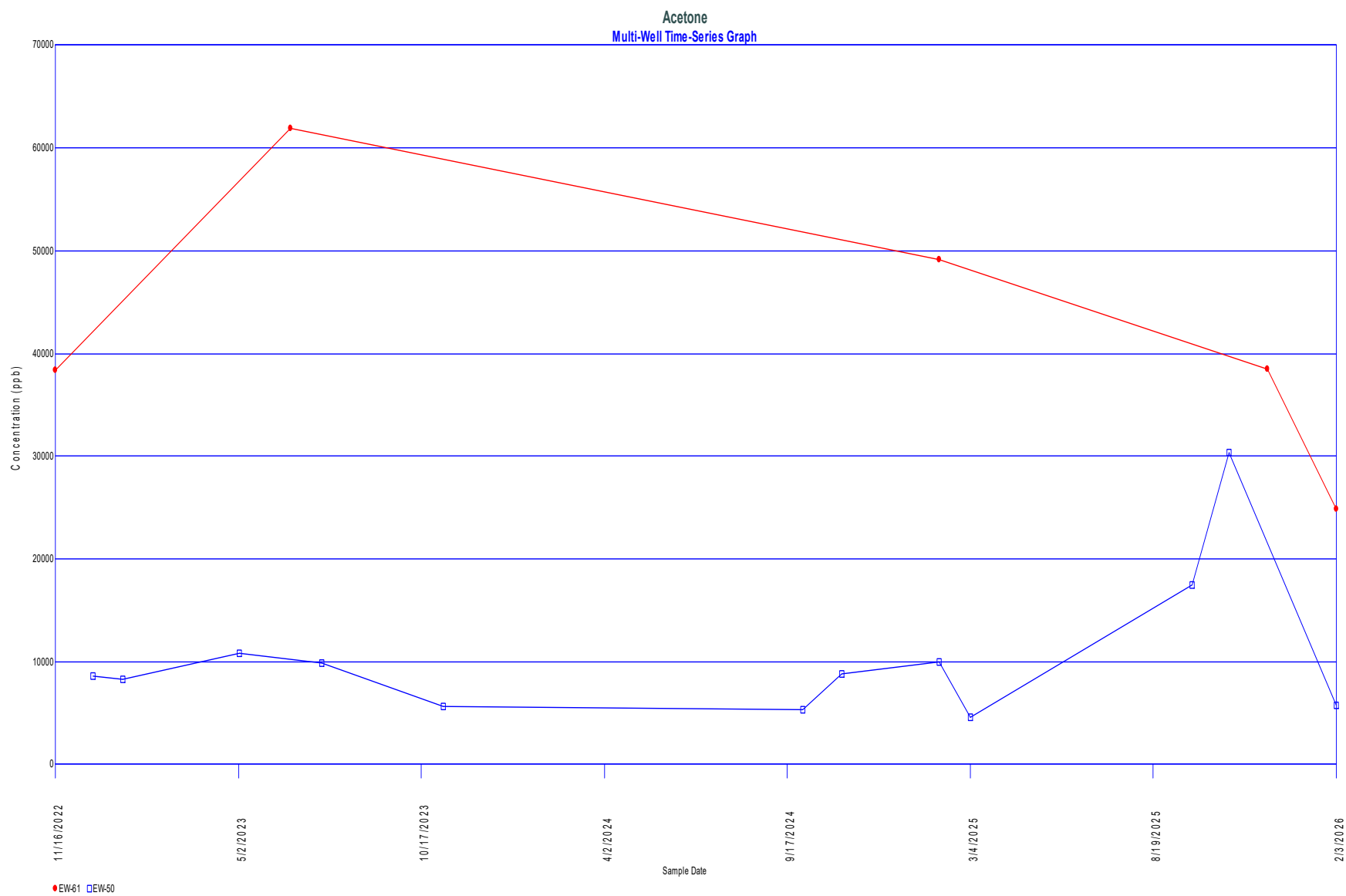
Multiple Wells

2-Butanone



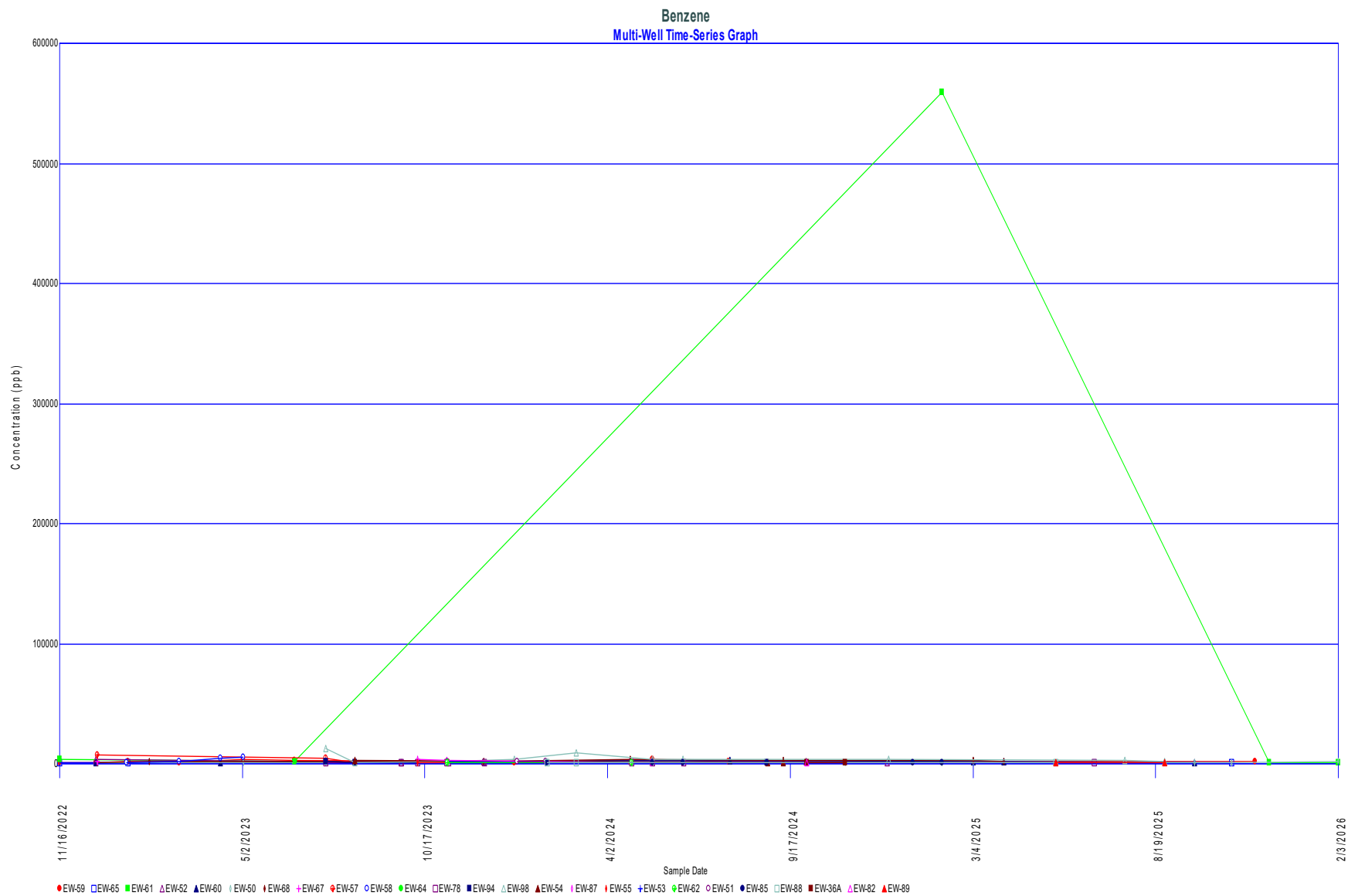
Multiple Wells

Acetone



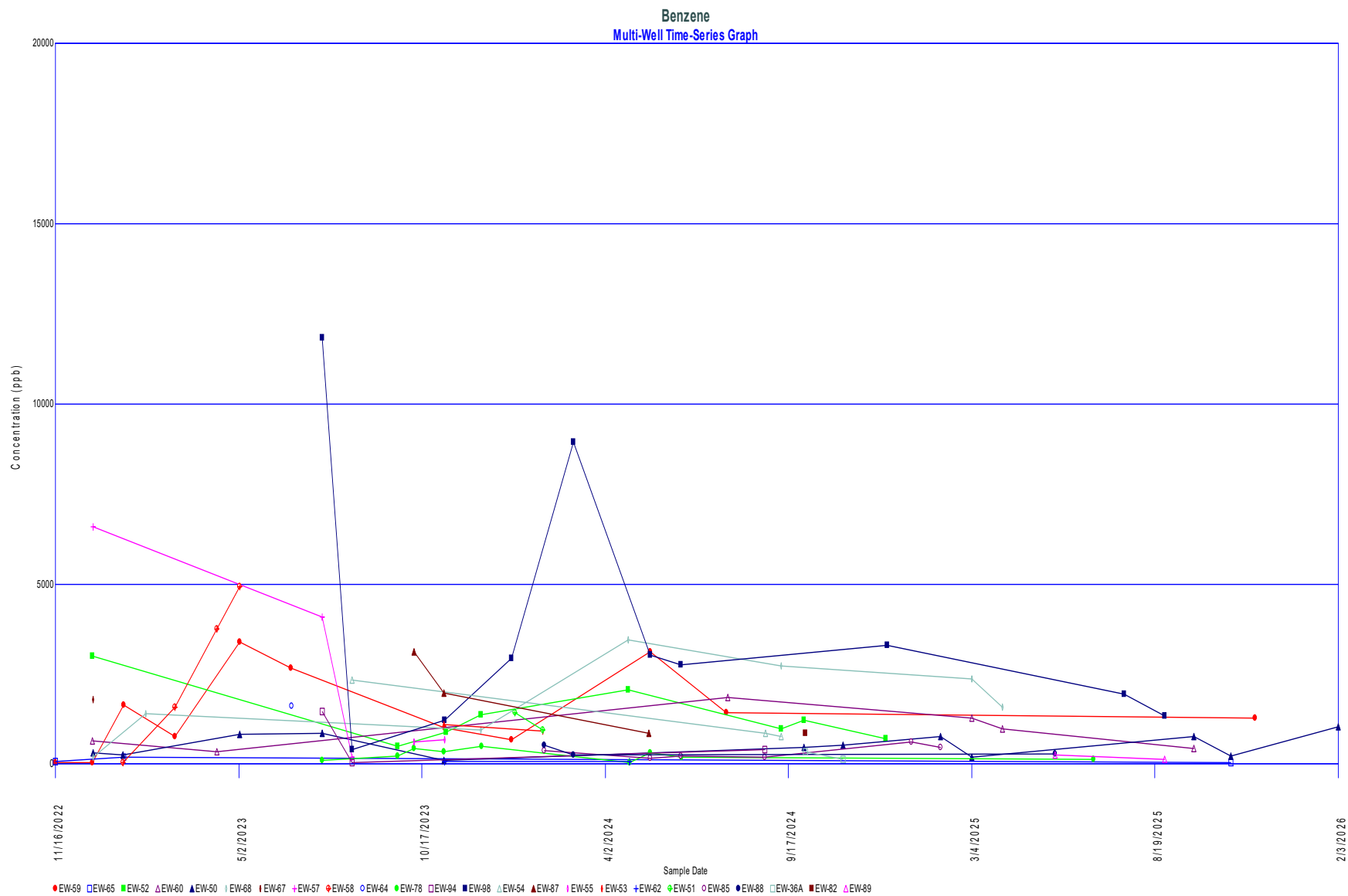
Multiple Wells

Acetone



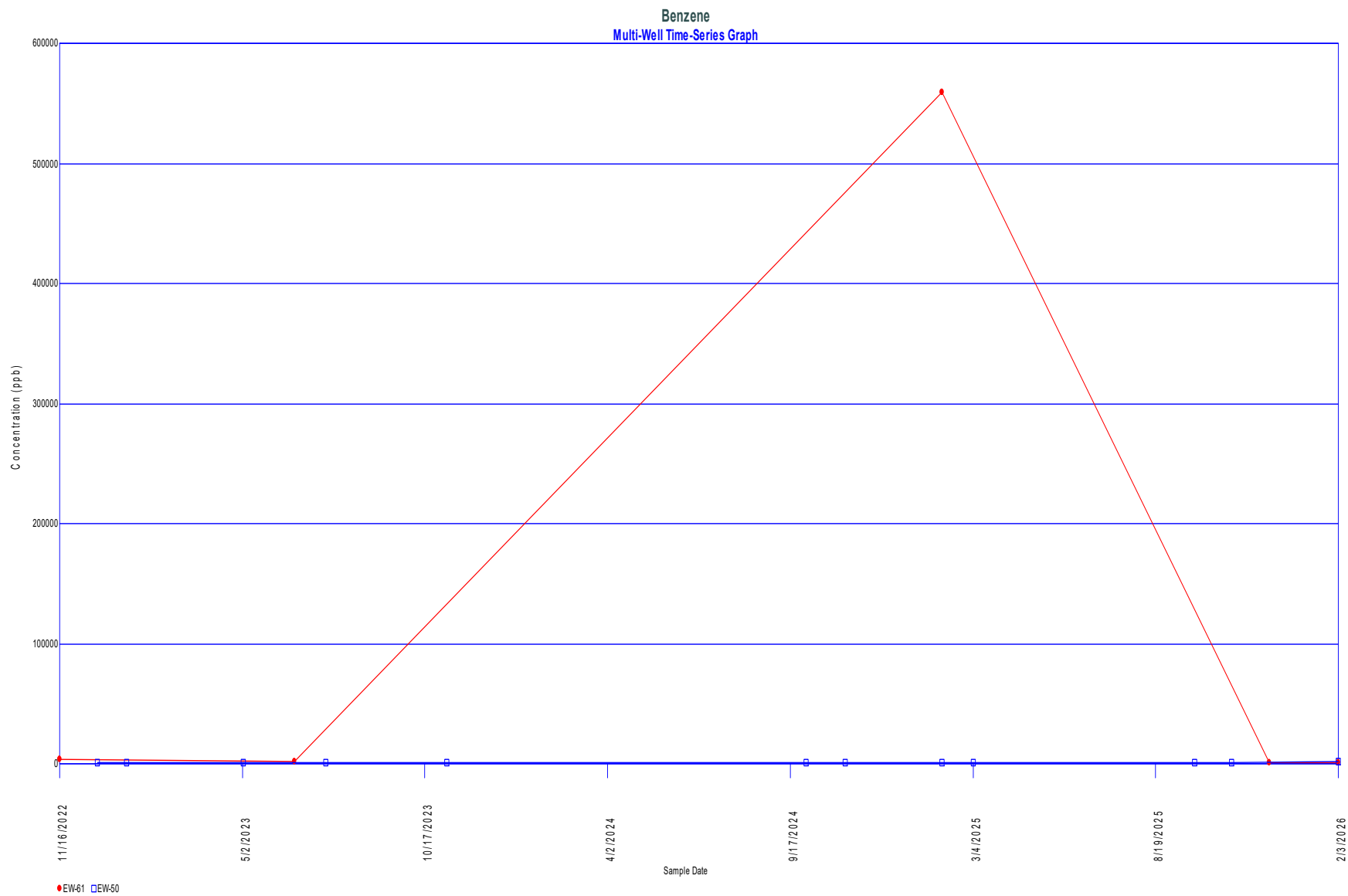
Multiple Wells

Benzene



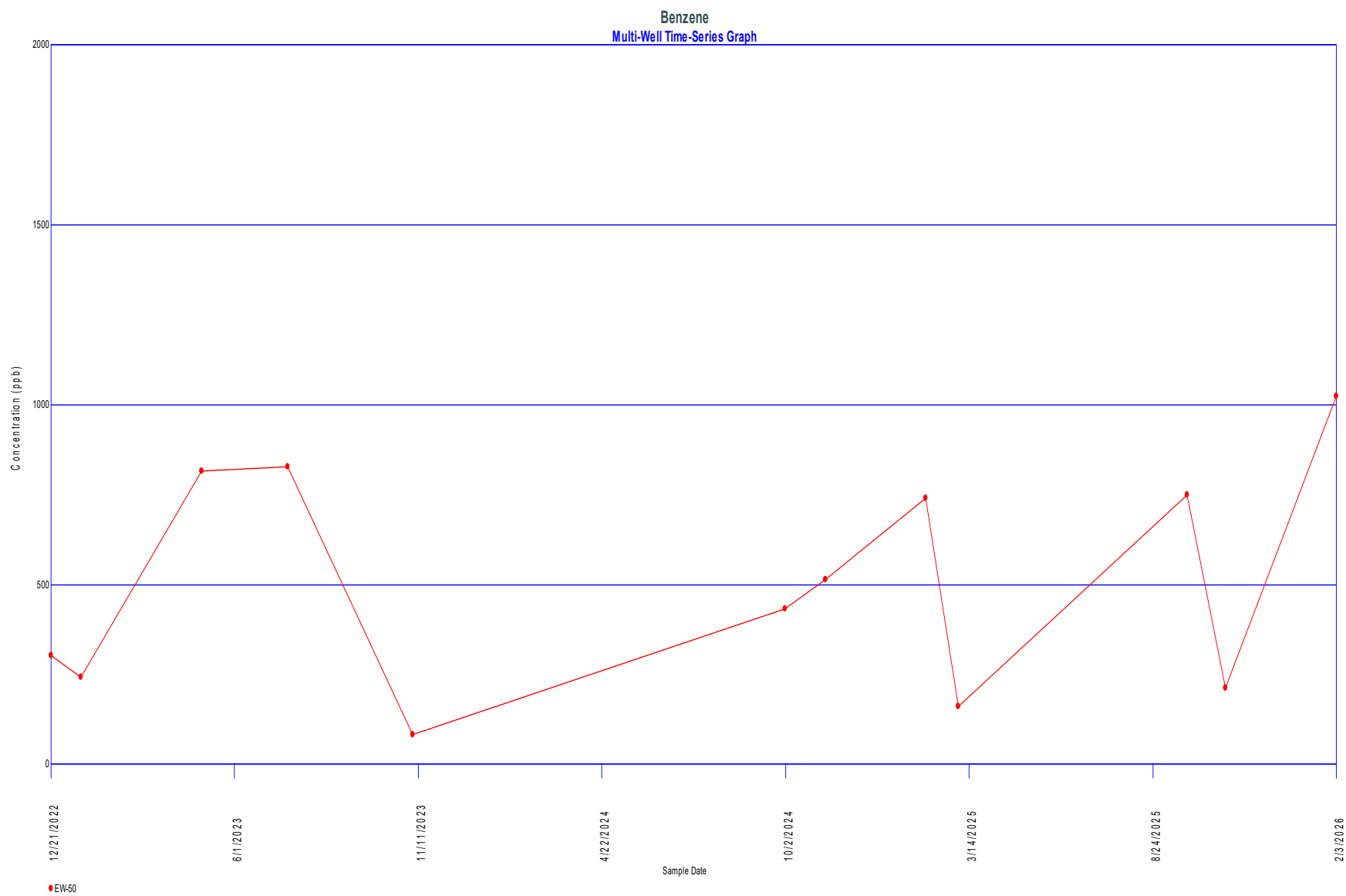
Multiple Wells

Benzene



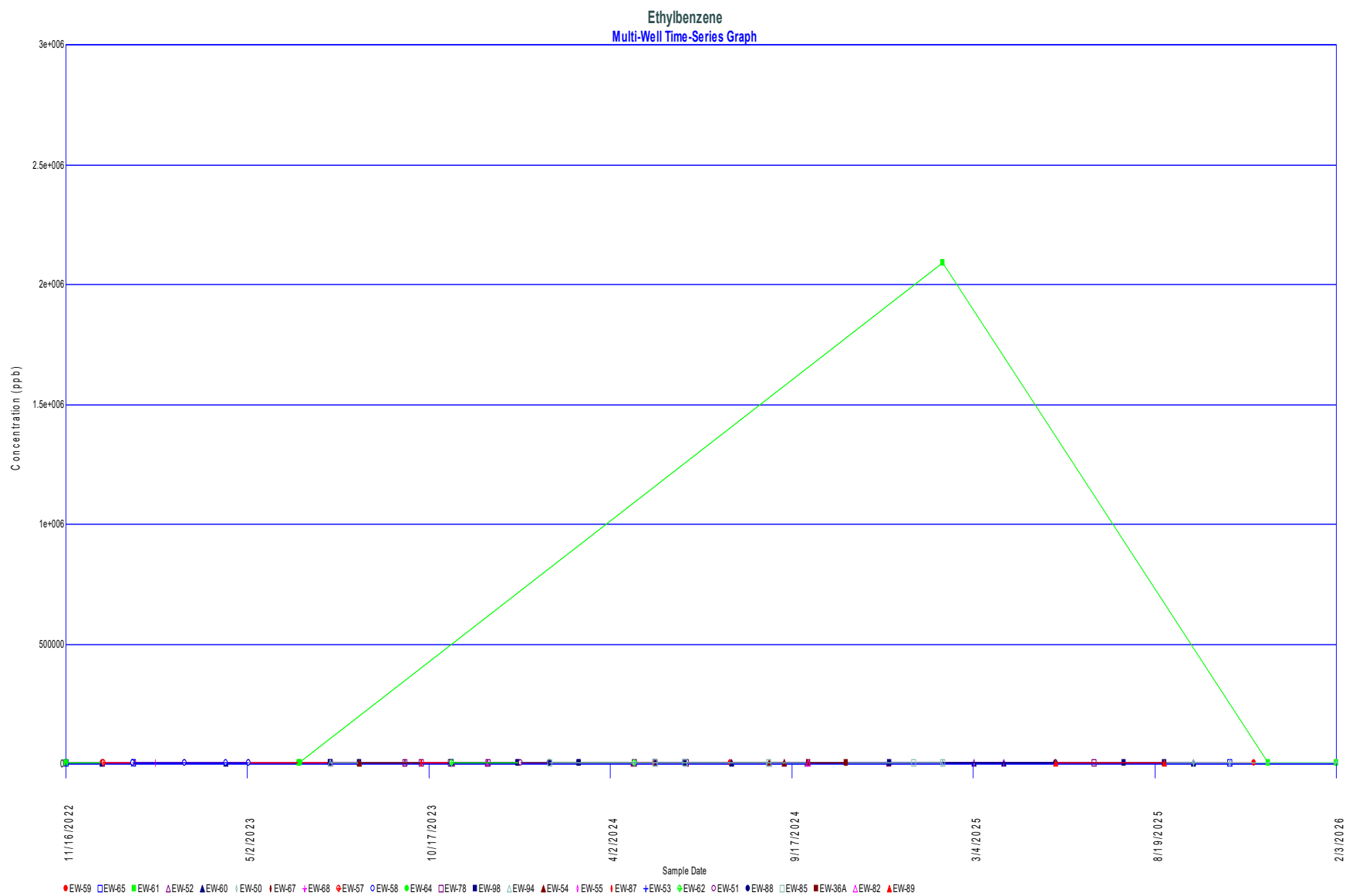
