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April 29, 2026

Reply to Attn of: RE-26-050

Mr. JohnDavid Nance, Bureau Chief
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Subject: NASA WSTF Periodic Monitoring Report – First Quarter 2026

Enclosed is the NASA WSTF Periodic Monitoring Report (PMR) for the first quarter of 2026. This report provides detailed information about routine groundwater, Plume Front Treatment System (PFTS), and Mid-plume Interception and Treatment System (MPITS) monitoring performed between November 1, 2025 and January 31, 2026. Analytical data processed through the WSTF data management system, operational and performance data for both treatment systems, and site-wide potentiometric surface data are also provided for the same reporting period. Activity updates not associated with or reliant upon analytical data are reported for the previous calendar quarter.

This submittal includes an Executive Summary of the PMR that provides important events and observations as Enclosure 1, suggestions for installing and using WSTF PMR Databases as Enclosure 2, a bound paper copy of the main body of the report (pages i-68) as Enclosure 3, a DVD-ROM containing the entire report, the accompanying historical analytical databases, an Excel spreadsheet comprising groundwater data for the last four calendar quarters (April 2025 to March 2026) as Enclosure 4, and a CD-ROM containing analytical lab reports for the reporting period as Enclosure 5.

If you have any questions or comments concerning this submittal, please contact Antonette Doherty of my staff at 575-202-5406.

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Executive Summary

Groundwater monitoring is performed at the National Aeronautics and Space Administration (NASA) White Sands Test Facility (WSTF) to meet regulatory requirements, monitor the effectiveness of corrective actions, develop additional corrective actions, and provide environmental data for a variety of investigations. This Periodic Monitoring Report (PMR) includes the following:

Purpose, scope, and discussion of the groundwater monitoring data contained in this report.

Discussion of applicable cleanup levels and comparisons of those cleanup levels to current groundwater contaminant concentrations.

Detailed information related to the operation, maintenance, and status of the Plume Front Treatment System (PFTS) and the Mid-plume Interception and Treatment System (MPITS), NASA's presumptive remedy interim measures corrective actions for groundwater.

Information related to the development and implementation of source area investigations and, where applicable, related corrective actions.

Evaluations of groundwater and treatment system monitoring results and chemical analytical data as it relates to the effectiveness of groundwater remediation.

Conclusions and recommendations based upon groundwater and remediation system monitoring analytical data and the subsequent evaluations and interpretations of those data presented in this report.

Analytical data included in this report correspond to samples collected from groundwater monitoring wells, as well as PFTS and MPITS sampling locations between November 1, 2025 and January 31, 2026. The data were processed through the WSTF data management system during the first calendar quarter of 2026:

- 110 groundwater wells and zones, 619 analytical suites, and 11696 analytical results
- 24 PFTS and MPITS sampling locations, 102 analytical suites, and 2322 analytical results

A variety of data elements including PFTS and MPITS operational and performance data, potentiometric surface maps, and plume iso-concentration maps are used to evaluate the effects of the PFTS and MPITS on the WSTF groundwater contaminant plume. An evaluation of the PFTS data elements indicates that the PFTS is currently achieving plume capture and contaminant extraction in the Plume Front area. Data elements related to MPITS operation are presented and contaminant mass removal for both systems is included in this report.

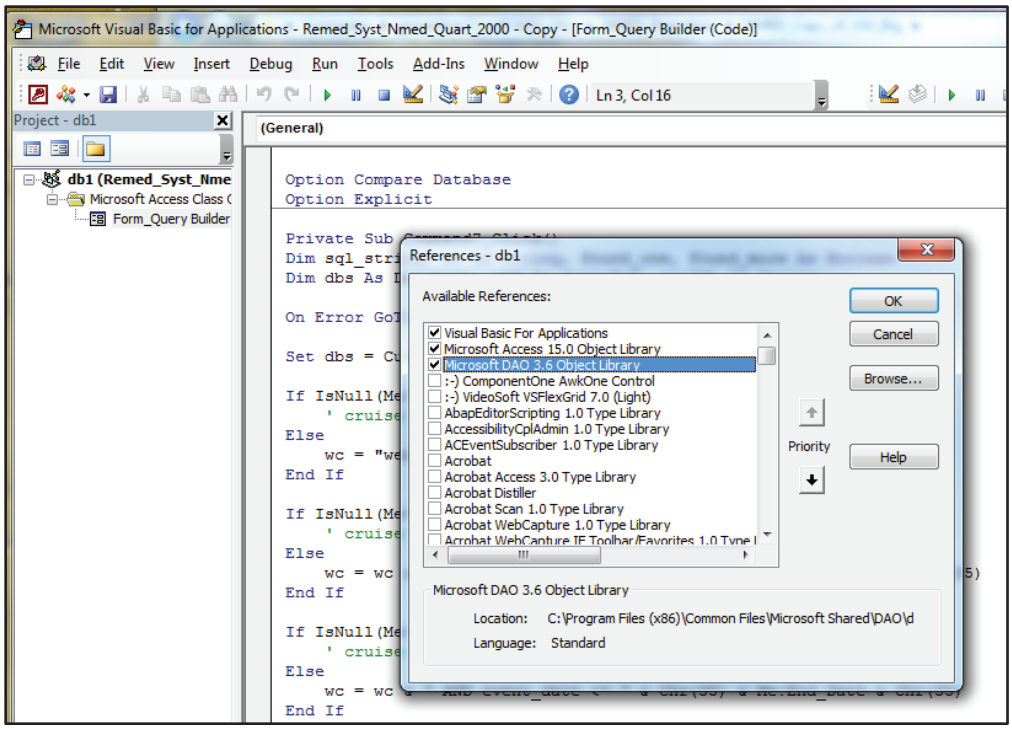
NASA's groundwater monitoring objectives are discussed in more detail in the applicable sections of this report. It is recommended that groundwater monitoring continue in accordance with the Groundwater Monitoring Plan (NASA, 2024a). NASA also recommends that groundwater corrective action operations at the PFTS and MPITS continue as scheduled. Further, NASA recommends that source area investigations continue in accordance with NMED-approved schedules.

Suggestions for Installing and Using WSTF PMR Databases

1. Ensure Microsoft Access 2013 is installed.
2. Ensure the following Microsoft libraries are installed:

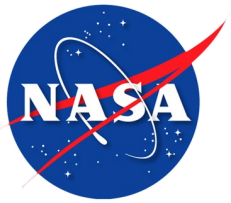
    - Visual Basic for Applications
    - Microsoft Access 15.0 Object Library
    - Microsoft DAO 3.6 Object Library

    To verify the presence of these libraries, choose any table, click “Database Tools” on the menu bar, then click the “Visual Basic” button. A new window will open (see example below). Click “Tools” on the menu bar, then click “References”. Another window will open (see example below), showing the libraries available. Ensure the boxes are checked for the three required libraries.



3. Copy the database files from the DVD to your hard drive. This will improve the performance of databases.
4. After running a query, you can export the data to Excel by selecting *External Data* on the menu bar, then click the *Export to Excel* button.

National Aeronautics and Space Administration



NASA WSTF Periodic Monitoring Report for First Quarter 2026

April 2026

NM8800019434

NASA WSTF Periodic Monitoring Report for First Quarter 2026

Reporting Period: January 1, 2026 through March 31, 2026

Report Deadline: April 30, 2026

NM8800019434

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Groundwater monitoring is performed at the National Aeronautics and Space Administration (NASA) White Sands Test Facility (WSTF) to meet regulatory requirements, monitor the effectiveness of corrective actions, develop additional corrective actions, and provide environmental data for a variety of investigations. This Periodic Monitoring Report (PMR) includes the following:

- Purpose, scope, and discussion of the groundwater monitoring data contained in this report.
- Discussion of applicable cleanup levels and comparisons of those cleanup levels to current groundwater contaminant concentrations.
- Detailed information related to the operation, maintenance, and status of the Plume Front Treatment System (PFTS) and the Mid-plume Interception and Treatment System (MPITS), NASA's presumptive remedy interim measures corrective actions for groundwater.
- Information related to the development and implementation of source area investigations and, where applicable, related corrective actions.
- Evaluations of groundwater and treatment system monitoring results and chemical analytical data as it relates to the effectiveness of groundwater remediation.
- Conclusions and recommendations based upon groundwater and remediation system monitoring analytical data and the subsequent evaluations and interpretations of those data presented in this report.

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NASA's groundwater monitoring objectives are discussed in more detail in the applicable sections of this report. It is recommended that groundwater monitoring continue in accordance with the Groundwater Monitoring Plan (NASA, 2024a). NASA also recommends that groundwater corrective action operations at the PFTS and MPITS continue as scheduled. Further, NASA recommends that source area investigations continue in accordance with NMED-approved schedules.

The use of trademarks or names of manufacturers is for accurate reporting and does not constitute an official endorsement either expressed or implied of such products or manufacturers by the National Aeronautics and Space Administration.

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List of Acronyms and Abbreviations

µg/L	Micrograms per liter
AIWP	Abbreviated Investigation Work Plan
ADWP	Abbreviated Drilling Work Plan
AOC	Area of concern
bgs	Below ground surface
BLM	Bureau of Land Management
COC	Contaminant of concern
CoC	Chain-of-Custody
DP	Discharge Permit
DTW	Depth to water
EPA	Environmental Protection Agency
FLUTe	Flexible Liner Underground Technologies, LLC
Freon 11	Trichlorofluoromethane
Freon 113	1,1,2-Trichloro-1,2,2-trifluoroethane
ft	Foot/feet
ft/ft	Foot per feet
g	Gram
GMP	Groundwater Monitoring Plan
gpm	Gallons per minute
gpm/ft	Gallons per minute per foot
HWMU	Hazardous Waste Management Unit
HWTL	Hazardous Waste Transmission Lines
IDW	Investigation-Derived Waste
JER	Jornada Experimental Range
kg	Kilogram
MDL	Method detection limit
MPCA	Mid-plume Constriction Area
MPE	Mid-plume Extraction
MPITS	Mid-plume Interception and Treatment System
NASA	National Aeronautics and Space Administration
ND	Not detected
NDMA	N-nitrosodimethylamine
ng/L	Nanograms per liter
NMED	New Mexico Environment Department
PCE	Tetrachloroethene
PFAS	Per- and polyfluoroalkyl substances
PFE	Plume Front Extraction
PFI	Plume Front Injection
PFTS	Plume Front Treatment System
PMR	Periodic Monitoring Report
QA	Quality Assurance
RCRA	Resource Conservation and Recovery Act
RSMP	Remediation System Monitoring Plan
scfm	Standard cubic feet per minute
STGT	Second TDRS Ground Terminal
SWMU	Solid Waste Management Unit
T-C	Time-concentration
TCE	Trichloroethene
TDRS	Tracking and Data Relay Satellite

TDRSS	Tracking and Data Relay Satellite System
UV	Ultraviolet
VMIA	Vapor Monitoring and Intrusion Assessment
VOC	Volatile Organic Compound
WBFZ	Western Boundary Fault Zone
WCR	Well Completion Report
WSTF	NASA Johnson Space Center White Sands Test Facility

1.0 Introduction

National Aeronautics and Space Administration (NASA) White Sands Test Facility (WSTF) is located at 12600 NASA Road near Las Cruces, New Mexico. WSTF (U.S. Environmental Protection Agency [EPA] and New Mexico Environment Department [NMED] Facility Identification Number NM8800019434) currently operates as a field test facility under the NASA Lyndon B. Johnson Space Center in Houston, Texas. Figure 1.1 is a map showing the location of WSTF in southern Doña Ana County.

The facility provides testing services to NASA for United States space programs and support for the Department of Defense, Department of Energy, private industry, and foreign government agencies. The primary WSTF mission is to develop, qualify, and test the limits of spacecraft propulsion systems and subsystems. The installation also operates several laboratory facilities that conduct simulated use tests for space station materials, as well as compatibility testing.

WSTF historical operations resulted in a groundwater contaminant plume that requires extensive investigation activities and associated corrective actions. NASA developed and implemented a strategy for remediating contaminated WSTF groundwater in 1996, based on an analysis of potential risk to human health and the environmental and hydrogeological characteristics of the site. This strategy involves a sequential three-phase approach to: 1) stabilize the leading edge of the plume in the alluvial aquifer at the Plume Front area through operation of the Plume Front Treatment System (PFTS); 2) intercept a high-concentration portion of the plume within fractured bedrock in the Mid-plume area through operation of the Mid-plume Interception and Treatment System (MPITS); and 3) investigate contaminant source areas and remediate, as appropriate, any remaining sources of contamination identified during ongoing investigations.

There are currently 223 active groundwater monitoring locations (treatment system sample ports, extraction wells, conventional wells, and multiport well zones) in use at WSTF. Figure 1.2 provides a map of the facility and shows the locations of groundwater monitoring wells and components of the PFTS and the MPITS. Routine groundwater monitoring is performed in accordance with the NMED Resource Conservation and Recovery Act (RCRA) Permit (Permit; NMED, 2023a, p25), the Groundwater Monitoring Plan (GMP; NASA, 2024a), and the Remediation System Monitoring Plan (RSMP; NASA, 2024c).

This report provides details of groundwater (routine and related to corrective actions), PFTS, and MPITS samples processed through the WSTF data management system during the first quarter of 2026. Between November 1, 2025 and January 31, 2026, groundwater samples were collected at 103 groundwater monitoring wells or zones (109 sample events), eight PFTS sampling locations (14 sample events), and eight MPITS sampling locations (12 sample events). Specific monitoring activities for routine groundwater sampling are discussed in Section 4.0. The individual sampling activity at each monitoring well, well zone, or other sampling point is identified as a discrete sampling event (by location and sampling date). This report includes and discusses these sampling events.

The PFTS was operational on 81 of 90 days during the reporting period at an average flow rate of 788 gallons per minute (gpm) while running. Approximately 264.3 acre-feet (ft) of groundwater were treated at the PFTS during this timeframe. Specific information related to operation, maintenance, and monitoring of the PFTS is included in Section 5.1 of this report. The MPITS was operational on 59 of 90 days during the reporting period, treating approximately 1.78 acre-ft of groundwater including investigation-derived waste (IDW). Specific information on MPITS operation, maintenance, monitoring, and related activities is provided in Section 5.2.

2.0 Scope of Activities

Groundwater and remediation systems sampling event analytical results and remediation system operational data are provided for the reporting period. Updates for activities that are not associated with or reliant upon groundwater analytical data are provided for the calendar quarter.

NASA routinely collects groundwater and treatment system samples for the analysis of volatile organic compounds (VOC), N-nitrosodimethylamine (NDMA), and several inorganic compounds. On a less frequent basis, semi-volatile organic compounds are sampled, and in certain wells, samples for the analysis of 1,4-dioxane, total petroleum hydrocarbons, and 40 CFR Part 264 Appendix IX compounds are collected. The GMP (NASA, 2024a, pp 40-42) identifies the specific samples that are to be collected at each groundwater monitoring well. The RSMP (NASA, 2024c) provides sampling requirements for the PFTS and the MPITS.