Multiple Wells

Benzene



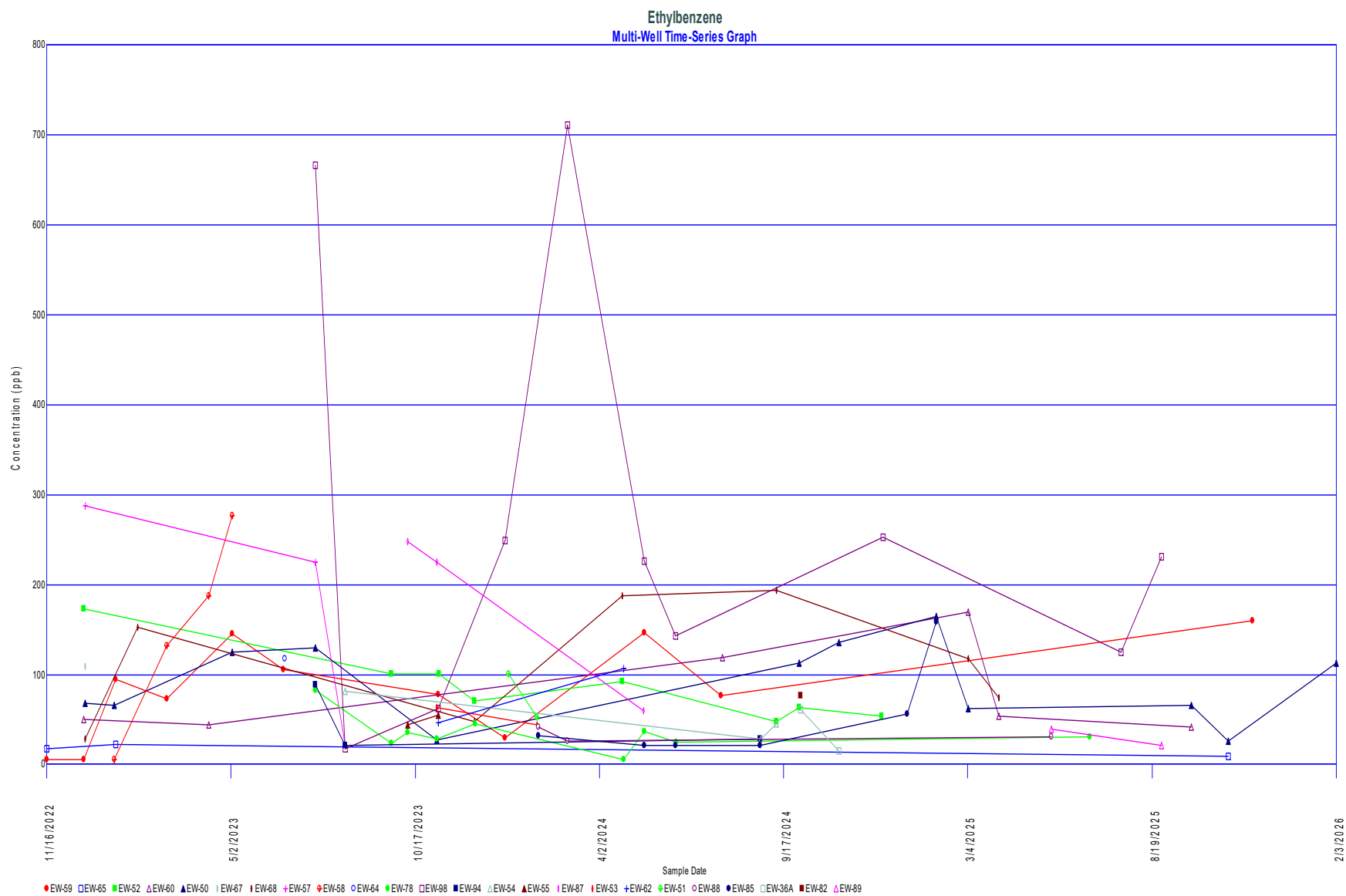
Multiple Wells

Benzene



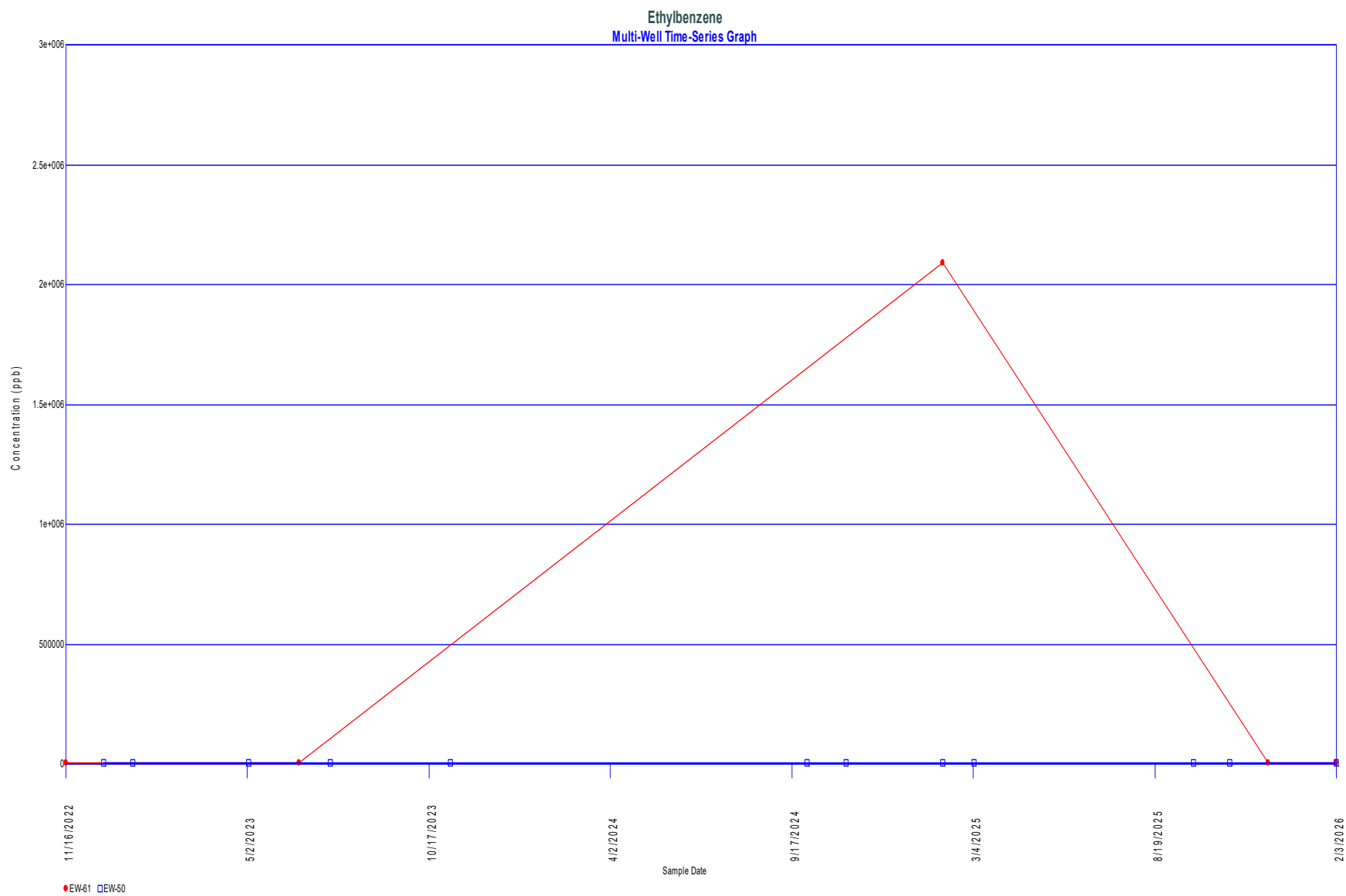
Multiple Wells

Ethylbenzene



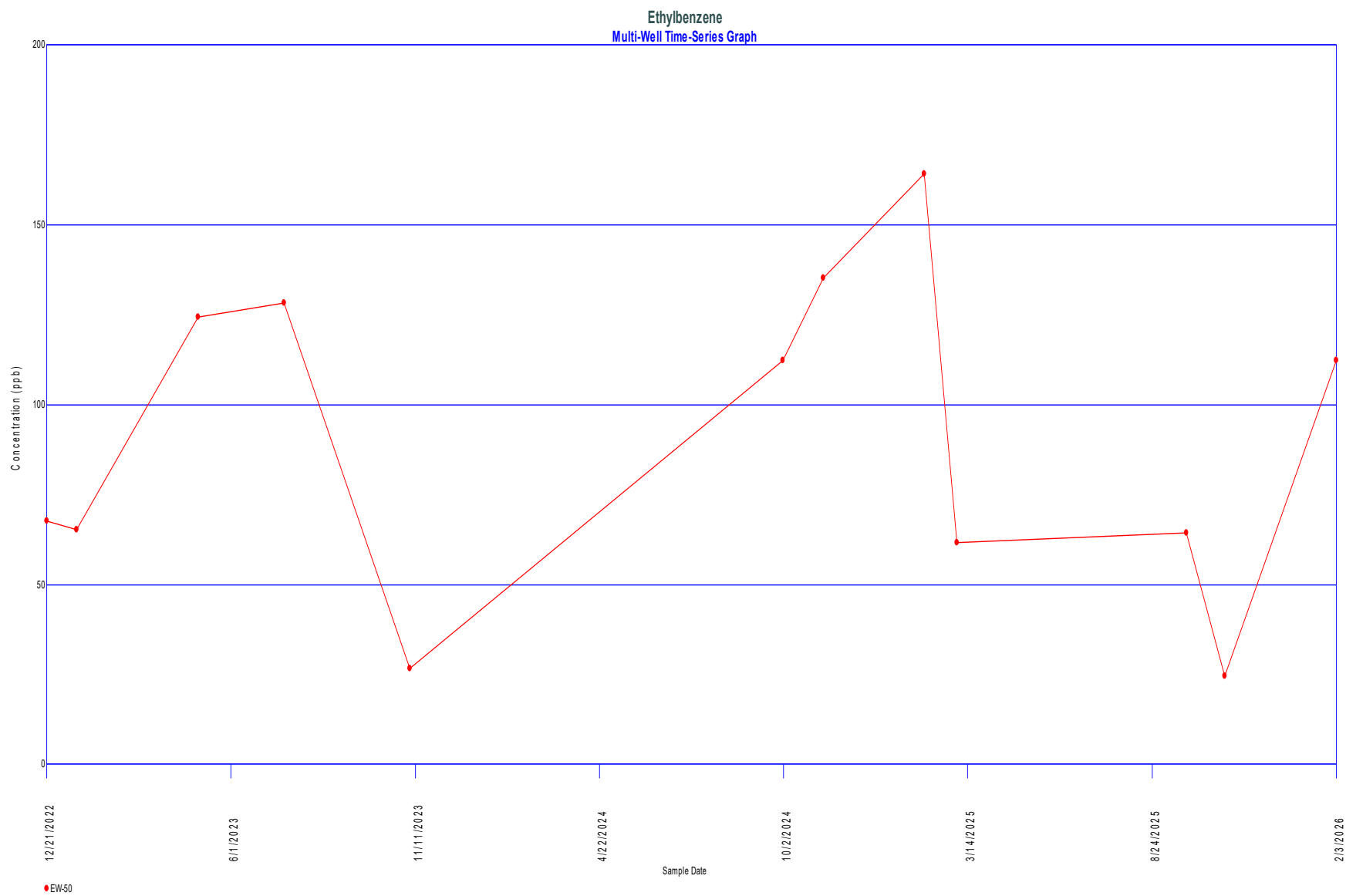
Multiple Wells

Ethylbenzene



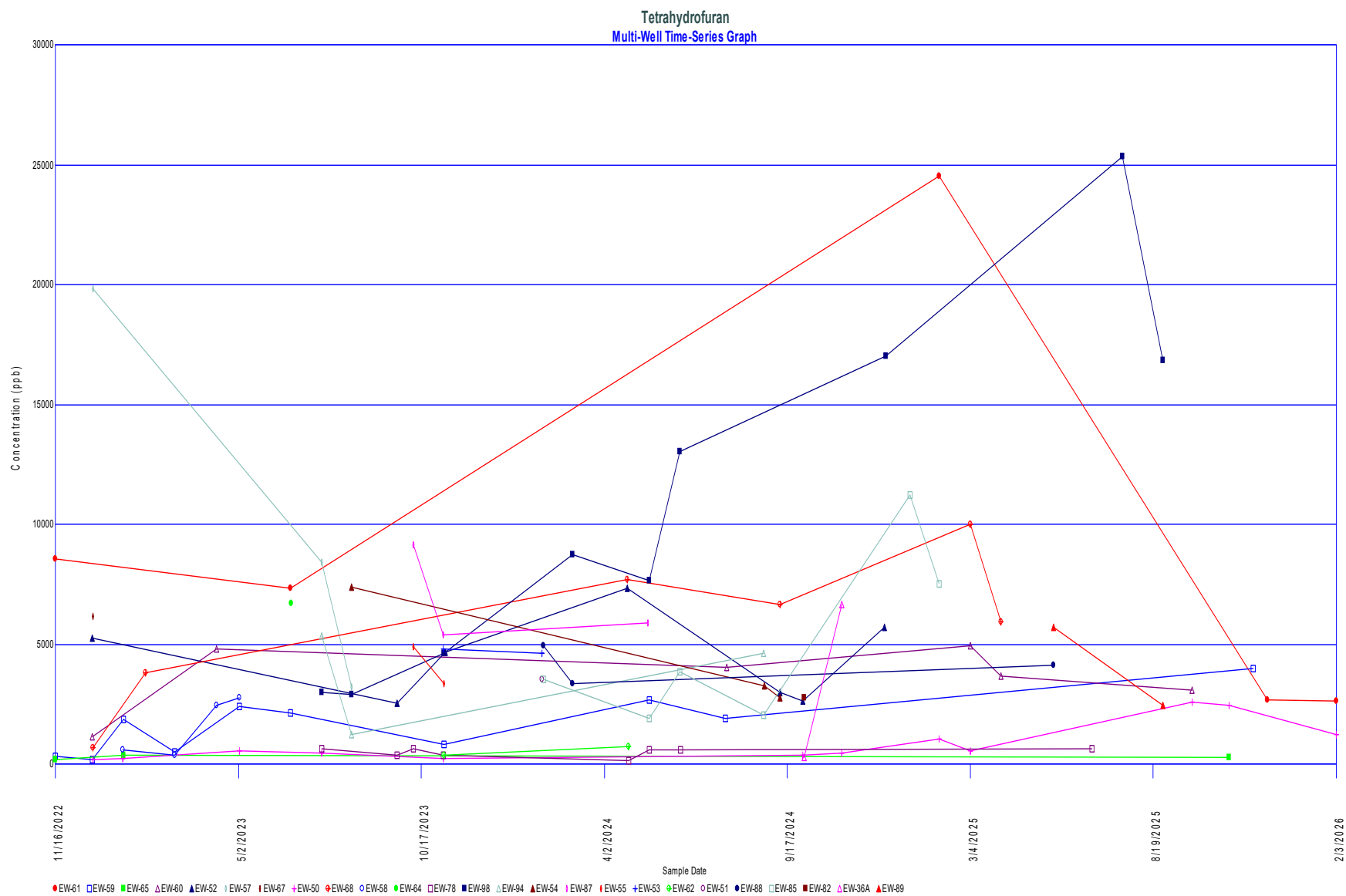
Multiple Wells

Ethylbenzene



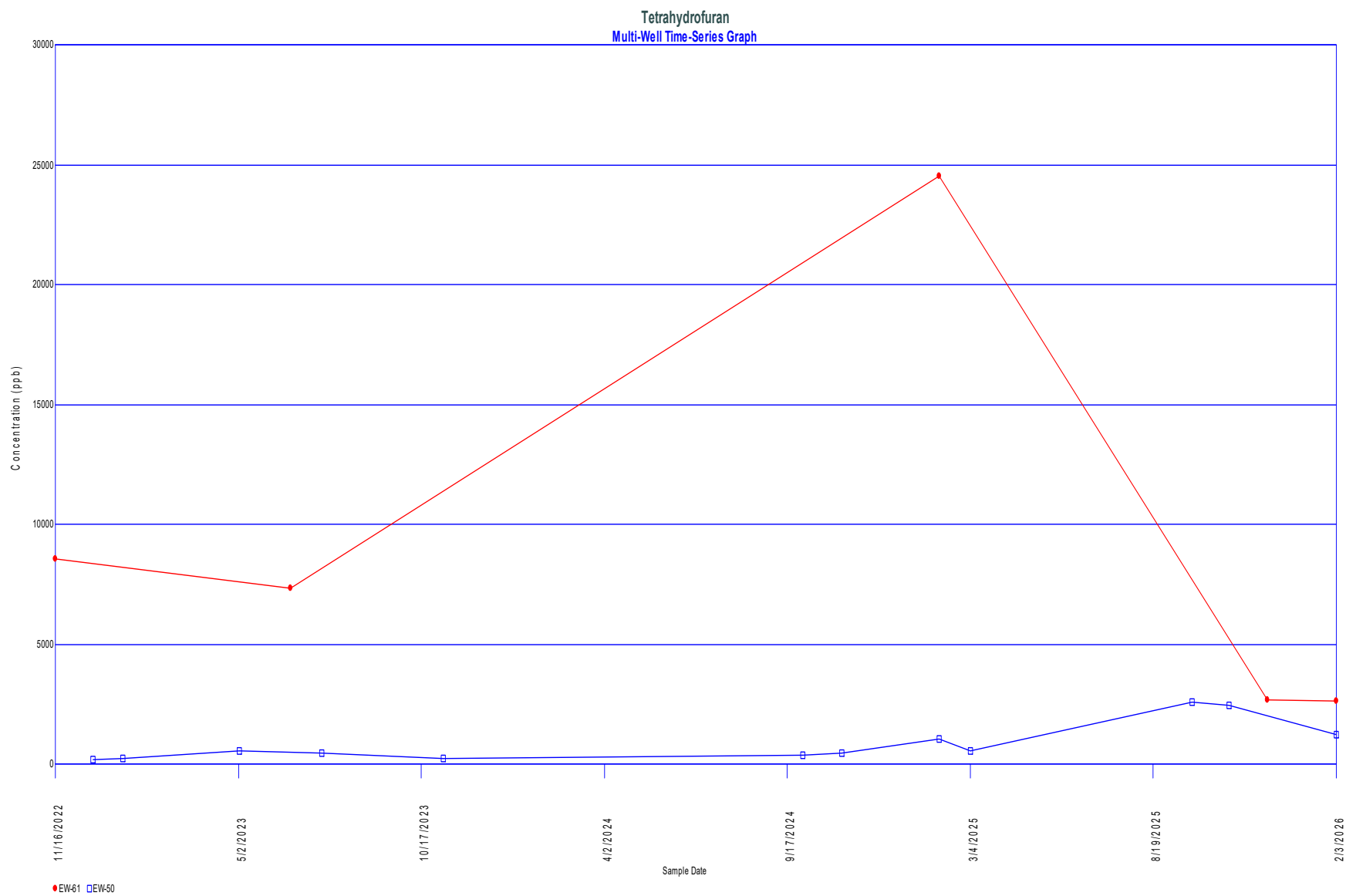
Multiple Wells

Ethylbenzene



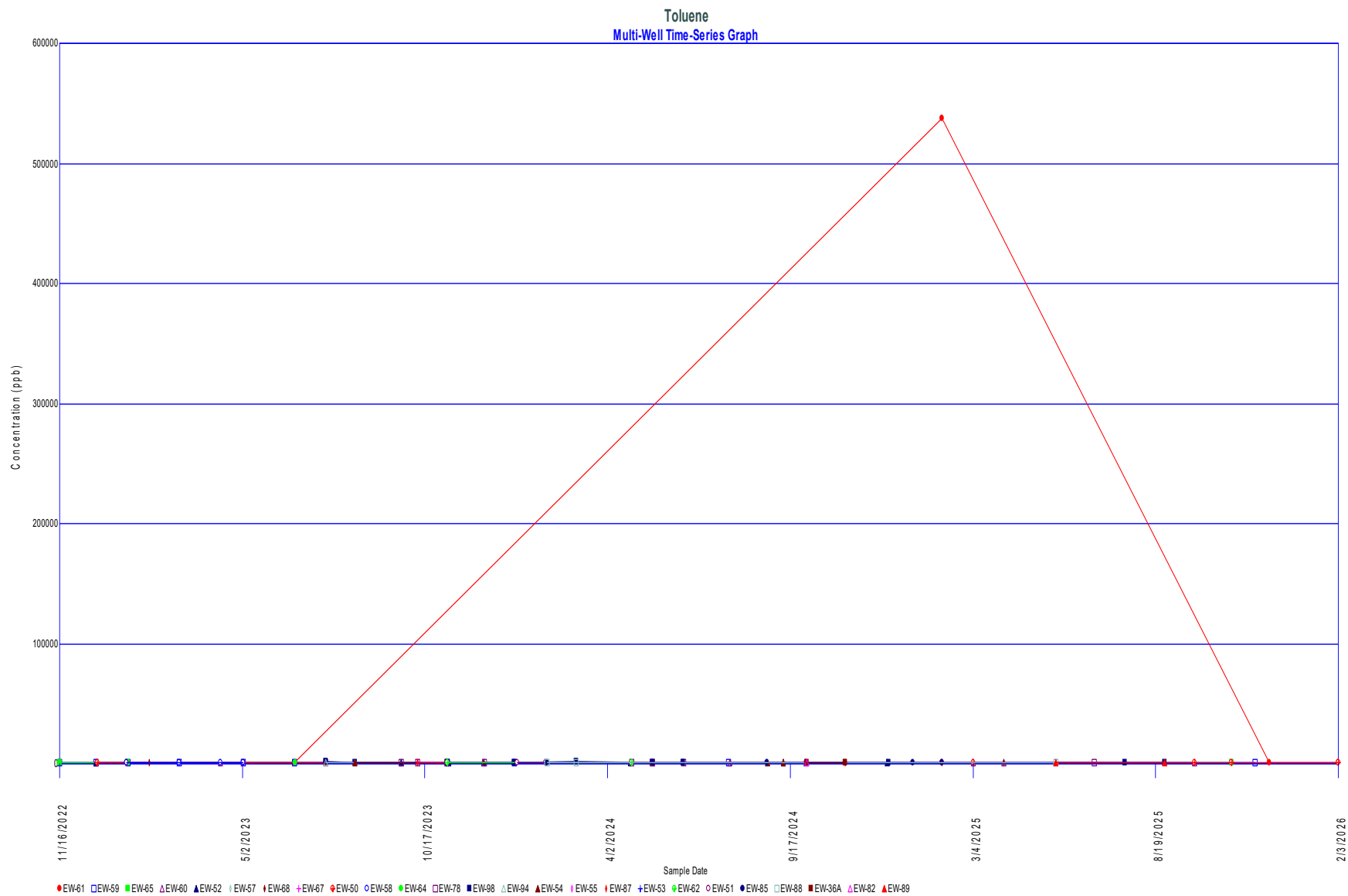
Multiple Wells

Tetrahydrofuran



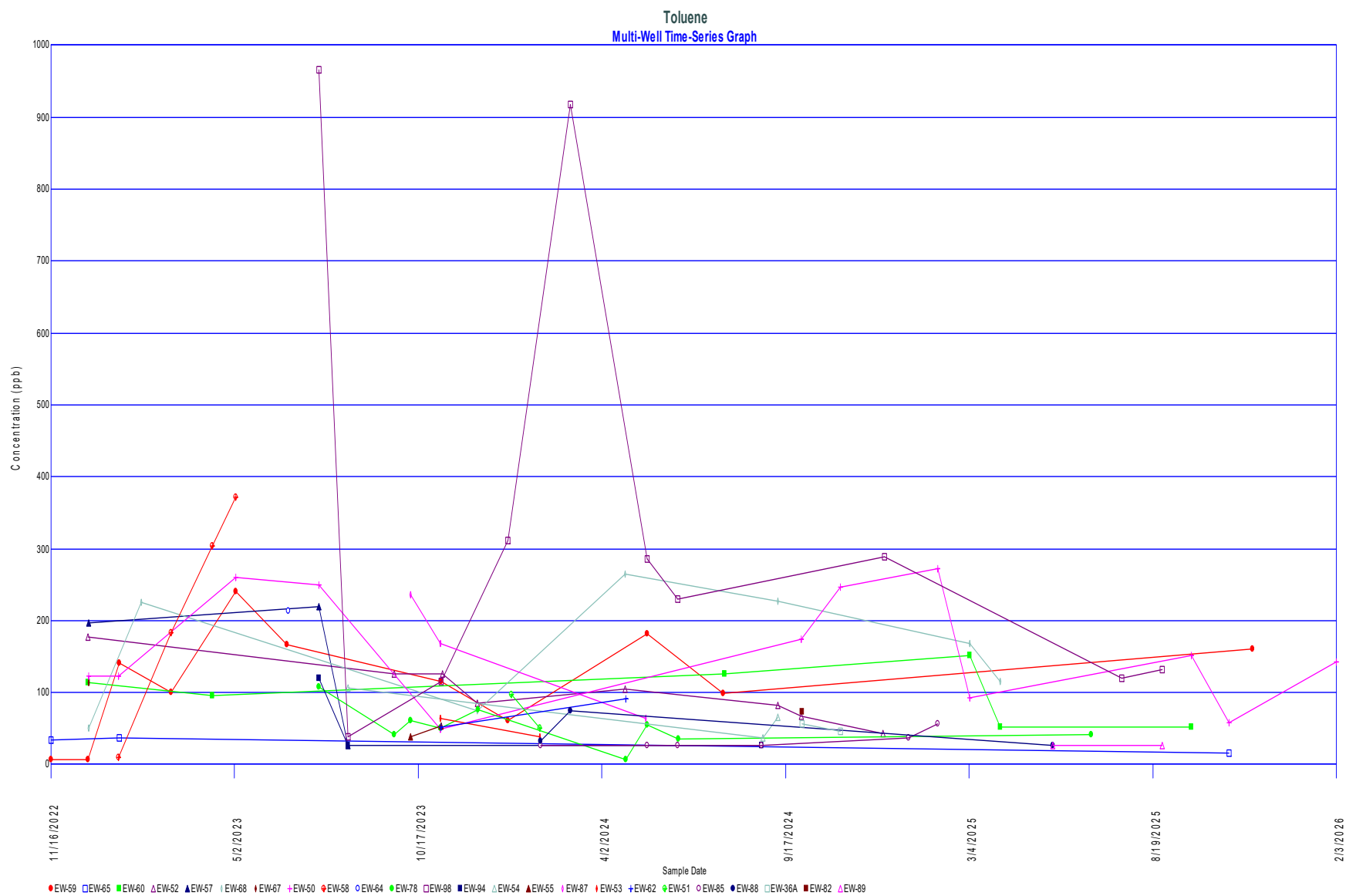
Multiple Wells

Tetrahydrofuran



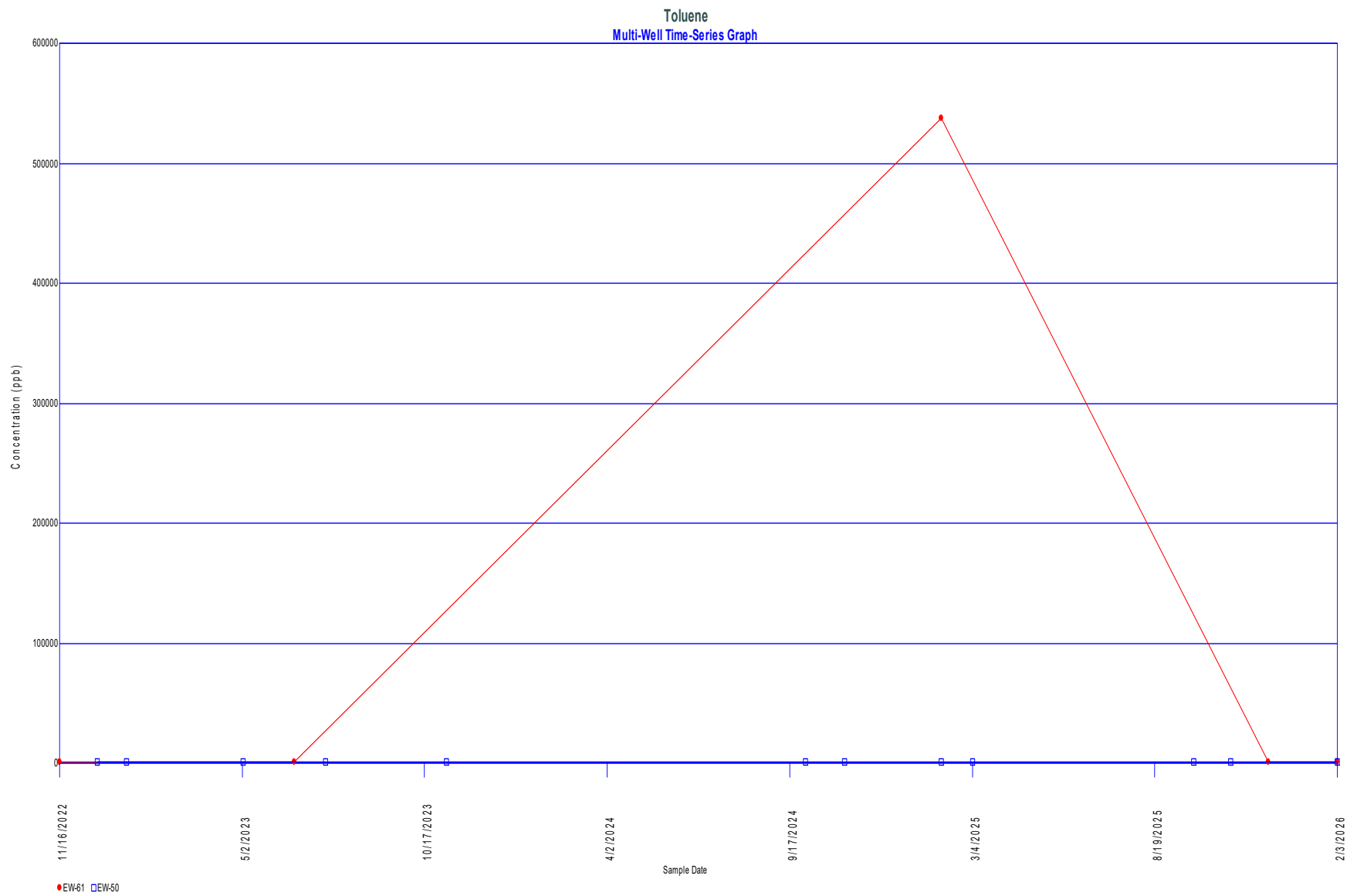
Multiple Wells

Toluene



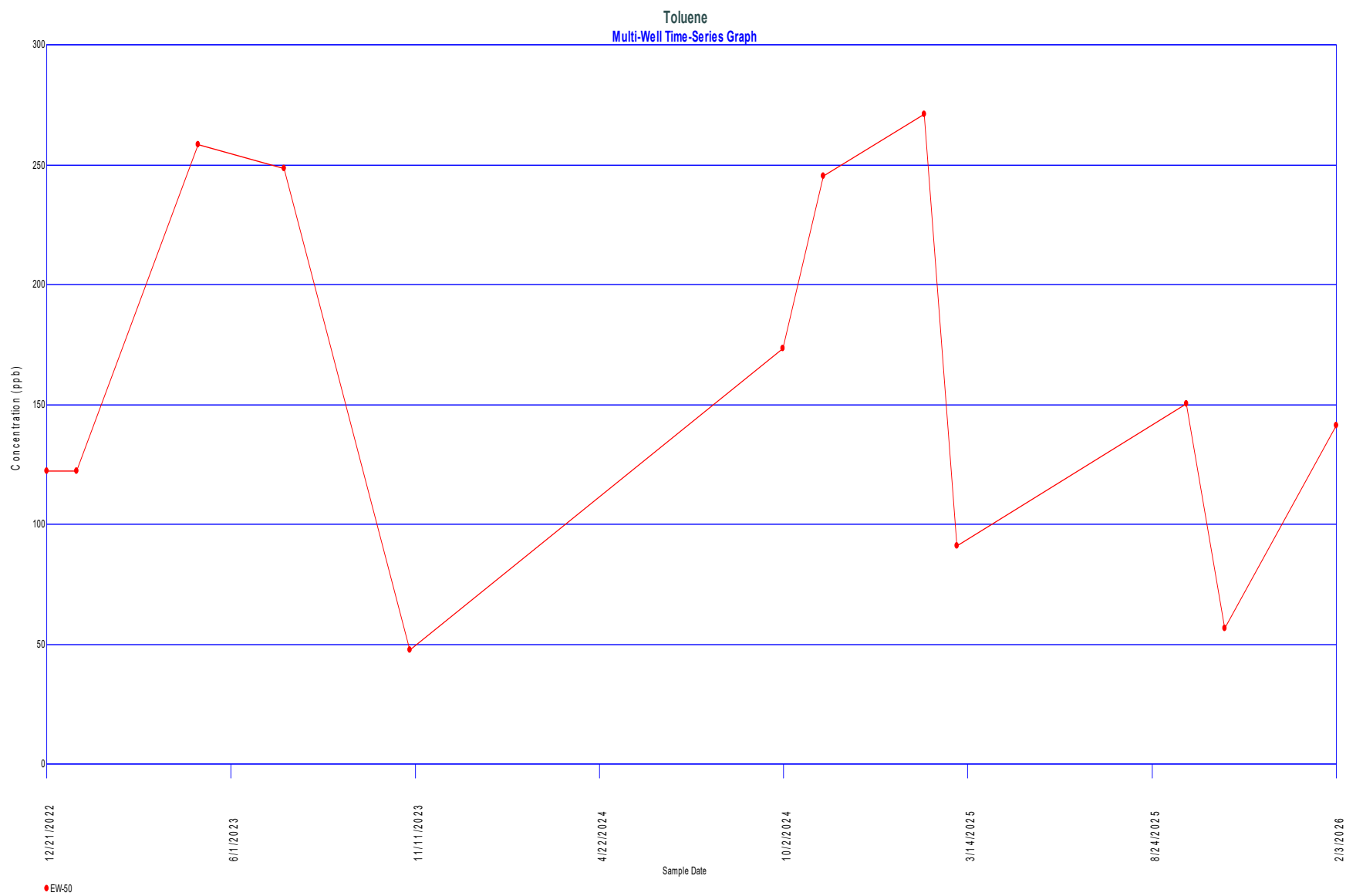
Multiple Wells

Toluene



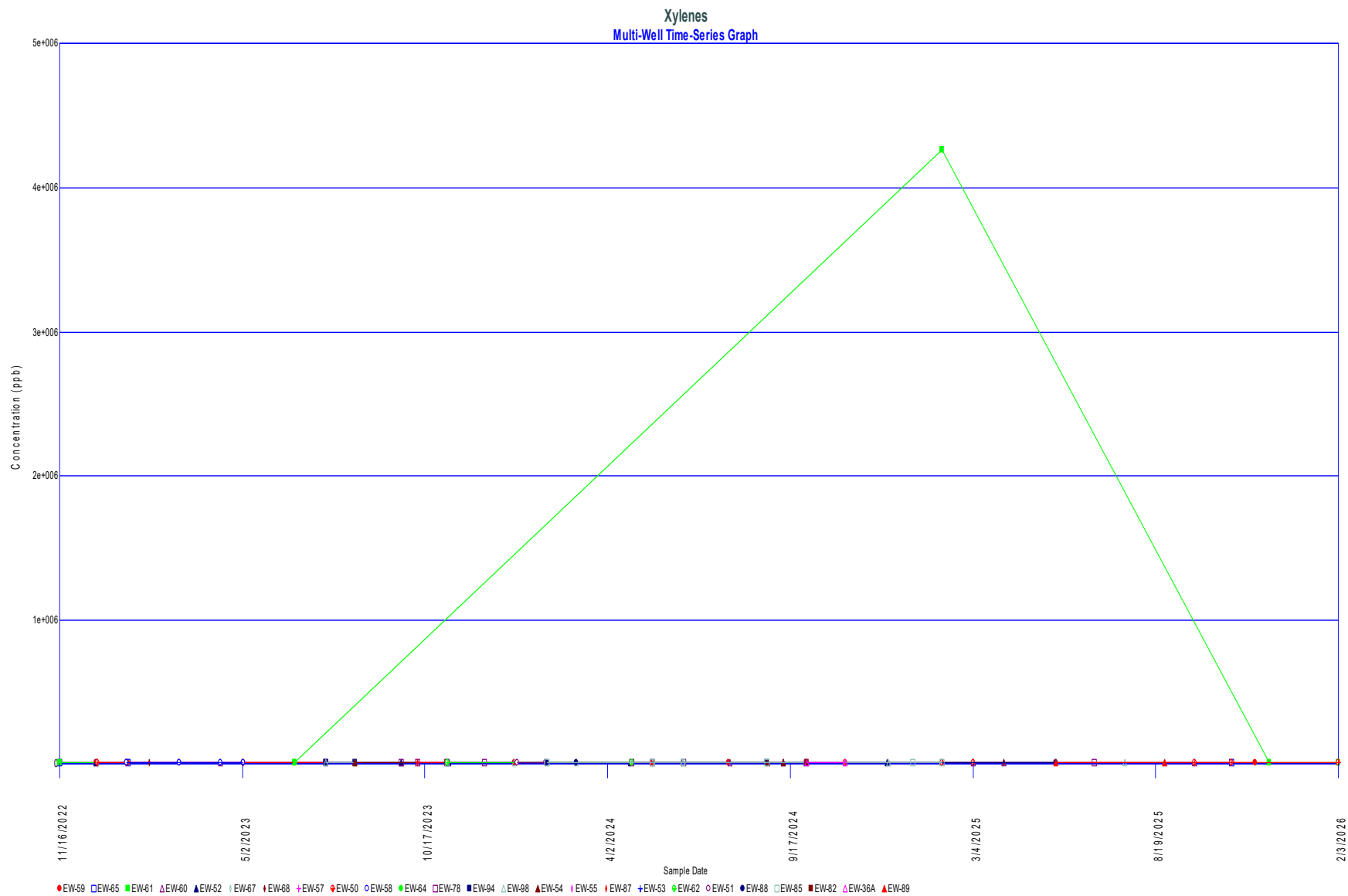
Multiple Wells

Toluene