Groundwater quality data, collectively referred to as indicator parameters, are measured during each sampling event. Indicator parameters may include temperature, pH, conductivity, turbidity, and (at wells sampled using low-flow procedures) oxidation-reduction potential and dissolved oxygen. Depth to groundwater (DTW) is also measured at each conventional monitoring well during the sampling event. Indicator parameters associated with sampling events during the reporting period are included in Appendix A as follows: groundwater monitoring wells (Section 4.2.2) – Appendix A.1; PFTS (Section 5.1.4.2) – Appendix A.3; and MPITS (Section 5.2.1.2) – Appendix A.5.

Chemical analytical data (detections only) for sampling events during the reporting period are discussed in the following sections: groundwater monitoring wells (Section 4.3) – Appendix A.2; PFTS (Section 5.1.5) – Appendix A.4; and MPITS (Section 5.2.5) – Appendix A.6.

Field data and the recording of other specific sampling-related details for each sampling event are discussed in Sections 4.0, 5.1, and 5.2 of this report. Logbook entries and internal chain-of-custody (CoC) forms from sampling events included in the report are provided in Appendix B. The external CoC forms associated with the sampling events can be found in the Lab Reports included on the enclosed DVD. Appendix C provides internal monthly WSTF Quality Assurance (QA) Reports for the reporting period. Appendix D includes the comparison of analytical results from the groundwater monitoring wells (Appendix D.1), PFTS (Appendix D.2), and MPITS (Appendix D.3) with cleanup levels. Only results that exceed cleanup levels are included in these appendices.

During groundwater sampling, IDW such as decontamination water and purged groundwater is produced. This IDW is treated by the MPITS as specified in the GMP (NASA, 2024a, p39).

3.0 Cleanup Levels

Cleanup levels for all hazardous constituents detected in WSTF groundwater are summarized in the GMP update (NASA, 2024a pp 12-13) for 2025, submitted to NMED on April 25, 2025. That document outlines the process for developing cleanup levels as specified in Section 3.5 of the Permit (NMED, 2023a, p28).

3.1 Discharge Standards for PFTS and MPITS Effluent

The Ground Water Discharge Permit Renewal and Modification, Discharge Permit (DP)-1255 (NMED, 2023b, p 7) specifies that remediated groundwater discharged from the two remediation systems shall not exceed the concentrations listed, which are generally consistent with NASA WSTF RCRA Permit NM

8800019434 for NDMA, trichloroethene (TCE), tetrachloroethene (PCE), and chloroform. Table 3.1 includes the current DP-1255 discharge standards for the four constituents.

3.2 New Detections

The GMP requires that NASA report new detections of hazardous constituents in groundwater monitoring wells (NASA, 2024a, pp 13-14). Each quarter, NASA may add new constituents to the list of analytes detected at certain WSTF groundwater wells. As a result, a few new detections have been reported in sampling results at those wells. Most of the new detections are consistent with regional groundwater chemistry and require no action beyond continued monitoring and reporting. New detections, including non-hazardous constituents, reported in sampling events during the reporting period are provided in Table 3.2.

The GMP also requires detection monitoring at specific compliance points downgradient of the closures and operational areas of the facility. The specified wells are BLM-3-182 (for the 100 and 600 Areas), 200-B-240 and 200-SG-1 (for the 200 Area), 300-A-120 (for the 300 Area), and 400-C-143 (for the 400 Area). Detection monitoring was performed at wells BLM-3-182 and 400-C-143 during the reporting period.

In addition to the inorganic constituents that are characteristic of regional groundwater, NASA observed several new detections that require further evaluation. The hazardous constituents in Table 3.3 have not been previously detected at the wells listed in the table. As specified in Section 3.3 of the GMP, NASA has scheduled resampling of these wells to confirm detections (NASA, 2024a, pp 13-14) of 1,4-dioxane, boron, bromacil, carbon disulfide, chromium, copper, di-n-butyl phthalate, molybdenum, nickel, NDMA, perchlorate, potassium, PCE, trichlorofluoromethane (Freon®[1] 11), and zinc during the next scheduled sampling event at the respective monitoring wells. Table 3.4 lists the resampling date and the resolution of some of the unconfirmed detections reported in previous periodic monitoring reports (PMRs). The wells were resampled as required and the new detections were resolved as indicated in the table.

NASA has observed many new per- and polyfluoroalkyl substances (PFAS) detections in several monitoring wells sampled in accordance with Section 11.2 of the approved GMP. These detections will be further evaluated as part of the planned investigation of PFAS at WSTF. Follow-on sampling, analytical results and evaluations will be provided in the investigation report in accordance with the *NASA White Sands Test Facility (WSTF) Per- and Polyfluoroalkyl Substances Investigation Work Plan* (NASA, 2025f).

4.0 Routine Groundwater Monitoring

A variety of groundwater monitoring data are collected from monitoring wells and the groundwater treatment systems during routine WSTF operations. These data consist of measured groundwater elevations, calculated groundwater piezometric elevations, the graphical representations of groundwater elevation generated from these data, and groundwater indicator parameters (field water quality measurements).

Data presented in this section, including groundwater elevations and indicator parameters, were collected from various groundwater monitoring locations during the reporting period. Groundwater chemical

[1] Freon is a registered trademark of The Chemours Company CF, LLC

analytical data also from this timeframe, while not considered monitoring data in some contexts, are also presented in this section.

4.1 Current Status and Monitoring Performed

NASA continues to monitor groundwater to maintain a complete understanding of plume characteristics, contaminant migration, and the overall impact of ongoing corrective action efforts. This section discusses the results of routine groundwater samples collected from groundwater monitoring wells or zones during the reporting period and processed using the WSTF data management system during the first quarter of 2026. For this reporting period, 116 groundwater monitoring wells or zones and 14 PFTS and 12 MPITS sampling locations were sampled between November 2025 and January 2026, in accordance with established sampling frequencies. Table 4.1 provides a list of the monitoring wells and PFTS and MPITS sampling locations, and their associated sampling events for which analytical data are presented in this report.

4.2 Groundwater Monitoring Results

This section provides the results of groundwater monitoring, including groundwater elevations and groundwater quality measurements.

4.2.1 Groundwater Elevations

Groundwater elevations at WSTF's conventional monitoring wells, piezometers, and exploration wells are determined by manually measuring the water level. Piezometric elevations at Westbay®[2] multiport wells are calculated based on the groundwater formation pressures measured at target monitoring zones. Piezometric elevations for Flexible Liner Underground Technologies, LLC (FLUTe™) multiport monitoring wells are calculated from dedicated pressure transducer measurements or well performance characteristics at specified monitoring zones. DTW or formation pressures are measured quarterly and during each sampling event.

Formation pressures at multiport wells in the Plume Front and Mid-plume areas are typically measured during the same week as quarterly DTW measurements at conventional wells. Groundwater elevations from Westbay zones are calculated from pressure data typically collected at the uppermost sampling ports (proximal to the water table) using Westbay pressure measurement equipment. Potentiometric data from multiport wells in other areas of the site are also available. Groundwater elevations are subject to quality review prior to their use in data presentations. Anomalous or erroneous values are flagged as unusable and excluded from the dataset used to generate graphical presentations of groundwater elevation.

The potentiometric surface depicted in Figure 4.1 was developed by hand-contouring the most recent water level dataset that corresponds to the analytical reporting period. These data were collected between January 20, 2026 and January 30, 2026 and are provided in Table 4.2. In Figure 4.1, groundwater elevation contours depict a general westward groundwater flow across the facility. Subtle variations in groundwater elevation may occur within discrete transmissive flow paths at varying depths below ground surface (bgs) in the fractured bedrock aquifer located east of the Western Boundary Fault Zone (WBFZ). Due to the scale, these local elevation variations may not be reflected in the figure. The prominent transition in the hydraulic gradient from the WSTF pediment area east of the WBFZ (0.05 foot per feet [ft/ft]) to the relatively flat southern Jornada del Muerto Basin of the WSTF Plume Front area (0.0002 ft/ft) is also evident in the figure. No contours are depicted in the Plume Front area because the range of

[2] Westbay is a registered trademark of Nova Metrix Ground Monitoring (Canada) Ltd.

observed water elevations in that area is less than the contour interval (40 ft). Further discussion of Plume Front and Mid-plume groundwater elevations is provided in Section 6.3.1 of this report.

4.2.2 Groundwater Quality Measurements (Indicator Parameters)

Groundwater indicator parameters are obtained from field quality measurements performed during each sampling event. The groundwater indicator parameters associated with the groundwater monitoring well sampling events included in this report (see Table 4.1) are provided in Appendix A.1.

Indicator parameters and other specific sampling-related details associated with each monitoring well sampling event are recorded by technicians in the field sampling record. Appendix B provides the field sampling records and field/internal CoC forms for each sampling event performed during the reporting period. The WSTF external CoC forms for groundwater samples collected during these sampling events are provided in the Lab Reports on the enclosed DVD provided in Enclosure 3.

4.3 Groundwater Chemical Analytical Results

Table 4.1 lists groundwater monitoring wells sampled during the reporting period. Groundwater chemical analytical data from these wells were processed through the WSTF data management system during the first calendar quarter of 2026 and detections are included in Appendix A.2.

NASA has also included a copy of the historical analytical database with this report. The database is provided to facilitate NMED's review of groundwater analytical data provided in this report and to allow for the historical comparisons required by the Permit (NMED, 2023a, p65). NASA's historical database is an operational tool developed, maintained, and used by NASA environmental staff to manage and archive environmental data. It is not intended to serve specifically as a regulatory reporting mechanism. NASA reserves the right to implement changes to the database that are deemed appropriate to meet the WSTF internal environmental data management requirements. Any changes will not affect the integrity of historical analytical data. The amount of historical data has exceeded the capacity of a Microsoft Access®[3] database, and as a result, all the historical data cannot be contained in the database included with this report for use by NMED. Historical data prior to 2000 was removed from the reporting database to facilitate database operation and ease of use by NMED. Pre-2000 historical data of significance in decision-making is appropriately reflected in the time-concentration (T-C) plots presented in Appendix E.

A summary of internal QA methods applied to groundwater chemical analytical data is provided in Appendix C. The QA reports included in Appendix C apply to analytical results from sampling events performed during the reporting period. As requested by NMED (NMED, 2013), all laboratory analytical reports corresponding to the analytical data presented in this report are also provided electronically .pdf format) with this submittal.

The most recent chemical analytical data, including data processed in the first quarter of 2026, were used to develop manually contoured plume iso-concentration maps for NDMA (Figure 4.2 and Figure 4.3) and TCE (Figure 4.4). The lowest iso-concentration contour on each map corresponds to the required cleanup level for that analyte.

In wells along the 400 Area arroyo from the 400 Area Closure to BLM-15-305, NASA typically sees significant fluctuations in NDMA concentration. This may be attributed to rain events temporarily increasing the local water levels causing groundwater to migrate NDMA, entrapped in soils directly

[3] Microsoft Access is a registered trademark of the Microsoft Corporation.

above the water table beneath the 400 Area Closure, downgradient. 400-HV-147, located within the east cell of 400 Area Closure, has the highest concentration of NDMA on site at 210,000 nanograms per liter (ng/L) (corrected for extraction efficiencies). NDMA, in this well, has seen fluctuational differences that generally range from ±1,000 ng/L to ±180,000 ng/L between sampling events. BW-1-268 downgradient has seen fluctuational differences that average ±2,300 ng/L and BLM-15-305 has seen fluctuational differences that average ±4,500 ng/L. 400-A-151 and 400-C-143 are sampled annually and, therefore, seasonal fluctuations are not available for comparisons in these two wells. The 10,000 ng/L NDMA iso-concentration line in Figure 4.2 is contoured for NDMA collected during this reporting period and encloses the 400 Area Closure wells (400-HV-147 and 400-IV-123), downgradient 400-A-151, and BLM-15-305 separately.

5.0 Treatment System Monitoring

This section provides information related to NASA's environmental remediation systems at WSTF. It provides the current operational status of the treatment systems and includes a discussion of the capabilities and performance of the treatment systems, pertinent monitoring data from the systems, and applicable chemical analytical data associated with remediation system monitoring.

5.1 Plume Front Treatment System

The PFTS is a pump and treat groundwater remediation system that utilizes air stripping and ultraviolet (UV) photolysis to remove VOC and nitrosamines from contaminated groundwater. The system is an interim measures presumptive remedy located at the leading edge of the WSTF contaminant plume. It was implemented during the first phase of NASA's remediation strategy to stabilize plume migration. This section provides information related to PFTS operation, performance, and monitoring during the reporting period. Chemical analytical data from PFTS sampling events completed during the reporting period are also provided.

5.1.1 PFTS Operational Status

The operational status of the PFTS is summarized in Table 5.1 and Table 5.2.

5.1.2 PFTS Performance

This section summarizes the performance of the air strippers and UV reactor for the reporting period. Additional operational status and other details may also be presented or discussed. A variety of parameters are monitored regularly to ensure that the PFTS is properly functioning and is adequately treating the WSTF contaminants of concern (COC).

Operational records indicate that the PFTS was offline from January 1 to 5, 2026 due to a fault associated with the leak detection system, and a communication issue with the industrial controls system. An additional communication issue resulted in the PFTS shutting down from January 9 to 13, 2026. Condensate forming in extraction well dual wall piping resulted in the leak detection alarms that automatically shut down the PFTS on January 26 and 27, 2026. A planned power outage related to work for a nearby solar power array required the system to be shut down from January 23 to 26, 2026. A technician with California Leak Detection Systems, Inc. is scheduled to visit WSTF the week of May 4, 2026 to evaluated options for mitigating the frequency of leak detection alarms caused by condensate in contact with the sensing cable.

System availability statistics, which exclude scheduled shutdowns for planned maintenance, indicate the system was operational for 82.1% of January, 99.3% of February, and 97% of March 2026. Average

operating flow rates for the PFTS were 760 gpm for January, 803 gpm for February, and 801 gpm for March 2026.

5.1.2.1 Air Stripper Capabilities and Performance

The PFTS consists, in part, of two multi-sieve tray air strippers that operate in a parallel configuration to treat the WSTF VOC of concern. A single air stripper can be used when the system is operating at 650 gpm or less. Both air strippers are used when the system flow rate is greater than 650 gpm. The air strippers must maintain an air flow rate between 3,600 standard cubic feet per minute (scfm) and 4,680 scfm to ensure treatment of VOC. Table 5.3 provides the VOC performance data for the air strippers during the reporting period. Chemical analytical data provided in this report demonstrate that DP-1255 discharge limits and Permit-required cleanup levels were achieved throughout the reporting period.

5.1.2.2 UV Reactor Capabilities and Performance

The PFTS includes a 12-lamp Rayox UV reactor that uses UV photolysis to break down nitrosamines (specifically NDMA) in groundwater. The UV reactor is designed to operate at a minimum hydraulic flow rate of 200 gpm and a maximum flow rate of 3,000 gpm. Table 5.3 provides the NDMA treatment performance data for the UV reactor during the reporting period. As indicated by these data, system design parameters and cleanup levels for NDMA were achieved during the reporting period.

5.1.3 Extraction and Injection Well Performance

Extraction and injection well performance for the reporting period, as based on volumetric flow rates, extraction well drawdown, and water levels and injection well specific capacities, is summarized below. Average Plume Front injection (PFI) well flow rates and average PFE well flow rates for the reporting period are provided in Table 5.4.

5.1.3.1 Extraction and Injection Well Flow Rates and Specific Capacities

Flow rates for extraction and injection wells were measured and monitored throughout the reporting period. While in operation during the reporting period, flow rates for wells PFE-1, PFE-3, and PFE-7 were stable and within expected values. The average operational flow rate for PFE-2 over the reporting period was 80% of its 181 gpm design flow rate, which is consistent with the preceding reporting period. The average operational flow rate for PFE-4A over the reporting period was maintained by system engineers at 75% of its 200 gpm design flow rate to prevent the existing pump from drawing the water level below the pump inlet. The operational flow rate for PFE-5, which is screened in fractured bedrock, was 55% of its 5.5 gpm design flow rate; and consistent with operational flow rates for this well during previous reporting periods.

PFE-1 was out of operation from January 23 to 28, 2026 due to a power monitor fault. PFE-4A was out of operation from January 27 to 29, 2026 due to failed motor starter component.

Wells PFI-3 and PFI-4 operated near their respective design injection flow rates during the reporting period. NASA operated PFI-2 at 112% of its design flow rate of 269 gpm during the reporting period to maintain hydraulic mounding in the vicinity of well PFI-1, which was plugged and abandoned in April 2025 in accordance with applicable regulations. NASA will continue to evaluate plume capture to determine if additional groundwater control measures are needed.

Specific capacities for the PFE and PFI wells are provided in Table 5.5 and are expressed in gallons per minute per foot (gpm/ft). Generally, PFE well specific capacities are higher than PFI well specific capacities. This is due to the differences between extraction and injection well hydraulics.

The quarterly specific capacity values shown for PFE-3 in Table 5.5 of this report have each declined relative to the corresponding specific capacity values shown for PFE-3 the 4Q25 PMR. Water levels under pumping conditions at PFE-3 continue to remain above the pump inlet and have not impacted extraction flow rates during the reporting period. NASA will continue to monitor the specific capacity of PFE-3 and will evaluate the potential need to rehabilitate the well should further declines in specific capacity occur.

5.1.3.2 Injection Well Water Level Variations, Well Monitoring, and Maintenance

Water levels at operational PFI wells are monitored on a continual basis using dedicated pressure transducers that record the levels at 1-second intervals. Specific well capacities are recorded on a continual basis by the system industrial controls software while the system is in operation and reviewed by system engineers if increases in injection well water levels indicate a potential loss of well efficiency. Backflushing of the injection wells is performed when the wells exhibit rising water levels associated with decreased well capacities, during start-ups and shutdowns, or as a periodic preventative maintenance measure. Operations personnel have been using static water table levels as a guide for setting the injection flow rates to each well to maintain a stable injection operation.

5.1.4 PFTS Monitoring Results

System monitoring involves the evaluation of a variety of data collected during routine PFTS sampling-related operations. Groundwater monitoring data consist of measured groundwater elevations, calculated groundwater piezometric elevations, graphical representations of groundwater elevation generated from the data (Section 6.3.3), and groundwater indicator parameters (water quality field measurements). The data presented in this section were collected from PFTS monitoring locations during the reporting period. Groundwater chemical analytical data from PFTS sampling events, while not considered monitoring data in some contexts, are also presented in this section.

5.1.4.1 PFTS Monitoring Events

This section and associated appendices discuss the results of routine PFTS samples processed through the WSTF data management system during the reporting period. Groundwater samples processed and included in this report were collected at eight PFTS monitoring locations during the reporting period. Table 4.1 provides a list of the PFTS monitoring locations and sampling event dates for which analytical data are presented in this report.

5.1.4.2 PFTS Groundwater Quality Measurements (Indicator Parameters)

Groundwater indicator parameters and other specific sampling-related details associated with each sampling event are recorded by field technicians in the field sampling record. The groundwater indicator parameters measured at each PFTS sampling event in Table 4.1 are provided in Appendix A.3. Appendix B provides the field sampling records and internal CoC forms and the lab reports include laboratory CoC forms for each of the PFTS sampling events discussed in this section.

5.1.5 PFTS Chemical Analytical Results

This section and associated appendices provide the groundwater chemical analytical data processed through the WSTF data management system during the first calendar quarter of 2026. Appendix A.4 provides the analytical results (detections only) from PFTS sampling events performed during the reporting period. A summary of internal QA methods applied to groundwater chemical analytical data is provided in Appendix C.

5.1.6 PFTS Mass Removal

Table 5.6 uses available analytical data to calculate the mass of WSTF COCs removed by the PFTS between February 1, 2025 and January 31, 2026. During this 12-month period, the PFTS removed approximately 18.9 kilograms (kg) of TCE, 16.7 kg of Freon®[4], 478.5 grams (g) of PCE, and 132.5 g of NDMA.

The contaminant mass removal was calculated as follows:

$$\textit{Mass Removal} = \textit{Total Volume Treated} \times (\textit{Influent Concentration} - \textit{Effluent Concentration})$$

5.2 Mid-plume Interception and Treatment System

The MPITS is the major component of the second phase of NASA's overall groundwater plume remediation strategy. This interim measure presumptive remedy was designed to intercept high COC concentrations within the fractured bedrock aquifer of the Mid-plume Constriction Area (MPCA).

The operational status of the MPITS is summarized below. Component/system failures, repair, and scheduled maintenance activities accounted for the majority of the short duration shutdowns during the reporting period.

5.2.1 MPITS Monitoring Results

System monitoring involves the collection and evaluation of a variety of data during routine MPITS sampling-related operations. Groundwater monitoring data consist of measured groundwater elevations, calculated groundwater piezometric elevations, graphical representations of groundwater elevation generated from these data (refer to Section 6.3.3), and groundwater indicator parameters (water quality field measurements).

The data presented in this section were collected from eight MPITS monitoring locations during the reporting period. Groundwater chemical analytical data from MPITS sampling events, while not considered monitoring data in some contexts, are also presented in this section.

5.2.1.1 MPITS Monitoring Events

This section and associated appendices discuss the results of routine MPITS samples collected during the reporting period and processed by the WSTF data management system during the reporting period. Table 4.1 includes the MPITS monitoring locations and sampling event dates for which analytical data are presented in this report.

[4] Freon is a registered trademark of The Chemours Company FC, LLC.

5.2.1.2 MPITS Groundwater Quality Measurements (Indicator Parameters)

Groundwater indicator parameters and other specific sampling-related details associated with each sampling event are recorded by the field technicians in the field sampling record. The groundwater indicator parameters measured at each MPITS sampling event listed in Table 4.1 are provided in Appendix A.5. Appendix B provides the field sampling records and internal CoC for each of the MPITS sampling events discussed in this section. The laboratory CoC for each of the MPITS sampling events discussed in this section are provided in the lab reports enclosed on the DVD.

5.2.2 MPITS Operational Status

The operational status of the MPITS is included in Table 5.1 and Table 5.2.

Operational records indicate that the MPITS performed favorably during the reporting period and experienced minimal unplanned interruptions. System availability statistics, which exclude scheduled shutdowns for planned maintenance, indicate the MPITS was operational for 100% of January, 100% of February, and 97.9% of March 2026. Average operating flow rates for the MPITS were 8.8 gpm for January, 9.1 gpm for February, and 8.4 gpm for March 2026.

5.2.3 MPITS Performance

This section summarizes the MPITS air stripper and UV reactor performance during the reporting period. Operational status and other details may also be presented or discussed. A variety of parameters are monitored regularly to ensure that the MPITS is functioning properly and effectively treating the WSTF groundwater for COC reduction.

5.2.3.1 Air Stripper Capabilities and Performance

The MPITS consists of a single sieve tray air stripper designed to treat WSTF groundwater VOCs of concern at flow rates up to 125 gpm. Table 5.7 provides the VOC performance data for the air stripper based on MPITS analytical data for the reporting period. As indicated by these data, system design parameters and discharge limits for the VOCs were achieved during the reporting period. The MPITS influent is composed of groundwater from operational Mid-plume extraction (MPE) wells and IDW generated during groundwater sampling, well maintenance, well evaluation activities, and other groundwater-related operations at WSTF. Effluent sample results are closely monitored to ensure the air stripper continues to function properly.

5.2.3.2 UV Reactor Capabilities and Performance

The MPITS uses a 72-lamp UV photolysis reactor to break down nitrosamines in groundwater. The UV reactor is designed to operate at flow rates between 20 and 125 gpm. The reactor is capable of automatically adjusting power to the lamps to meet a target of 4.1 orders of magnitude reduction in contaminant concentrations. However, electrical power to the lamps is currently set manually at 100 percent to comply with current internal NASA operational requirements. The UV reactor achieved approximately four orders of magnitude reduction during the reporting period. Table 5.7 shows the UV reactor's performance for the reporting period. As indicated by these data, system design parameters and discharge limits for NDMA were achieved over the reporting period. Effluent sample results are closely monitored to ensure the UV reactor continues to function properly

5.2.4 MPITS Extraction Well and Infiltration Basin Performance

Wells MPE-1, MPE-3, MPE-4, MPE-9, MPE-10, and MPE-11 operated at various flow rates during the reporting period and did not experience any unplanned shutdowns. There were no MPITS infiltration basin performance anomalies during the reporting period.

Well MPE-8 remains offline because the carbon steel casing and well screen is encrusted with iron tubercles and require rehabilitation before the well can potentially be reactivated. As a means of supplementing contaminant mass removal, NASA activated exploration wells MPE-3 and MPE-4 in July 2025, as indicated in the *Remediation System Monitoring Plan Annual Update for 2024* (NASA, 2024c, pp 10-11). MPE-3 and MPE-4 are equipped with solar-powered submersible pumps, manually read analog flow meters, and automatic shutoff devices, and operate during daylight conditions. NASA utilizes tanker trailers to transfer groundwater extracted at each of these two wells to the MPITS for processing.

5.2.4.1 Extraction Well Flow Rates and Production Capacities

The MPE wells are completed in a fractured bedrock aquifer. Reduced well production capacity in this area resulted in cyclic operation of the extraction wells throughout the reporting period. Extraction well performance is characterized by evaluating well pumping rates and drawdown of water levels during pumping at each extraction well. Except for well MPE-8, as noted above, no extraction well performance anomalies with respect to pumping rates and water level drawdowns were observed during the reporting period.

5.2.4.2 Infiltration Basin Performance, Monitoring, and Maintenance

The MPITS infiltration basin was designed to accept up to 200 gpm. No operational or performance issues were identified during the reporting period.

5.2.5 MPITS Chemical Analytical Results

Appendix A.6 provides the MPITS chemical analytical data for the analytical reporting period (detections only). A summary of internal QA methods applied to groundwater chemical analytical data is provided in Appendix C.

5.2.6 MPITS Mass Removal

Table 5.8 summarizes the mass of WSTF COC removed by the MPITS between February 1, 2025 and January 31, 2026. Approximately 1.835 kg of COC mass was removed by the MPITS during this 12-month period. In addition to groundwater extracted in the MPCA, the MPITS accepts and treats IDW generated during other groundwater investigations. The contaminant mass removal was calculated as follows:

$$\textit{Mass Removal} = \textit{Volume of Water Extracted at Each Well} \times (\textit{Contaminant Concentration at Each Well} - \textit{MPITS Effluent Concentration})$$

5.3 Remediation Systems Operation Costs

Table 5.9 presents the costs for operating the PFTS and MPITS for the 12 months from February 1, 2025 to January 31, 2026. The table summarizes the cost of the labor and materials for operation and maintenance of both systems, and includes the electrical costs associated with system operations.

6.0 Discussion and Conclusions

Routine groundwater monitoring is conducted at WSTF to support a variety of projects. The primary objectives of routine groundwater monitoring at WSTF are to delineate the extensive contaminant plume resulting from historical contaminant releases at the facility, support the development and implementation of corrective actions, and monitor the impact of these corrective actions during implementation and operation. Groundwater sampling at WSTF is currently focused on the Plume Front and Mid-plume areas, both of which are critical to NASA's overall groundwater remediation efforts.

This section provides discussion and conclusions based on the results of groundwater monitoring conducted at WSTF. Also included is a summary discussion of the remediation systems' performance, monitoring results, system modifications, and compliance with discharge requirements and/or applicable cleanup levels. Chemical analytical results from the PFTS, MPITS, and routine groundwater monitoring are compared to cleanup levels (refer to Appendix D). This section also provides NASA's anticipated future groundwater monitoring and related activities at WSTF.

6.1 Summary of Groundwater Monitoring Projects

Routine groundwater monitoring was performed during this quarter in accordance with currently approved permits, plans, and other regulatory requirements. In general, the WSTF contaminant plume is relatively stable in nature and extent. The potential for continued migration of the plume resulted in the development of the phased approach to groundwater remediation discussed in Section 1.0. NASA continues to collect a variety of groundwater data from the comprehensive WSTF groundwater monitoring network. Monitoring results are presented in detail in the relevant sections of this report and in later sections of this summary. Several noteworthy projects related to routine groundwater monitoring are discussed below.

6.1.1 Monitoring Well Performance or Sampling Equipment Issues

NASA performed most scheduled sampling during the previous (August 1 through October 31, 2025) and current (November 1, 2025 through January 31, 2026) reporting periods. In November 2025, NASA was unable to sample one well because there was inadequate groundwater for the collection of representative samples. There were no additional mechanical or technical issues that prevented sampling. This section does not address wells that were not sampled due to resource limitations.

Recent occurrences of sampling issues, backlog of prior unresolved issues, and issues resolved this quarter are summarized in Table 6.1.

6.1.2 Monitoring Well Installation and Well Plugging and Abandonment

During the first quarter of 2026, NASA plugged and abandoned monitoring wells BLM-1-435 and PL-3-453 and replaced them with new monitoring wells 600C-003-GW and 600C-004-GW, respectively, in accordance with the NMED-approved *NASA WSTF Work Plan for Drilling and Installation of Monitoring Wells 600C-003-GW and 600C-004-GW* (NASA, 2023). Appendix F provides additional details on well abandonment and installation activities.