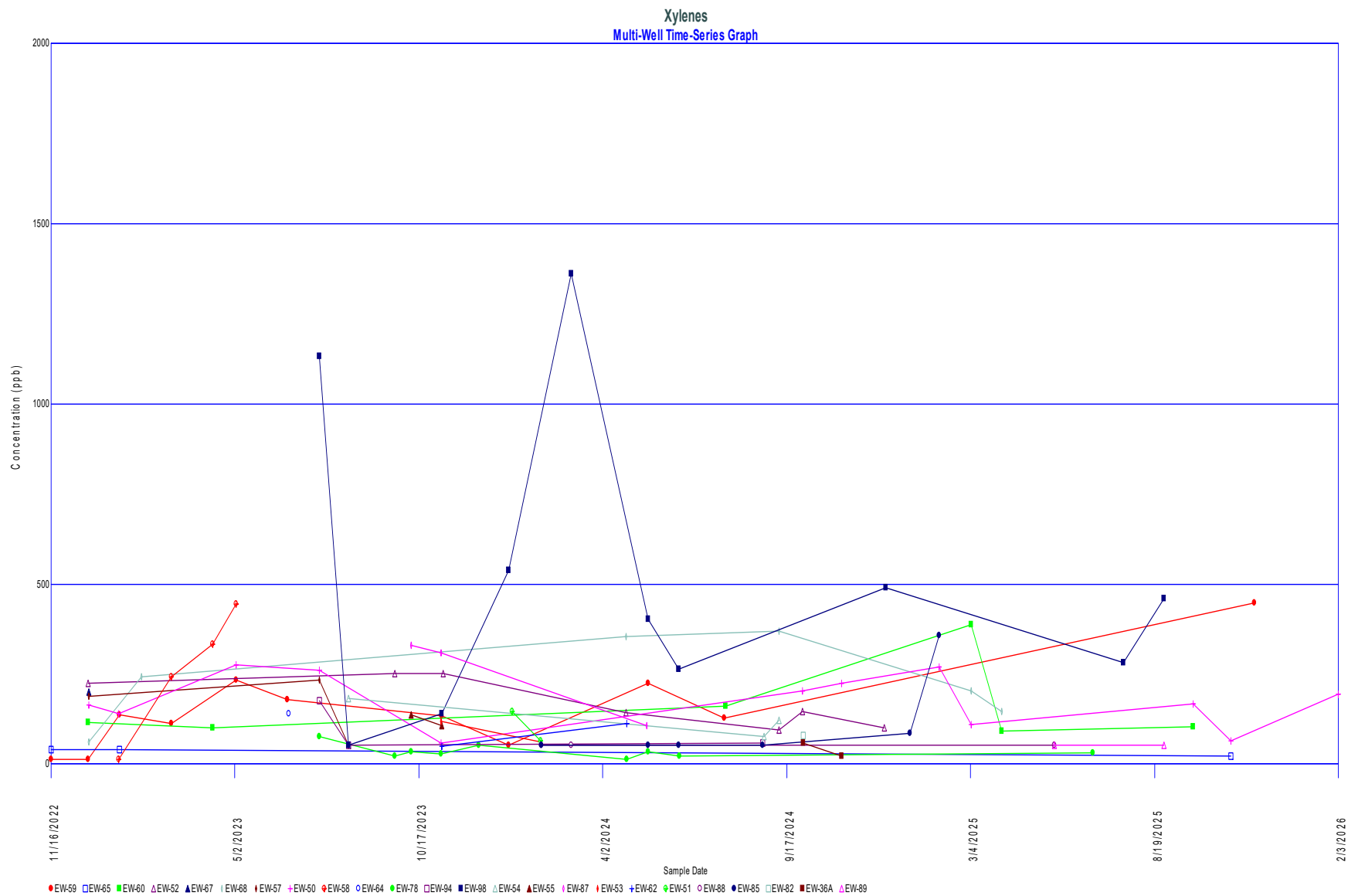
Multiple Wells

Toluene



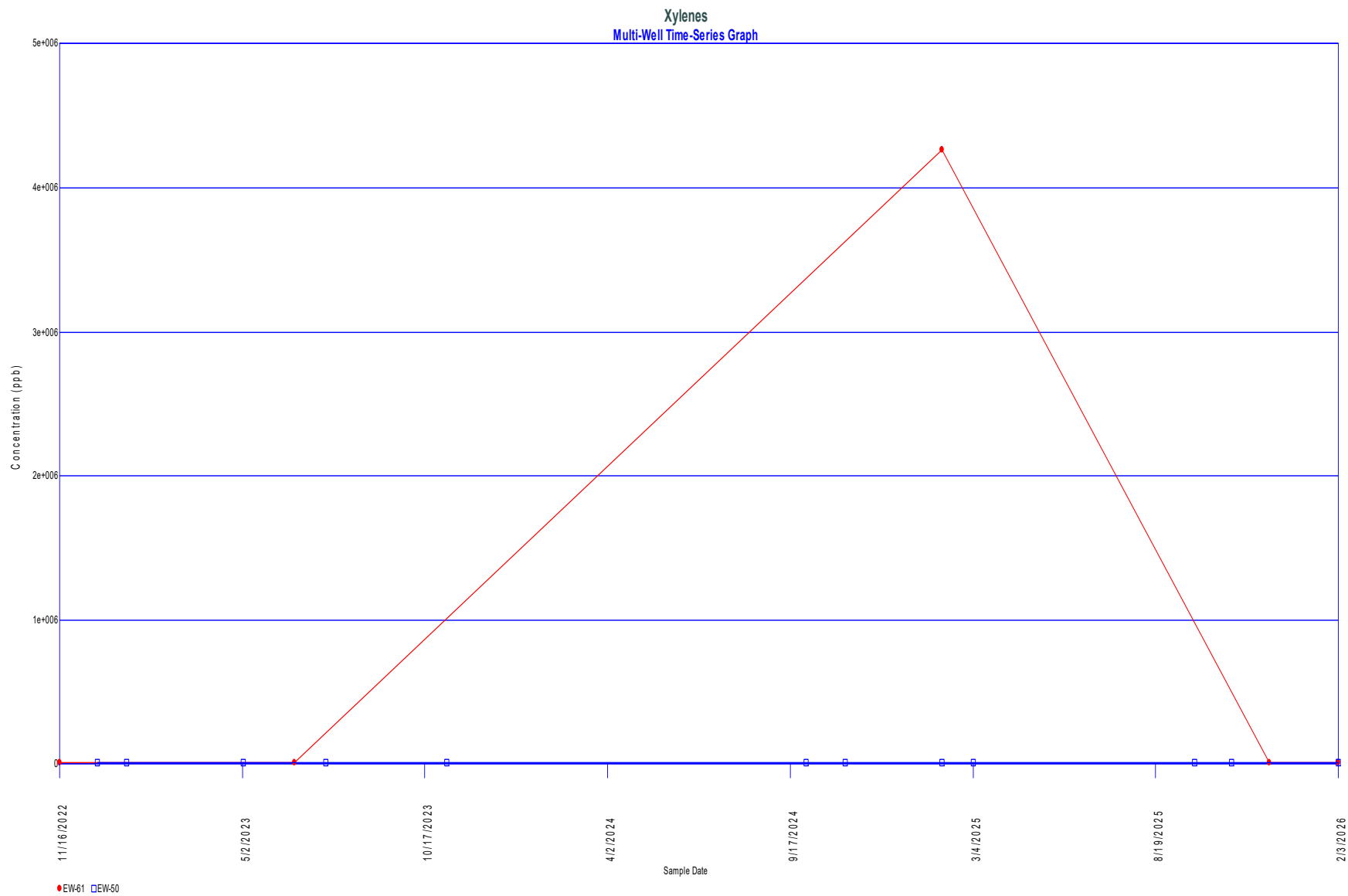
Multiple Wells

Xylenes



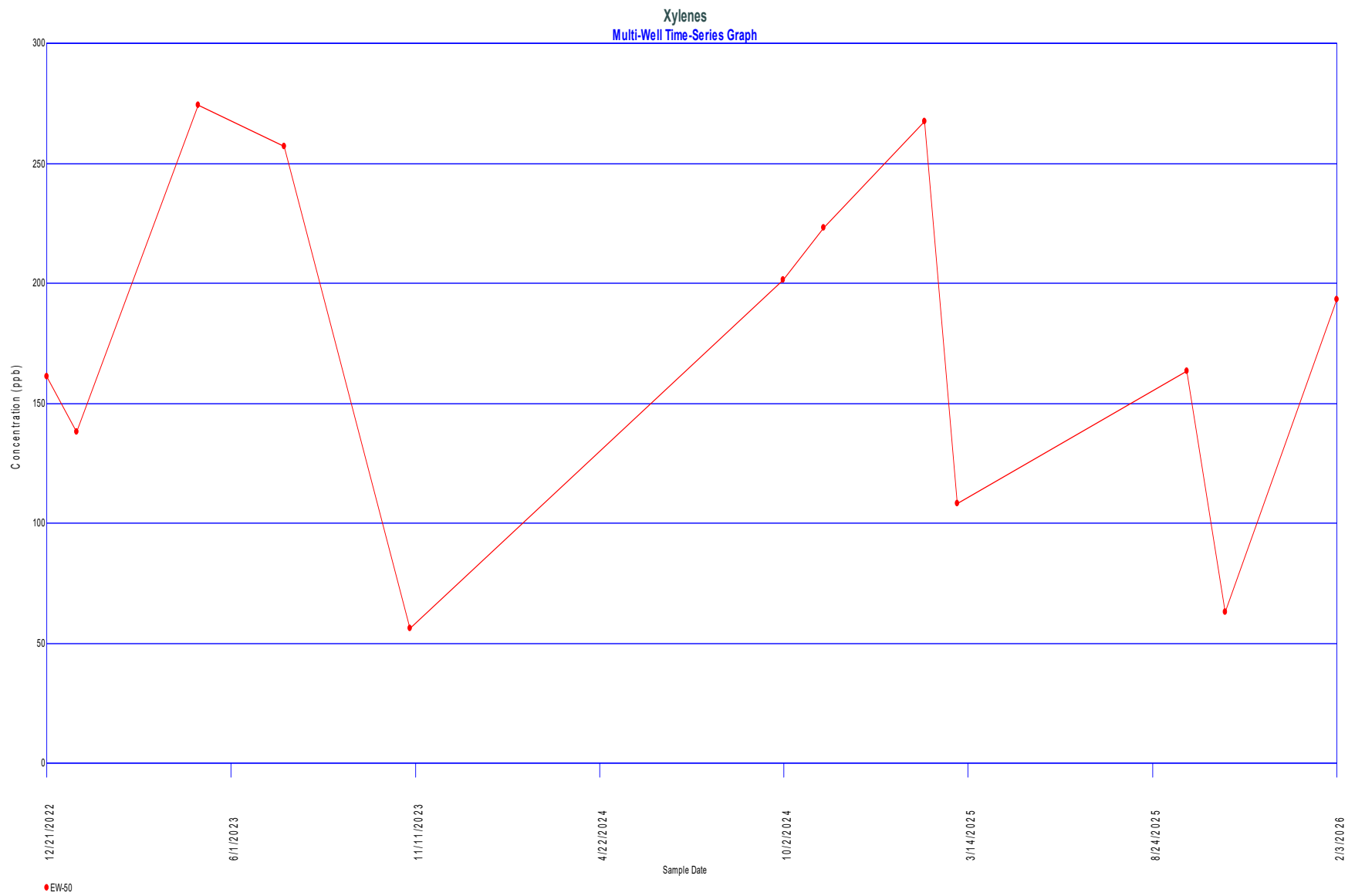
Multiple Wells

Xylenes



Multiple Wells

Xylenes



Multiple Wells

Xylenes

Appendix G

LFG Dewatering Pump Stroke Counter Data Analysis

Stroke Counter Data Analysis