6.1.3 Westbay Well Reconfiguration

During the first quarter of 2026, NASA initiated fieldwork associated with the plugging and abandonment of monitoring well PL-6 and replacement with new monitoring well 600C-002-GW in accordance with

the NMED-approved *NASA WSTF Work Plan for Drilling and Installation of Monitoring Well 600C-002-GW and Abandonment of PL-6* (NASA, 2022). Additional information is provided in Appendix F.

6.1.4 Groundwater Monitoring Data Representativeness

On January 22, 2026 NMED approved the revised *NASA WSTF Westbay Well Reconfiguration Work Plan for Wells PL-7, PL-8, PL-10, ST-5, and WW-3* (NASA, 2024d). NMED provided a comment indicating NASA's future well reconfiguration work may need to be evaluated to ensure that waste generated during the reconfiguration of Westbay wells is not hazardous waste in accordance with new regulations for PFAS-containing waste.

6.2 Comparison of Analytical Data to Cleanup Levels

This section and the associated appendix compare the chemical analytical data obtained from groundwater remediation system sampling points and groundwater monitoring wells to the approved cleanup levels provided in the GMP (NASA, 2024a, pp 11-12). Appendix D provides a comparison of groundwater data to cleanup levels for the current analytical reporting period.

6.2.1 Groundwater Monitoring Wells

Appendix D.1 includes a comparison of groundwater monitoring well data to applicable cleanup levels for the analytical reporting period. Only analytical results that exceed cleanup levels are included in the tables.

6.2.2 Plume Front Treatment System

Groundwater samples were collected from the PFTS influent and effluent as required by the RSMP (NASA, 2024c) and DP-1255 (NMED, 2023b, p8). Chemical analytical data from these sampling events were presented in Section 5.1.5 and Appendix A.4. Appendix D.2 includes any PFTS influent results that exceeded cleanup levels during the current analytical reporting period. The PFTS effluent met all DP-1255 discharge limits and Permit cleanup levels.

6.2.3 Mid-plume Interception and Treatment System

Groundwater samples were collected from the MPITS influent and effluent as required by the RSMP (NASA, 2024c) and DP-1255 (NMED, 2023b, p8). Chemical analytical data from these sampling events were presented in Section 5.2.5 and Appendix A.6. Appendix D.3 includes any MPITS influent data that exceeded cleanup levels during the current analytical reporting period. There were no DP-1255 discharge limit or cleanup level exceedances from the MPITS during the reporting period.

6.3 Contaminant Plume Evaluation

The plume evaluation for the first quarter of 2026 includes potentiometric surface maps and a variety of chemical analytical data.

6.3.1 Groundwater Elevations

A manually contoured potentiometric surface map (Figure 6.1) is provided for the WSTF Plume Front area that correlates with the end of the current reporting period. Data used to generate contours for this map are identical to the data used to generate the site-wide contours (Figure 4.1). Only slight variations in groundwater elevation changes were identified during the reporting period compared to the previous

quarter. The 40-ft contour used in the site-wide potentiometric map is supplemented by 2-ft contours in the Plume Front potentiometric surface map. Arrows indicate the general direction of groundwater flow. The influence of PFTS operation is evident by the depression in the potentiometric surface that is caused by pumping at the PFE wells. The hydraulic mound produced by injecting treated water at the PFI wells is apparent at the southern edge of the figure.

Groundwater elevations measured in the MPCA during this analytical reporting period are presented in the manually contoured Mid-plume potentiometric surface map (Figure 6.2). Only slight variations in groundwater elevation changes were identified during the reporting period compared to the previous quarter. The data used to generate contours for this map are the same values used to generate the site-wide potentiometric map (Figure 4.1). The general west-trending groundwater flow direction through the Mid-plume area is apparent in Figure 6.2, though local variations may exist within discrete fractures or higher conductivity flow zones within the fractured bedrock aquifer in this area. Groundwater elevation is generally depressed downgradient of well MPE-11 near well MPE-6.

6.3.2 Plume iso-concentration maps

Figure 6.3 and Figure 6.4 present manually contoured iso-concentration maps of the Plume Front for NDMA and TCE using data processed during this reporting period. The manual contouring method allows a geologist to evaluate plume contaminants against interpreted hydrogeological features to create a realistic representation of the contaminant plume. Hydrogeological conditions considered during the manual contouring of contaminant concentrations are primarily hydrostratigraphic units or significant structural features that cause the juxtaposition of variable hydraulic conductivities. The lowest value solid iso-concentration line on each map corresponds to the required cleanup level for the analyte presented. The iso-concentration maps are consistent with the maps presented in previous reports (i.e., a like-to-like comparison in the case of NDMA), the monthly evaluation of contaminant concentrations, and site-wide plume maps that have been provided to NMED over the last several years.

6.3.3 Combined Plume Iso-concentration Maps and Potentiometric Surface Map

Figure 6.5 shows the interrelationship of the Plume Front potentiometric surface interpreted groundwater divide and manually contoured TCE plume for the current analytical reporting period. TCE was selected because it is the most widely distributed health-risk-driving contaminant in the conceptualized contaminant plume.

6.3.4 Time-concentration Plots and Groundwater Data Analytical Trends

T-C plots are used to evaluate and summarize groundwater contaminant concentration trends in WSTF wells over time on a quarterly basis as presented in this report. An interpretation of the groundwater concentration trends shown in T-C plots for the first quarter 2026 is provided in this section.

To facilitate this evaluation, WSTF monitoring wells are grouped as listed in Table 3.3 of the GMP (NASA, 2024a, pp 79-85). T-C plots are generated using analytical data from each operating monitoring and remediation well. The concentration trends for four of the primary COCs (Freon 11, TCE, PCE, and NDMA) in groundwater are reviewed by technical personnel to develop the summary map and table presented in Appendix E. This table includes the historical maximum contaminant concentration and latest concentration for the four primary COCs in conjunction with an interpretation of the latest T-C trend for each well. For NDMA, results are presented for both EPA Method 607 and the low-level analytical method where available for specific wells. Each T-C trend evaluation emphasizes analytical results reported over the last several quarters, which may supersede earlier trends that may have been reported following initial well installation. As a result, the current T-C interpretation may not reflect the

full historical variability in T-C behavior through the life of the well, particularly for older wells installed in the mid-1980s through the 1990s. Individual wells that have been out of service for several years and/or have been plugged and abandoned do not represent current conditions and are excluded from the evaluation. Recently installed wells with less than four sampling events performed are also excluded from the evaluation until sufficient data is available to assign a trend.

The identification of a trend for COC concentrations within a specific well is based on the evaluation of analytical data collected over a minimum of four analytical datapoints to provide adequate data for statistical analyses. This is the approach described in the United States *Environmental Protection Agency Groundwater Statistics Tool User's Guide* (EPA, 2018). This strategy is necessary to avoid the premature determination of a trend indicative of a short-term fluctuation that reverts to previous conditions. For wells that are not sampled on a quarterly schedule, the evaluation of four sampling events extends over a greater time interval. T-C plot trends are also evaluated in conjunction with supporting criteria specific to the well before any modifications to the existing T-C plot interpretations are made, including:

- ambient field sampling conditions,
- contracted analytical laboratory operations,
- hydrogeological observations,
- aquifer recharge conditions,
- well development activities, and
- any changes in the operational status of proximal remediation wells.

The majority of WSTF wells within the contaminant plume reflect declining COC concentrations in groundwater over time, or relatively stable and slightly fluctuating concentrations that have remained relatively consistent in recent years. For this reporting period, monitoring well BLM-5-527 (MPCA Well Group, northwest plume arm) is characterized as having a "natural migration: increasing trend" of one or more primary COCs" and monitoring wells PL-2-504 (Main Plume Monitoring Well Group) and ST-7 (Plume Front Monitoring Well Group) are characterized as having a "pumping related migration: increasing trend." A summary of each of the GMP well groups is provided in the following paragraphs, along with a discussion of the T-C plots for specific wells where identified. T-C plots for specific wells identified are provided in Appendix E.

Upgradient (Background) Well Group: The four wells designated as background groundwater monitoring wells are located east and upgradient of the WSTF industrialized areas. There are typically no COCs detected above detection limits in these wells. Three wells (100-F-358, 300-F-175, and NASA 3) are classified as not detected (ND) for this quarter. Well 100-G-223 indicated a NDMA_LL concentration of 1.13 ng/L between the detection limit (0.34 ng/L) and cleanup level (4.9 ng/L), and is classified as "low-level NDMA <4.9 ng/L."

100/600 Area Well Group: Monitoring wells within this group are located within the 100 Area and adjacent 600 Area to the west in the vicinity of the 600 Area Closure. The wells are located near the southeastern boundary of the groundwater plume, where COCs may have been sourced by the former 600 Area Closure hazardous waste management unit (HWMU) and/or from the upgradient 200 Area HWMUs and solid waste management units (SWMUs). Most wells have shown a declining trend since the inception of sampling and there were no significant changes in the monitoring well interpretations for this reporting period. Several wells are located within a confined outlier of TCE groundwater contamination centered on the footprint of the 600 Area Closure that is detached from the primary groundwater plume to the north. Wells screened within the fractured bedrock aquifer typically reflect a long-term decreasing concentration trend for Freon 11, TCE, and PCE since the inception of groundwater sampling in the late 1980s. Well 600-G-138 (T-C plot provided) is screened across a thin (<3 ft) and localized perched groundwater horizon on the top of andesite bedrock at the east corner of the 600 Area Closure. The

concentration of TCE in well 600-G-138 has declined from 130 µg/L in 2012 to 35 µg/L in 2026 and shows a similar trend to the groundwater plume in fractured bedrock within the upgradient 200 Area. NDMA is not identified within groundwater of the 100 and 600 Areas and is sourced to the north in the 300 and 400 Areas.

200 Area Well Group: The 200 Area is the primary historical source of Freon 11 and TCE groundwater contamination at WSTF. Maximum concentrations for these contaminants in monitoring wells were reported in the early through mid-1990s. Over the last 30 years, the majority of 200 Area T-C plots reflect a long-term decreasing trend in contaminant concentrations since the inception of sampling for these COCs and no significant changes in the interpretations were performed for this reporting period. As a typical example, the TCE concentration in well 200-D-240 (T-C plot provided) has declined from 110 µg/L in 1990 to 14 µg/L in 2025 (87% reduction). The shallow zone in this well (200-D-109) was historically characterized as the highest TCE on-site at 1,600 µg/L in 1993. At the time when the piezometric level dropped below the screen and the well was plugged and abandoned in 2015, the concentration of TCE had declined to 220 µg/L (86% reduction). The decreases reflect natural plume migration and degradation under the influence of a steep east to west horizontal hydraulic gradient of 0.05 ft/ft within a fractured limestone aquifer in conjunction with the implementation of effective waste management practices in the 1980's that removed additional source discharges. Wells that display slightly fluctuating to relatively stable trends in the area are typically screened across intervals in poorly fractured (lower hydraulic conductivity) andesite bedrock further to the west and southwest. These wells are characterized by low bedrock porosity, low hydraulic conductivity, reduced groundwater flow, and lower COC concentrations.

300/400 Area Well Group: Monitoring wells show either long-term T-C trends for NDMA and Freon compounds that fluctuate minimally and are relatively consistent in magnitude (typically wells screened within poorly fractured andesite bedrock near the 400 Area Closure HWMU) or declines since the inception of sampling over a period exceeding 35 years for the older monitoring wells installed in the late 1980s. There were no significant changes in the monitoring well interpretations for this reporting period. Declining trends are again associated with wells with higher hydraulic conductivity that are typically screened across the top of bedrock at the andesite-alluvium interface. These wells are located adjacent to the 300/400 Area primary arroyo with increased natural recharge from the Bear Canyon catchment area to the east. The declining groundwater concentration trends are attributed to relatively higher hydraulic conductivities and the strong hydraulic gradient of 0.05 ft/ft in the area in conjunction with effective waste management practices implemented in the 1980s. Wells that display more consistent trends are typically either located off the axis of primary recharge drainages and screened in poorly fractured andesite bedrock with limited connectivity of fractures or are protected from direct precipitation infiltration by low permeability surfaces (300 and 400 Area Closure impoundment caps).

Northern Boundary Well Group: Monitoring wells are typically characterized as ND over the long-term since the inception of sampling or display relatively low NDMA concentrations with slightly fluctuating to flat T-C trends. NDMA low-level analysis has dropped below the NDMA cleanup level of ≥ 4.9 ng/L for all wells within this group. Individual monitoring wells are classified as either ND or "low-level NDMA <4.9 ng/L" for this reporting period apart from well 700-D-186 that has a low concentration of TCE at 0.33 (J Flag) µg/L.

Southern Boundary Well Group: Monitoring wells located south of the NDMA and TCE plumes are below the low-level NDMA cleanup level of 4.9 ng/L and except for one well are classified as ND or fluctuating low-level NDMA detections <4.9 ng/L. There were no changes to the interpretations for this reporting period. A single monitoring well (BLM-6-488, T-C plot provided) has shown irregular low concentrations of TCE over the long-term since 1995 (currently 1.9 µg/L) below the NMED TCE cleanup

level (5.0 µg/L) and is characterized as exhibiting "natural migration: no overall trend of one or more primary COCs."

MPCA Well Group: T-C plots for monitoring wells in this group predominantly show long-term declining contaminant trends associated with either natural plume migration and attenuation or MPITS pumping that commenced in 2011. No significant changes were observed in this reporting period. T-C plots for wells BLM-21-400, BLM-26-404, BLM-36-350, BLM-18-430, and BLM-5-527 are included in Appendix E.

Well BLM-21-400 is located approximately 500 ft south of well MPE-11 and immediately downgradient of the primary confluence of the TCE and NDMA plumes from their respective source areas (Freon 11 and TCE originate from the 200 Area [characteristic of upgradient well BLM-14-327] and NDMA originates from the 300 and 400 Areas [characteristic of upgradient well BLM-15-305]). Contaminant concentrations in BLM-21-400 reflect a natural decreasing trend for Freon 11 (320 to 110 µg/L), TCE (220 to 74 µg/L), PCE (12 to 4.4 µg/L), and NDMA (5.6 to 0.26 µg/L) since well installation in 1991. The well is currently classified as "natural migration – no overall trend."

Multiport well BLM-36 is located downgradient and to the south-southwest of the MPITS. The T-C plots for the shallow zone in well BLM-36 (BLM-36-350) identify groundwater COCs that have not been detected in deeper zones of this well. This well represents a significant location for vertical delineation in the MPCA. BLM-36-350 has previously shown both consistent and more declining concentrations for groundwater COCs since activation of the MPITS and is currently classified as "pumping-related migration – no overall trend."

Wells BLM-26-404 and BLM-18-430 are in the proximal (initial) northwest-trending arm of the WSTF groundwater contaminant plume that extends from the MPCA. These wells are monitored to determine the effect of operation of the MPITS on the migration of groundwater contaminants into this area. The T-C plots for well BLM-18-430 show an overall long-term decline in contaminant concentrations since startup of the MPITS in 2011, inferred to be related to the arrest of contaminant migration to the northwest arm through continuous operation of the MPE wells. Due to slight increases in the contaminant concentrations since February 2023, the current short-term classification for well BLM-26-404 is "natural migration – no overall T-C" trend. The increases may potentially be related to a reduction in extraction volume from the MPITS associated with inactivity at well MPE-8 since 2024. The T-C trends in the area are being monitored to evaluate the impact of recently activated extraction wells MPE-3 and MPE-4.

Well BLM-5-527 represents the only monitoring well in the WSTF network interpreted to have a "natural migration: increasing T-C" trend at WSTF. The increase is inferred to reflect the migration of contaminants into low conductivity rhyolite bedrock near the leading edge of the northwest-trending arm. Although the flow of contaminants to the northwest arm was arrested following MPITS startup, COC mass already present within the arm may have still migrated into this location. The latest reported concentration for TCE is 43 µg/L, and NDMA 0.22 µg/L.

Main Plume Well Group: Wells in this group are located within the western section of the groundwater plume at the Plume Front and show long-term declining trends related to natural migration or pumping based on the proximity to the PFTS extraction wells that became operational in 2001. No changes in the interpretation for the analytical trends were performed for this reporting period. Contaminant concentrations within this group decline during intervals of system operation and rebound during quiescent non-operational periods.

Plume Front Well Group: Monitoring wells within this group are used to identify and monitor the periphery of the plume and include wells within the main portion of the plume and those installed near the

leading edge of the plume. Groundwater analytical results have typically reflected long-term "ND" or "low-level NDMA detections <4.9 ng/L" since the inception of sampling. No monitoring wells were classified as "Fluctuating Low-Level NDMA Detection (>4.9 ng/L)" within the area for this quarter. Multiport monitoring well ST-7-544 at the leading edge of the TCE plume front (T-C plot provided) is characterized as having a "pumping-related migration: increasing T-C trend" for this quarter. The latest reported concentration for TCE is 7.1 µg/L, and recent previous detections of TCE above 5 µg/L require careful evaluation with respect to performance of the PFTS extraction wells.

Sentinel Well Group: Monitoring wells within this group form a more distal tier located outside the groundwater contaminant plume and have all historically shown long-term trends that are "ND" or "low-level NDMA detections <4.9 ng/L" since the inception of sampling. For this reporting period, one monitoring well (WW-5) was classified as "Fluctuating Low-Level NDMA Detection (>4.9 ng/L)" for this quarter with a concentration of 7.8 ng/L (K Flag). WW-5 represents the only well with this classification for this quarter.

Other Well Group – Plume Front Extraction Wells: There were no significant changes in the extraction well interpretations for this reporting period. The T-C Plots for the six PFTS wells; PFE-1, PFE-2, PFE-3, PFE-4A, PFE-5, and PFE-7 are included in Appendix E. The high-volume extraction wells typically exhibit long-term declining trends when operational due to pumping-related plume dilution within the alluvial aquifer at the Plume Front. Well PFE-2 has shown pumping-related short-term fluctuations since 2021 and is being carefully monitored for increases in contaminant concentrations.

6.4 Summary of Source Area Investigations

The following subsections summarize the status of each SWMU or HWMU at WSTF and provide specific information on work performed during the first calendar quarter of 2026. Relevant historical information including investigation status, and full submittal history for each potential source area is provided in Appendix F.

6.4.1 200 Area

NASA continues work associated with the investigation of two HWMUs and SWMUs in the 200 Area. During the first quarter of 2026, NMED continued reviewing the follow-on *200 and 600 Area Vapor Monitoring and Intrusion Assessment (VMIA) Abbreviated Investigation Work Plan (AIWP)* (November 26, 2024; NASA, 2024j).

6.4.2 300 Area

In the first quarter of 2026, NMED continued reviewing the *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 300-001-GSV and 400-001-GW Analytical Results* (NASA, 2024f) and the *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 300-002-GSV* (NASA, 2024g).

6.4.3 400 Area

During the first quarter of 2026, NMED continued reviewing the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – Fourth Quarter 2024*, submitted on May 29, 2025 (NASA, 2025e).

6.4.4 600 Area Perched Groundwater Extraction and Investigations

During the first quarter of 2026, activities related to perched groundwater investigations included:

- NASA suspended perched groundwater extraction from monitoring well 600-G-138 in mid-July 2025 with the goal to transition into the TMRP.
- NMED is reviewing the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 12* (NASA, 2025a).
- NMED is reviewing the *NASA White Sands Test Facility (WSTF) 600 Area Perched Groundwater Phase IIa Status Report* on June 30, 2025 (NASA, 2025e).

6.4.5 SWMUs 2, 8, and 34 and Area of Concern (AOC) 51 (Wastewater Lagoons)

NASA completed investigation reporting work required to support closure of the WSTF Wastewater Lagoons in the 100, 200, and 600 Areas and at the Second Tracking and Data Relay Satellite (TDRS) Ground Terminal (STGT). Activities during the first quarter of 2026 are summarized below. More detailed information is provided in Appendix F.

- On November 17, 2025, NMED disapproved the *Response to Disapproval of NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report* (April 29, 2024; NASA, 2024b) with three comments. NMED directed NASA to address the comments and submit a revised investigation report no later than March 20, 2026. NASA addressed NMED's comments and submitted the *Response to Second Disapproval of the NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report* on February 10, 2026 (NASA, 2026a).

- NMED is reviewing the *Response to Second Disapproval of the NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report* (March 28, 2025; NASA 2025b).

6.4.6 SWMU 10 (200 Area Hazardous Waste Transmission Lines [HWTL])

There was no significant activity associated with SWMU 10 in the first quarter of 2026. Complete information on the SWMU is provided in Appendix F.

6.4.7 SWMU 16 (600 Area Bureau of Land Management [BLM] Off-Site Soil Pile)

During the first quarter of 2026, NMED continued reviewing the *NASA WSTF 600 Area Bureau of Land Management Off-Site Pile (SWMU 16) Remedy Completion Report and Risk Screen Evaluation* (November 19, 2024; NASA, 2024h).

6.4.8 SWMUs 21–27 (Septic Tanks) and SWMUs 30 & 31 (Small Arms Firing Ranges)

NASA previously determined that these units are suitable for corrective action complete status and submitted the *Documentation of Public Meeting supporting Petition For Class 3 Permit Modification of the White Sands Test Facility RCRA Permit* on November 21, 2024 (NASA, 2024i). On February 21, 2026 NMED released the *Notice of Public Comment Period and Opportunity to Request a Public Hearing on a Draft Hazardous Waste Permit Modification for the NASA White Sands Test Facility* (NMED, 2026). NMED and NASA consulted several times during the first quarter of 2026 to support NMED's continued review of the permit modification request.

6.4.9 SWMU 29 (STGT Small Arms Firing Range)

There was no significant activity associated with SWMU 29 in the first quarter of 2026. Further information on the SWMU is provided in Appendix F.

6.4.10 SWMU 33 (300 Area Test Stand 302 Cooling Water Pond)

There was no significant activity associated with SWMU 33 in the first quarter of 2026. Submittal of the investigation report for SWMU 33 has been extended to September 30, 2030 as approved by NMED (NMED, 2025a). Further information on the SWMU is provided in Appendix F.

6.4.11 SWMU 47 (500 Fuel Storage Area)

There was no significant activity associated with SWMU 47 in the first quarter of 2026. Further information on the SWMU is provided in Appendix F.

6.4.12 SWMU 49 (700 Area Landfill)

There was no significant activity associated with SWMU 49 in the first quarter of 2026. Submittal of the investigation report for SWMU 49 has been extended to September 30, 2031 as approved by NMED (NMED, 2025b). Further information on the SWMU is provided in Appendix F.

6.4.13 SWMU 50 (First TDRS Diesel Release)

There was no significant activity associated with SWMU 50 in the first quarter of 2026. Further information on the SWMU is provided in Appendix F.

6.4.14 SWMU 52 (Second TDRS UST)

No additional activity is planned at this SWMU for the foreseeable future following NMED's approval with a modification on August 8, 2022 (NMED, 2022).

6.4.15 SWMU 54 (500 Area Former Oxidizer Burner)

During the fourth quarter of 2025, NMED continued reviewing the *500 Area Former Oxidizer Burning (SWMU 52) Investigation Report* (NASA, 2024d).

6.4.16 Dye Tracer Test Investigation

NMED disapproved the *Request to Indefinitely Defer Submittal of Completion Report for Monitoring Wells 200-001-GW, 200-002-GW, and 400-002-GW* (NASA, 2025d), with direction to submit the report documenting project activities to NMED no later than December 31, 2026. NASA submitted the *Proposal to Withdraw the Abbreviated Drilling Work Plan (ADWP) for Three Well Installations Downgradient of the 200 and 400 Areas* on March 9, 2026 (NASA, 2026b).

6.4.17 Per- and polyfluoroalkyl substances

During the first quarter of 2026, NMED continued reviewing the *NASA WSTF Per- and Polyfluoroalkyl Substances Investigation Work Plan* (NASA, 2025f). NASA completed aqueous sampling for PFAS constituents as specified in the plan and expects to develop a report on the results following NMED review and approval of the work plan.

7.0 Planned Activities

This section discusses NASA's planned activities related to groundwater monitoring at WSTF.

7.1 Groundwater Monitoring and Related Projects

7.1.1 Monitoring Well Performance or Sampling Equipment Issues

NASA plans to address well performance as summarized in Section 6.1.

7.1.2 Westbay Well Reconfiguration.

NASA plans to complete fieldwork to replace former Westbay monitoring well PL-6 with well 600C-002-GW (NASA, 2022) in the second quarter of 2026. Additional Westbay wells are also scheduled for reconfiguration pending NMED approval of associated work plans. Additional information is provided in Appendix F.

7.1.3 Monitoring Well Installation

No further monitoring well installation activities are planned for the second quarter of 2026. Additional information is provided in Appendix F.

7.2 Groundwater Remediation System Monitoring

The RSMP (NASA, 2024c) and DP-1255 (NMED, 2023b) include provisions for monitoring the effectiveness of the PFTS and MPITS. Sampling at designated locations, including extraction wells and remediation system sampling points, will continue as required during remediation system operational periods in accordance with the RSMP and/or DP-1255. Monitoring well sampling to assess remediation system effectiveness will continue in accordance with the GMP (NASA, 2024a).

8.0 References

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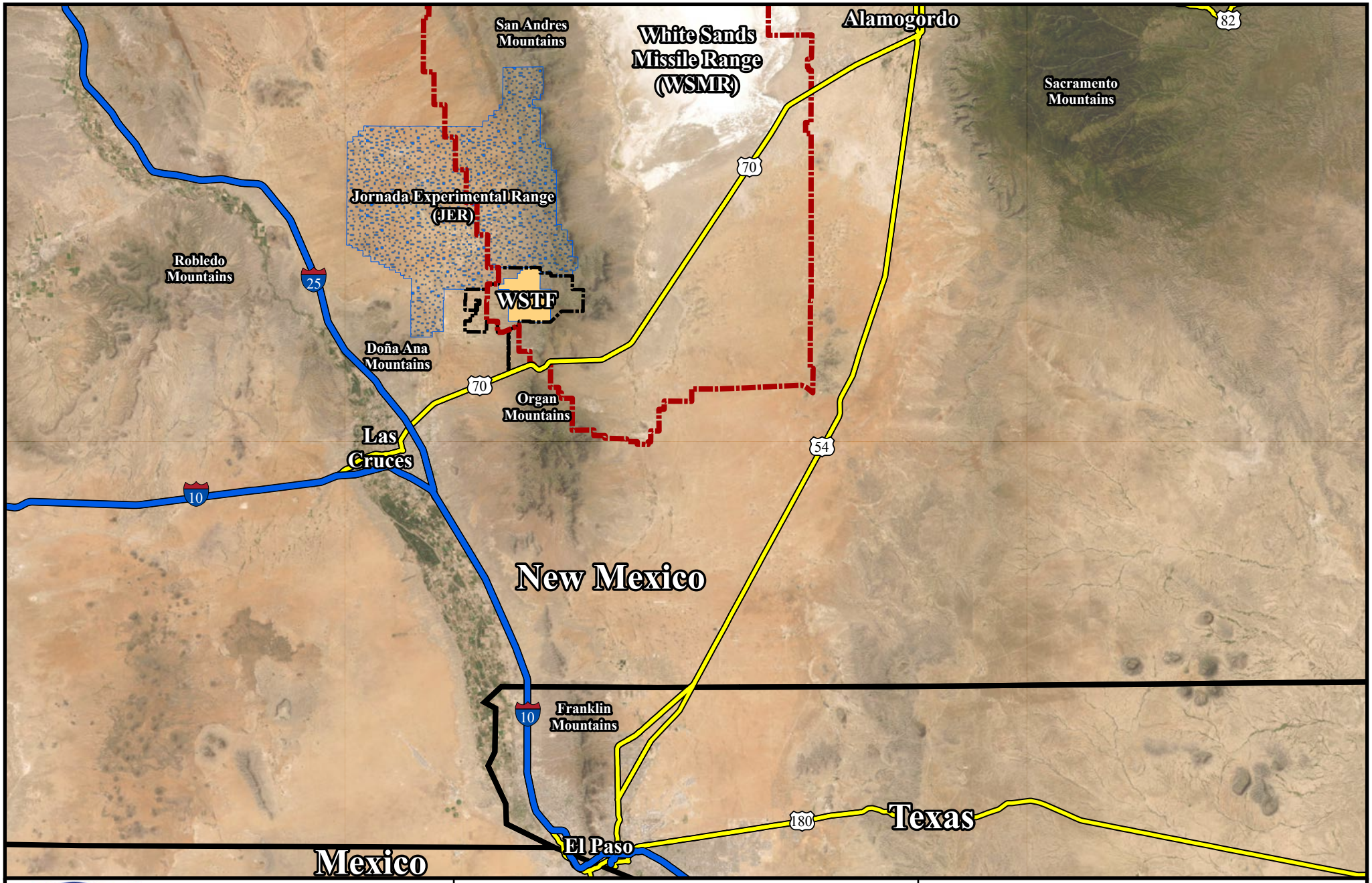
Figures

Figure 1.1 WSTF Location Map

(SEE NEXT PAGE)



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February 2026

Miles
0 6 12 24

- WSMR Boundary
- WSTF Boundary
- Jornada Experimental Range (JER)
- WSTF Industrial Area