During the monthly liquid depth measurement event and during LFG monitoring, SCS collected stroke counter data from the pumps installed in the GCCS extraction wells. These stroke counts were collected from 20 wells from January 30, 2026 to March 2, 2026. The recorded stroke count data from each well during February is included in **Table G-1**.

Based on the number of strokes in each well, SCS can estimate the number of gallons of liquid pumped from each well to assess pump performance. SCS assumed that each stroke from a float-style pneumatic pump correlates to approximately 0.3 gallons of liquid removed from the well. Blackhawk piston-style pumps remove approximately 0.11 gallons per stroke.

Table G-1 Summary of Dual Extraction Well Pump Stroke Counter Data

Well	1/30/2026	3/2/2026	# of strokes between measurements	Estimated liquid removed (gallons)
EW36A			-	0
EW49	109716	132855	23,139	6,942
EW50	1711681	1715890	4,209	1,263
EW52	1267958	1336917	68,959	20,688
EW53			-	0
EW55	73387	73387	-	0
EW59	3832819	3898954	66,135	19,841
EW60	368214	399779	31,565	9,470
EW61	253924	282039	28,115	8,435
EW62	217850	232955	15,105	4,532
EW65	165826	201244	35,418	10,625
EW66	142042	357507	215,465	64,640
EW67			-	0
EW68	2667188	2677418	10,230	3,069
EW76			-	0
EW78	362975	397365	34,390	3,852
EW82			-	0
EW85	371240	383500	12,260	1,373
EW87	340749	340749	-	0
EW88	470793	470804	11	1
EW89	835522	835522	-	0
EW93	1409957	1409957	-	0
EW94	1946997	1946997	-	0
EW98	2797503	3062075	264,572	79,372
TP-4	27685	27696	11	3
Total Estimated Liquid Removal				234,103