WSTF Location Map

NASA Johnson Space Center
White Sands Test Facility
Las Cruces, New Mexico

Coordinate System:
NAD 1983 StatePlane New Mexico Central FIPS 3002 Feet

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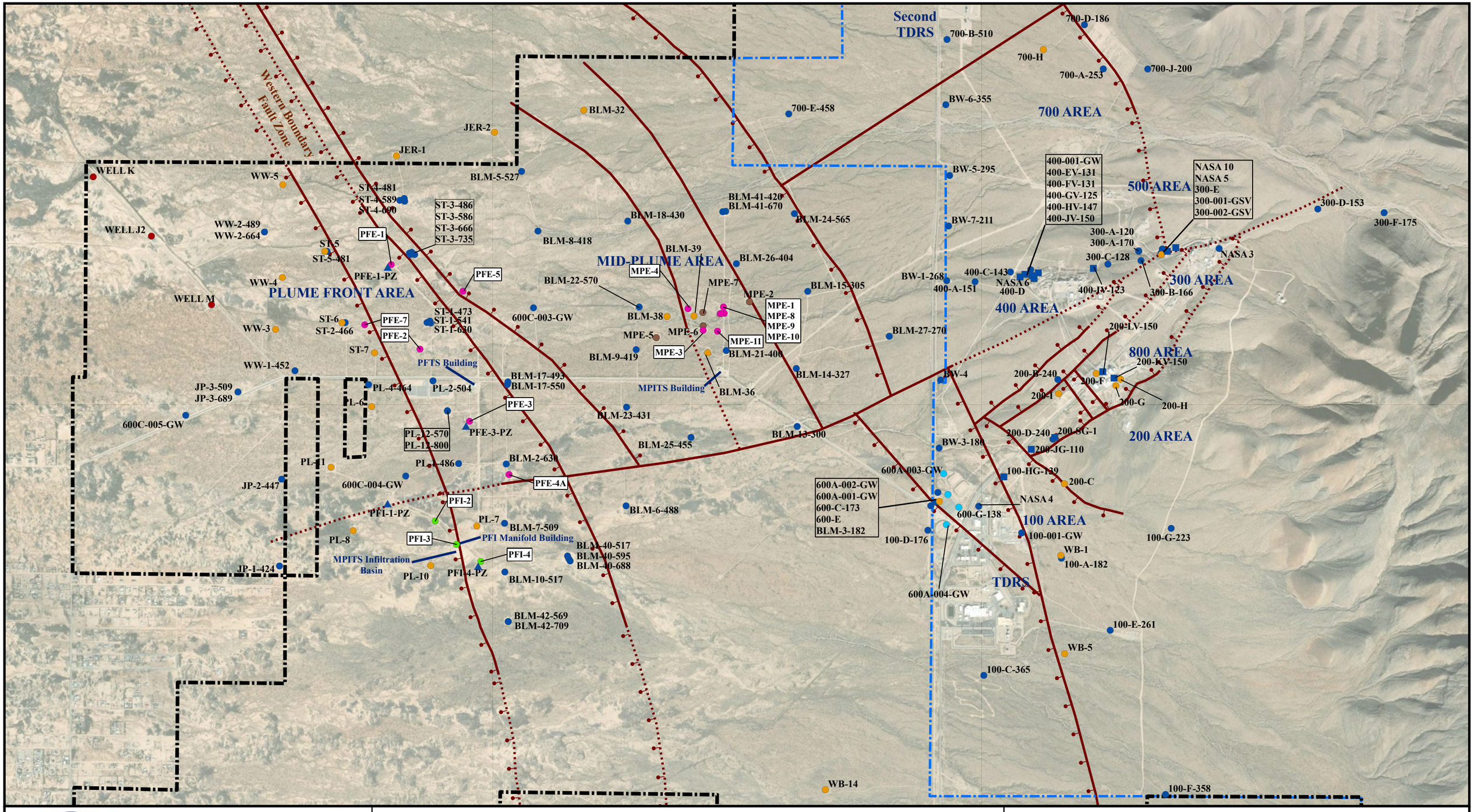
Figure 1.2 WSTF Well Location Map

(SEE NEXT PAGE)



WSTF Well Location Map

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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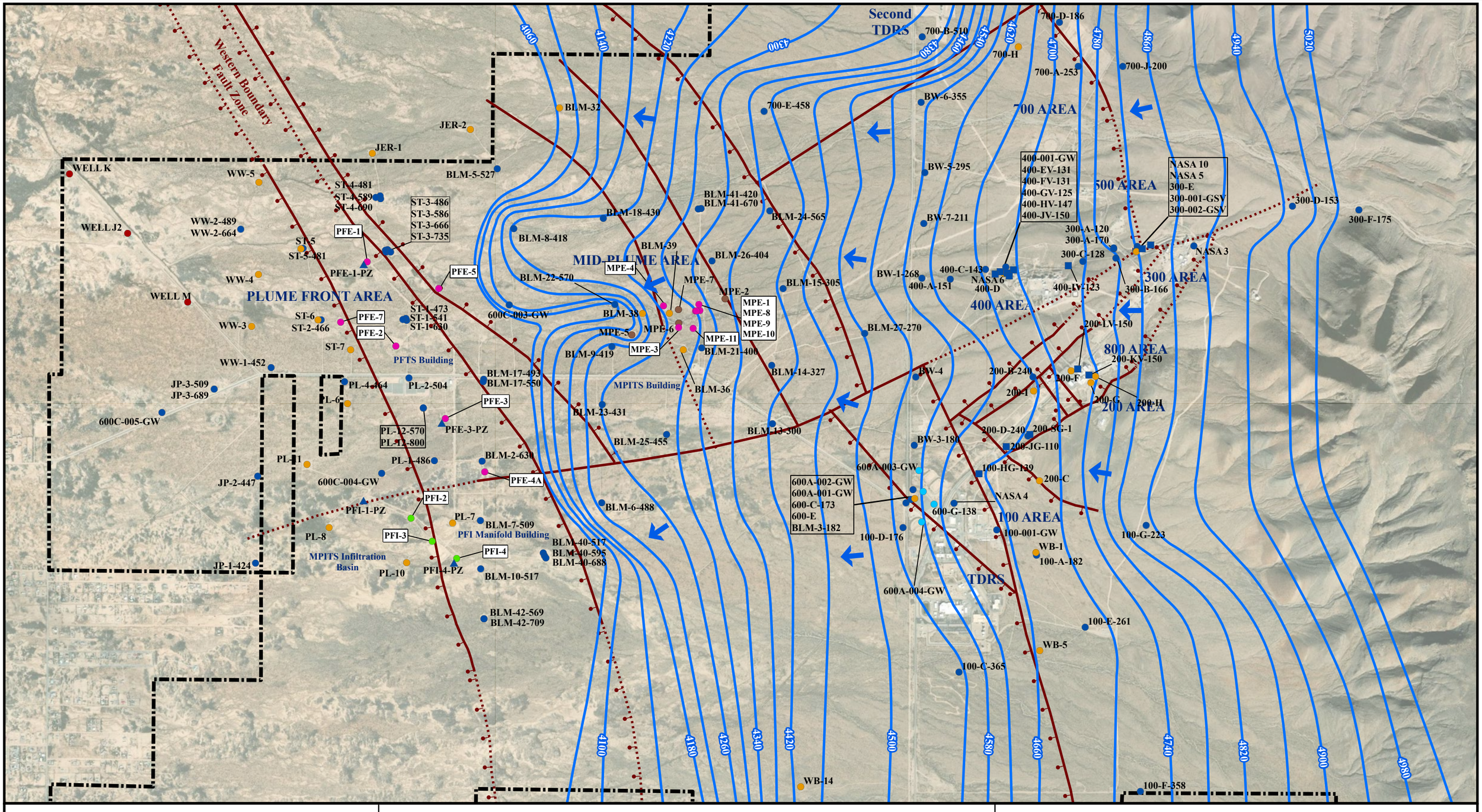
Figure 4.1 Groundwater Elevations and Generalized Flow Directions for the Reporting Period

(SEE NEXT PAGE)



0 1,250 2,500 5,000 Feet

0 0.25 0.5 1 Miles

N W E S

April 2026

- Conventional Monitoring Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport Monitoring Well
- Perched Monitoring Well
- Piezometer
- Production Well
- MSVGM Well
- Groundwater Flow Direction
- WSTF Boundary
- Fault, Uncertain
- Fault
- 4500 Groundwater Elevation 40 Feet Contour

Site-Wide Groundwater Elevations for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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Figure 4.2 Site-Wide N-Nitrosodimethylamine (NDMA) Concentrations for the Reporting Period

(SEE NEXT PAGE)

NDMA Maximum Concentrations in Groundwater for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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April 2026

1 in = 2,167 ft
Feet
0 1,600 3,200

N
W E
S

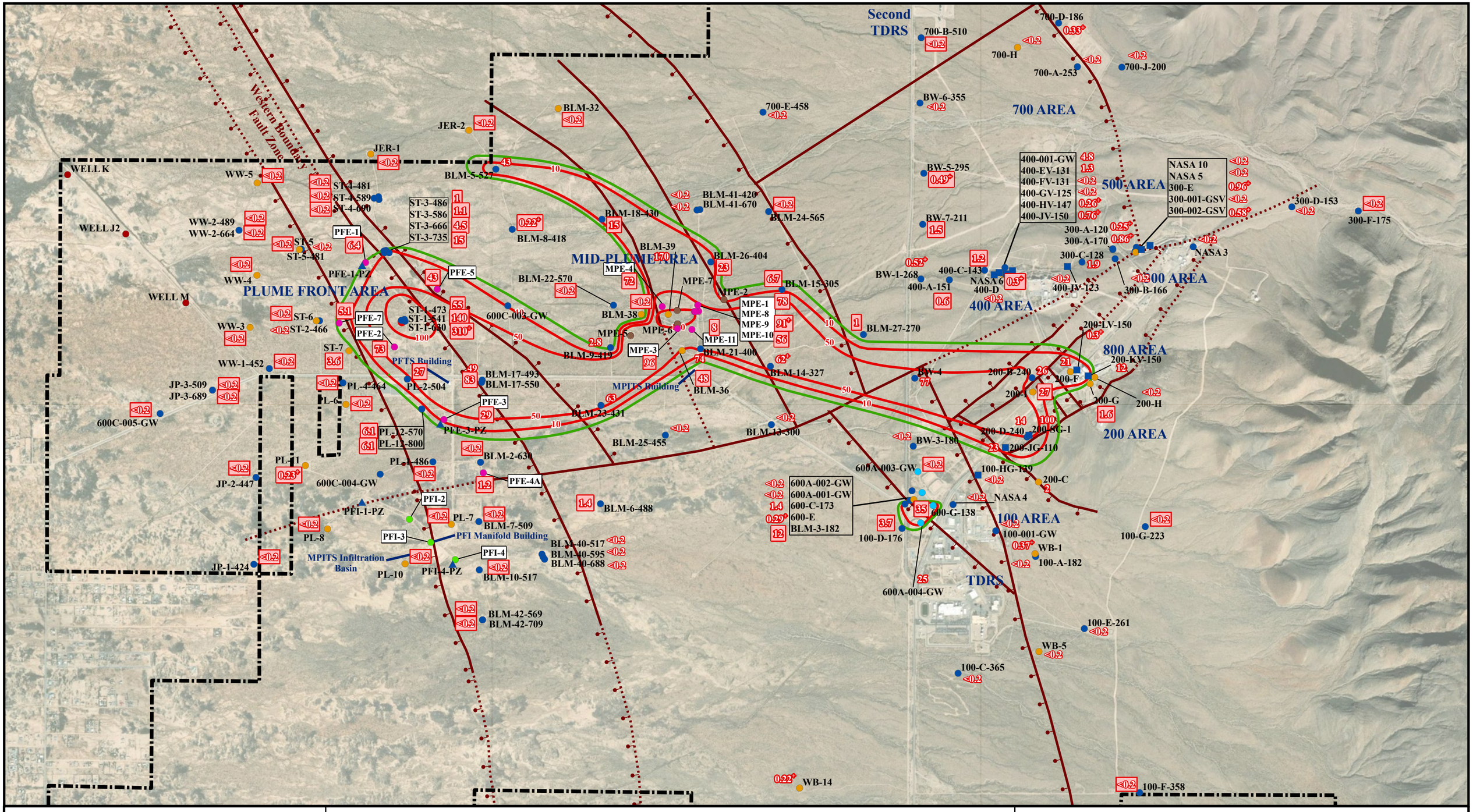
- Conventional Monitoring Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport Monitoring Well
- Perched Monitoring Well
- Piezometer
- Production Well
- MSVGM Well
- Fault, Uncertain
- Fault
- 50 Equiconcentration Line (ng/L)
- NDMA Cleanup Level (4.9 ng/L)
- WSTF Boundary

Note:
Method 607 NDMA results corrected for extraction efficiency.
+ - Data value has a QA flag. See Appendix A.2 for specific flags.
50 - Sample event result was within the quarterly date range.
No outline indicates an earlier sample event.
- Non-detect values displayed "<Detection Limit" in ng/L.
- No value indicates the well has not been sampled in the last year.

Second TDRS
700 AREA
500 AREA
400 AREA
300 AREA
800 AREA
200 AREA
100 AREA
TDRS
PLUME FRONT AREA
MID-PLUME AREA
MPITS Building
PFTS Building
PFI Manifold Building
MPITS Infiltration Basin
WELL K
WELL J2
WELL M
WW-5 7.7
WW-2-489 <0.35
WW-2-664 <0.35
WW-4 1.4
WW-3 0.79+
WW-1-452 0.54
JP-3-509 <0.34
JP-3-689 <0.35
<0.32
600C-005-GW
JP-2-447 1
600C-004-GW
JER-1 2.4+
JER-2 3
ST-4-481 <0.34
ST-4-589 <0.35
ST-4-600 <0.34
ST-5 0.9+
ST-5-481 <0.34
ST-6 0.70+
ST-2-466 <0.0048
ST-7 0.75+
PFE-1 120
PFE-1-PZ
PFE-2 260
PFE-3 120
PFE-3-PZ
PFE-4A 19
PFE-5 430
PFE-7 2.5
ST-1-473 320
ST-1-541 3600
ST-1-630 490
PL-2-504
PL-4-464 <0.35
PL-6 1.9+
PL-8 0.67+
PL-10 0.61+
PL-11 1.6+
PL-12-570 0.97
PL-12-800 1.5
PL-1-486 <0.34
PFI-1-PZ
PFI-2
PFI-3
PFI-4
PFI-4-PZ
PL-7 1.1+
JP-1-424 1.1
ST-3-486 <0.0051
ST-3-586 <0.0051
ST-3-666 12+
ST-3-735 230
BLM-32 0.93
BLM-5-527 220
BLM-8-418 0.43+
BLM-18-430 20+
BLM-39 3700
BLM-41-420 0.41+
BLM-41-670 <0.0052
BLM-24-565 1+
BLM-26-404 170
BLM-22-570 <0.34
600C-003-GW
BLM-38
BLM-9-419 17+
BLM-17-493 980
BLM-17-550 750
BLM-23-431 310
BLM-25-455 <0.34
BLM-2-630 <0.36
BLM-7-509 0.38+
BLM-40-517 <0.0049
BLM-40-595 <0.005
BLM-40-688 <0.34
BLM-10-517 1.7
BLM-42-569 0.35+
BLM-42-709 0.37+
BLM-6-488 1.5
MPE-4 2500
MPE-7
MPE-2 17000+
MPE-1 3800
MPE-8
MPE-9 5700
MPE-10 5700
MPE-6 390
MPE-11
MPE-5
MPE-3 5500
BLM-21-400 520
BLM-36 570
BLM-15-305 5000
BLM-27-270 8200
BLM-14-327 390
BLM-13-500 2.5+
700-E-458 <0.0047
700-B-510 <0.005
700-H <0.0049
700-D-186 <0.0049
700-A-253 <0.0048
700-J-200 <0.0047
BW-6-355 <0.0047
BW-5-295 1100
BW-7-211 3800
BW-1-268 6300
400-A-151 13000+
400-C-143 8800
NASA 6 26000+
400-D <0.0049
BW-4 62
BW-3-180 <0.0047
600A-003-GW <0.005
600A-002-GW <0.0048
600A-001-GW <0.0048
600-C-173 <0.0049
600-E <0.0048
BLM-3-182 <0.0051
600A-004-GW <0.005
600-G-138 <0.0048
100-D-176 <0.0051
WB-14 <0.0049
400-001-GW 4900
400-EV-131 900
400-FV-131 540
400-GV-125 380
400-HV-147 210000+
400-JV-150 3300
300-A-120 1500
300-A-170 2300
300-C-128 3900
400-JV-123 <0.0051
300-B-166 6100
NASA 10 38
NASA 5 290
300-E 1300
300-001-GSV 20000+
300-002-GSV 540
NASA 3 <0.0048
300-D-153 <0.0049
300-F-175 <0.35
200-LV-150 <0.0051
200-KV-150 <0.0047
200-F <0.0048
200-G <0.0051
200-H <0.005
200-I <0.005
200-B-240 180
200-D-240 <0.0047
200-SG-1 <0.0048
200-JG-110 <0.0047
100-HG-139 <0.0049
200-C <0.0049
NASA 4 <0.0048
100-001-GW <0.005
WB-1 <0.005
100-A-182 <0.0048
100-G-223 1.1+
100-E-261 <0.0048
WB-5 <0.0049
100-C-365 <0.005
100-F-358 <0.35

Figure 4.3 Site-Wide Trichloroethene (TCE) Concentrations for the Reporting Period

(SEE NEXT PAGE)



TCE Maximum Concentrations in Groundwater for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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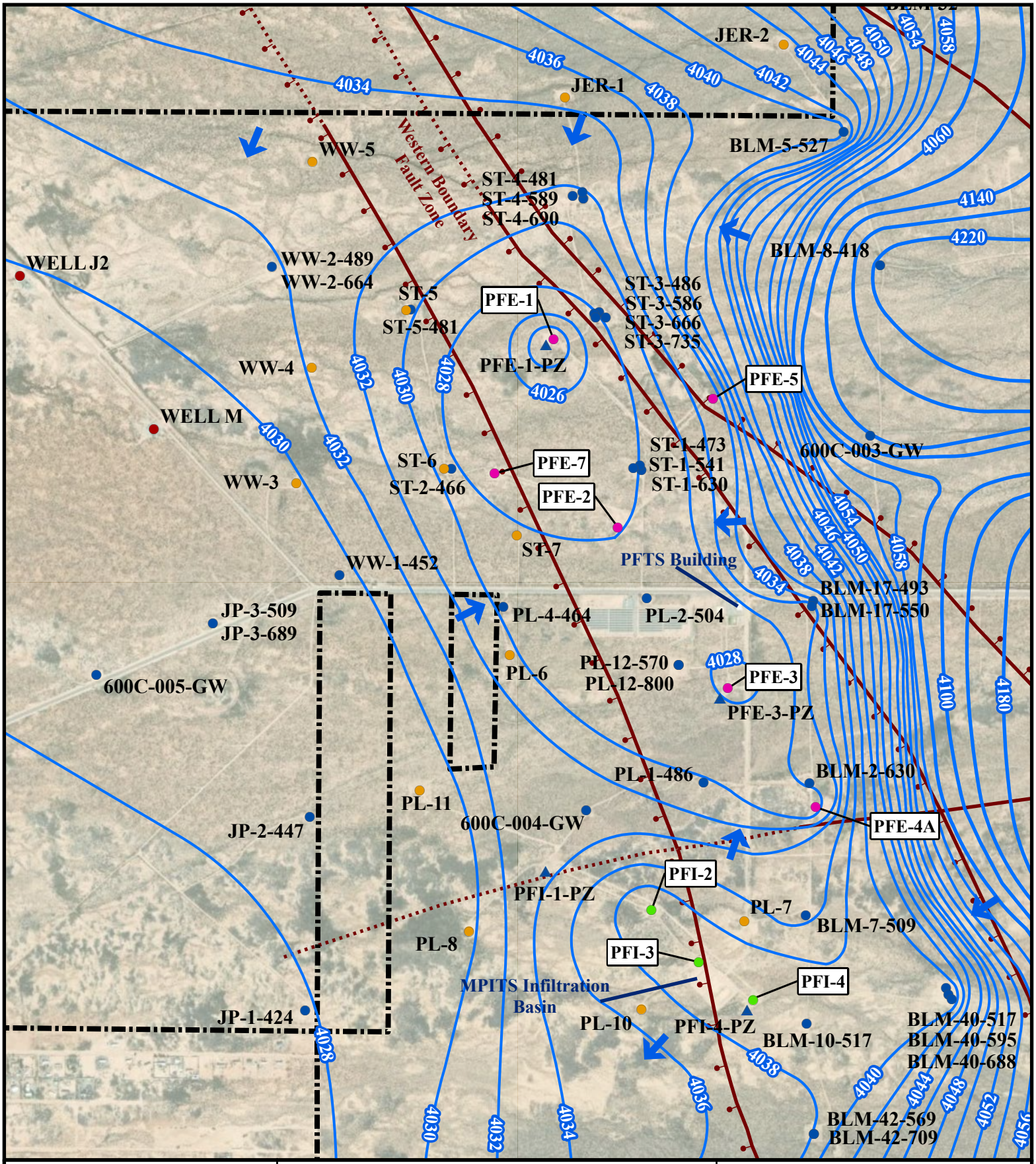
Figure 6.1 Plume Front Groundwater Elevations for the Reporting Period

(SEE NEXT PAGE)



Plume Front Groundwater Elevations for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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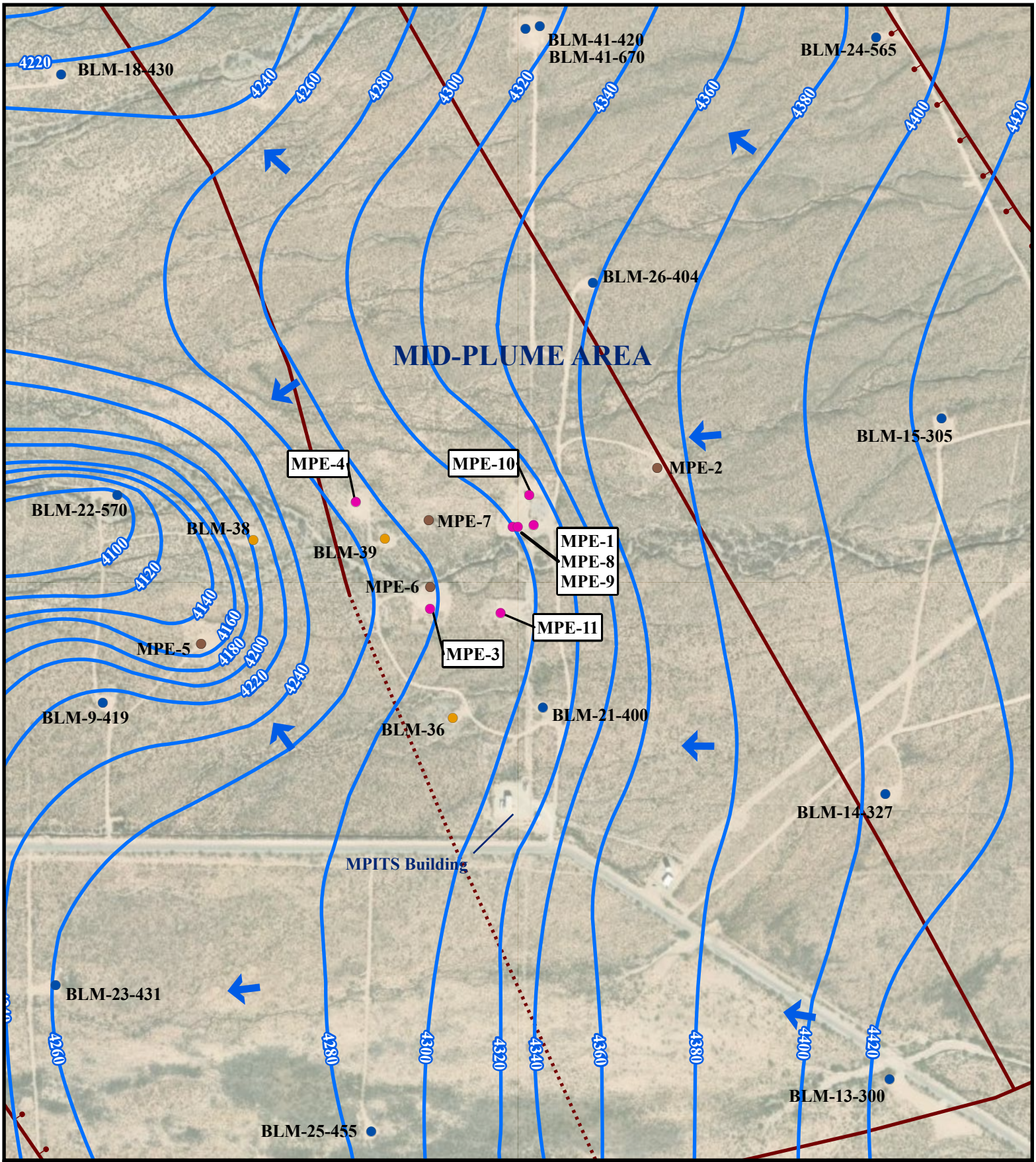
Figure 6.2 Mid-plume Groundwater Elevations for the Reporting Period

(SEE NEXT PAGE)



Mid-Plume Groundwater Elevations for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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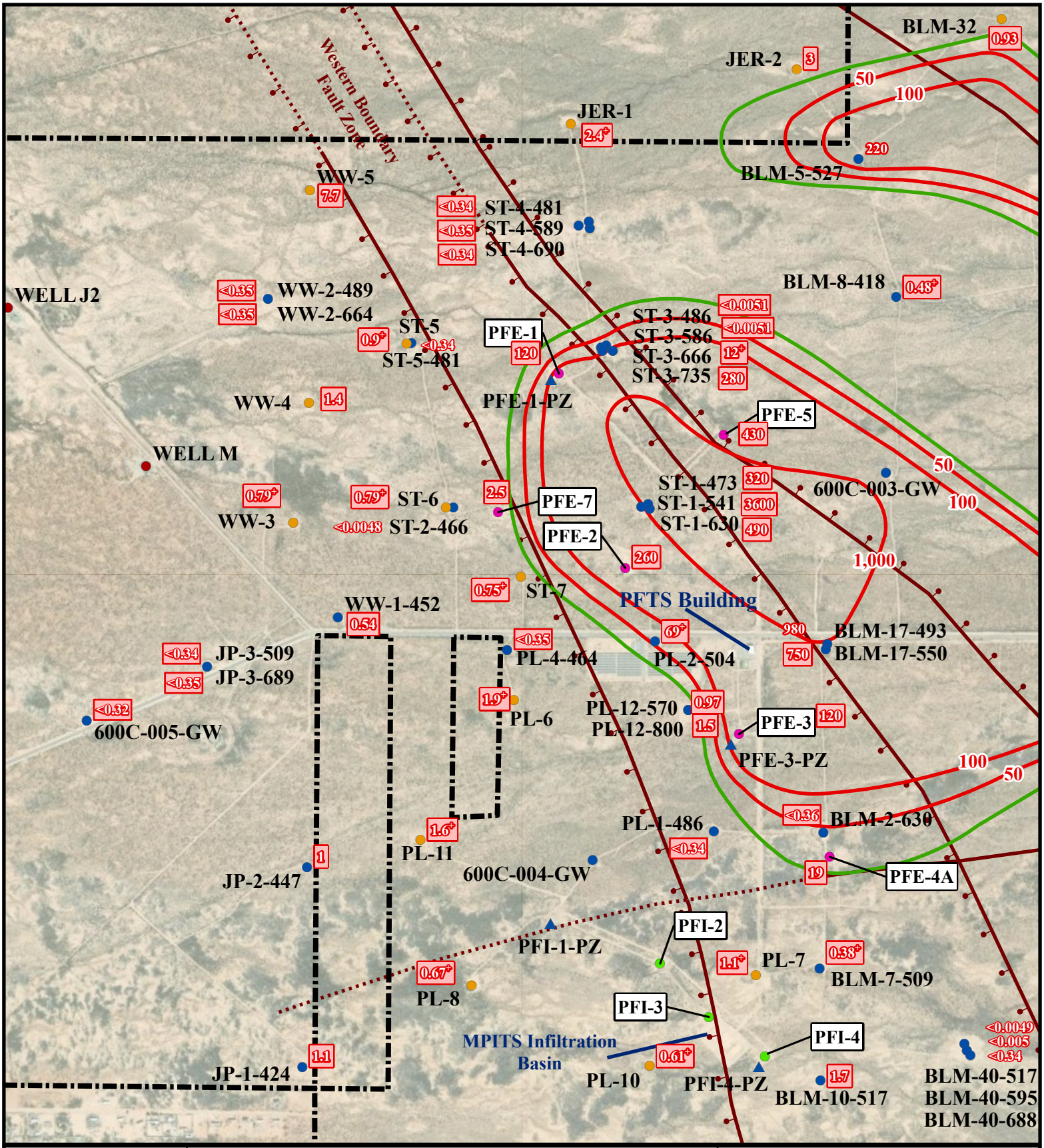
Figure 6.3 NDMA Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)



N
W E
S

April 2026

0 350 700 1,400 Feet

- Conventional Monitoring Well
- Multiport Monitoring Well
- Extraction Well
- Injection Well
- Piezometer
- Production Well
- WSTF Boundary
- 10 Equiconcentration Line (ng/L)
- NDMA Cleanup Level (4.9 ng/L)
- Fault
- Fault, Uncertain

Note:
+ - Data value has a QA flag. See Appendix A.2 for specific flags.
50 - Sample event result was within the quarterly date range. No outline indicates an earlier sample event.
- Non-detect values displayed "<Detection Limit" in µg/L.
- No value indicates the well has not been sampled in the last year.

Plume Front NDMA Maximum Concentrations in Groundwater for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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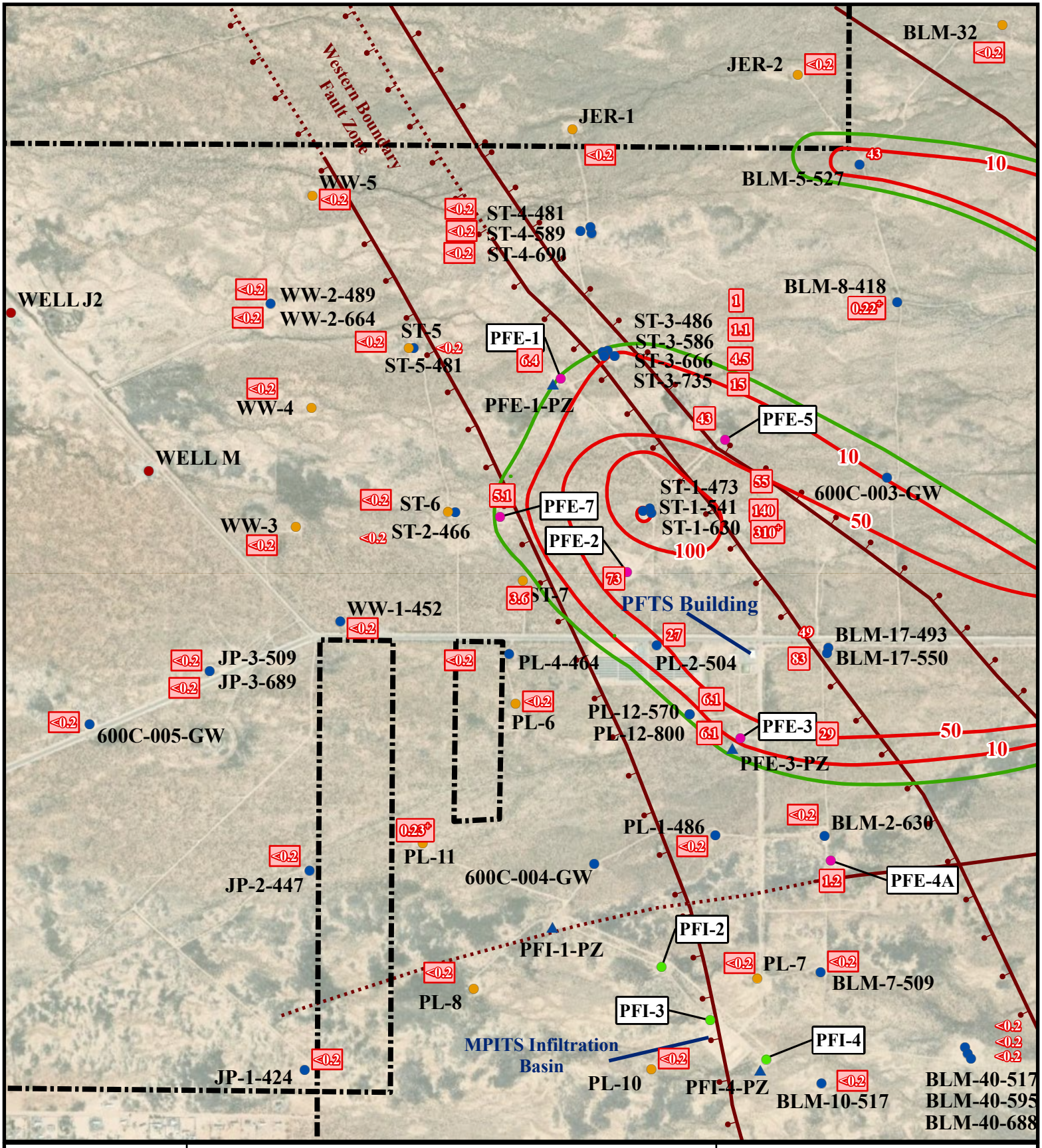
Figure 6.4 TCE Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)



N
W E
S

April 2026

0 350 700 1,400 Feet

- Conventional Monitoring Well
- Multiport Monitoring Well
- Extraction Well
- Injection Well
- Piezometer
- Production Well
- WSTF Boundary
- 10 Equiconcentration Line (ug/L)
- TCE Cleanup Level (5.0 ug/L)
- Fault, Uncertain
- Fault

Note:
+ - Data value has a QA flag. See Appendix A.2 for specific flags.
50 - Sample event result was within the quarterly date range. No outline indicates an earlier sample event.
- Non-detect values displayed "<Detection Limit" in µg/L.
- No value indicates the well has not been sampled in the last year.

Plume Front TCE Maximum Concentrations in Groundwater for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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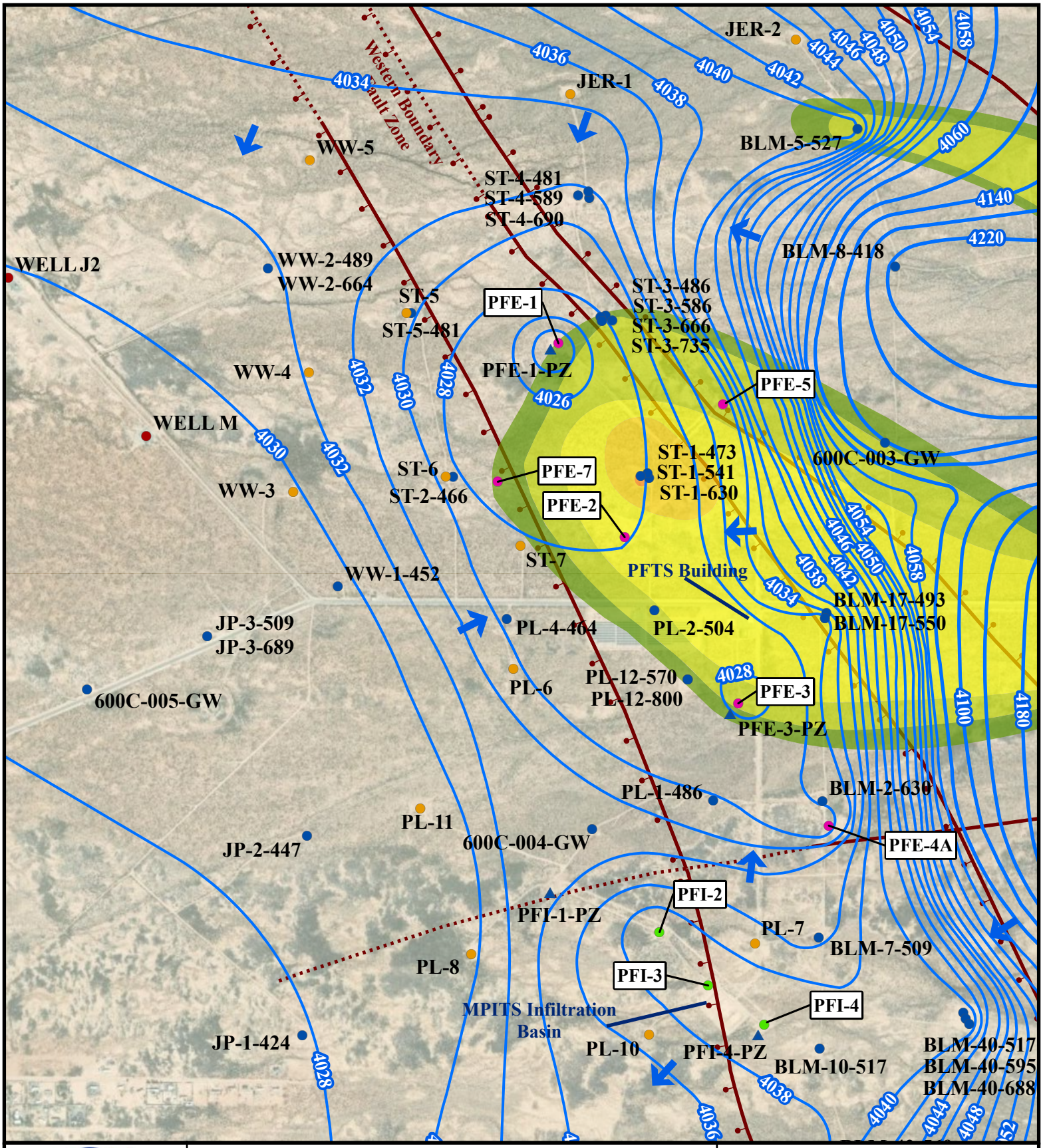
Figure 6.5 TCE Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)



N
W E
S

April 2026

0 350 700 1,400 Feet

- Conventional Monitoring Well
- Extraction Well
- Injection Well
- Multiport Monitoring Well
- Piezometer
- Production Well

TCE Concentration (ug/L)

5.0 10 50 100 200

- 4048 Groundwater Elevation 40 Feet Contour
- 4060 Groundwater Elevation 2 Feet Contour
- Fault, Uncertain
- Fault

Plume Front Groundwater Elevations and TCE Concentration for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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Tables

Table 3.1 DP-1255 Discharge Standards and Groundwater Cleanup Levels for WSTF COCs

Contaminant	Chemical Abstract Number	DP-1255 Standard (µg/L)	Cleanup Level (µg/L)
Carcinogens			
NDMA	62-75-9	0.0042	0.00491[1]
TCE	79-01-6	5.0	5.0[2]
PCE	127-18-4	1.1	5.0[2]
Chloroform	67-66-3	1.9	100[2]

Notes:

[1] Cleanup Level based on most recent version of the NMED Risk Assessment Guidance for Site Investigations and Remediation (RAG), Appendix A, Tap Water (Cancer).

[2] Cleanup Level established by WQCC – New Mexico Water Quality Control Commission Numerical Standard (from 20.6.2.3103 NMAC).

Table 3.2 Accepted New Detections for This Reporting Period

Well ID	CAS Number	Analyte
No accepted new detections this reporting period.		

Table 3.3 Unconfirmed New Detections – Resolution Pending

Well ID	CAS Number	Analyte	Scheduled Resample Date
BLM-36-610	7440-02-0	Nickel, Total	5/5/2026
BLM-24-565	7440-02-0	Nickel, Total	5/9/2026
PL-7-560	7440-02-0	Nickel, Total	5/12/2026
WW-4-419	7440-02-0	Nickel, Total	5/12/2026
WW-4-589	7440-02-0	Nickel, Total	5/12/2026
WW-4-948	7440-02-0	Nickel, Total	5/13/2026
ST-3-735	7439-98-7	Molybdenum, Total	6/4/2026
ST-6-824	96-18-4	1,2,3-Trichloropropane	6/5/2026
ST-6-824	56-23-5	Carbon Tetrachloride	6/5/2026
ST-6-824	75-00-3	Chloroethane	6/5/2026
ST-4-690	7440-02-0	Nickel, Total	6/9/2026
100-E-261	14797-73-0	Perchlorate	6/17/2026
JP-2-447	110-82-7	Cyclohexane	7/1/2026
BLM-10-517	75-15-0	Carbon Disulfide	7/6/2026
100-G-223	62-75-9	N-Nitrosodimethylamine	7/7/2026
ST-5-985	7440-02-0	Nickel, Total	8/11/2026
ST-5-815	7440-02-0	Nickel, Total	8/12/2026
BLM-9-419	7440-02-0	Nickel, Total	9/2/2026
PL-11-470	314-40-9	Bromacil	9/3/2026
PL-11-530	7440-02-0	Nickel, Total	9/3/2026
PL-11-710	7440-02-0	Nickel, Total	9/4/2026
PL-11-980	7440-02-0	Nickel, Total	9/4/2026
BLM-42-569	7440-02-0	Nickel, Total	9/8/2026
BLM-42-709	7440-02-0	Nickel, Total	9/8/2026
ST-6-528	7440-50-8	Copper, Total	9/8/2026
ST-6-528	7440-66-6	Zinc, Total	9/8/2026
ST-6-528	7440-66-6	Zinc, Total	9/8/2026
ST-6-824	7440-42-8	Boron, Total	9/10/2026
ST-6-970	7440-42-8	Boron, Total	9/10/2026
ST-6-970	7440-50-8	Copper, Total	9/10/2026
ST-6-970	7440-02-0	Nickel, Total	9/10/2026
BLM-5-527	127-18-4	Tetrachloroethene (PCE)	9/17/2026
300-D-153	314-40-9	Bromacil	9/18/2026
ST-7-544	7440-50-8	Copper, Total	10/1/2026
ST-7-544	7440-50-8	Copper, Total	10/1/2026
ST-7-779	7440-02-0	Nickel, Total	10/1/2026
ST-7-970	7440-50-8	Copper, Total	10/1/2026
JER-1-483	7440-02-0	Nickel, Total	10/2/2026
JER-1-563	7440-02-0	Nickel, Total	10/2/2026

Well ID	CAS Number	Analyte	Scheduled Resample Date
JER-1-683	7440-02-0	Nickel, Total	10/2/2026
JER-2-504	314-40-9	Bromacil	10/6/2026
JER-2-504	7440-02-0	Nickel, Total	10/6/2026
JER-2-584	7440-02-0	Nickel, Total	10/6/2026
JER-2-684	7440-02-0	Nickel, Total	10/7/2026
WW-5-459	7440-50-8	Copper, Total	10/8/2026
WW-5-579	7440-02-0	Nickel, Total	10/8/2026
WW-5-809	7440-02-0	Nickel, Total	10/13/2026
BLM-40-595	314-40-9	Bromacil	10/14/2026
400-IV-123	7440-47-3	Chromium, Total	10/15/2026
400-HV-147	7440-02-0	Nickel, Total	10/16/2026
BLM-10-517	75-15-0	Carbon Disulfide	10/20/2026
200-G-220	75-69-4	Trichlorofluoromethane (CFC 11)	12/5/2026
BLM-6-488	208-96-8	Acenaphthylene	1/5/2027
PL-6-1195	314-40-9	Bromacil	1/5/2027
BLM-10-517	314-40-9	Bromacil	1/6/2027
PL-6-1335	7440-02-0	Nickel, Total	1/6/2027
PL-6-915	7440-02-0	Nickel, Total	1/7/2027
PL-10-484	314-40-9	Bromacil	1/15/2028
BLM-36-610	7440-02-0	Nickel, Total	5/5/2026
BLM-24-565	7440-02-0	Nickel, Total	5/9/2026
PL-7-560	7440-02-0	Nickel, Total	5/12/2026
WW-4-419	7440-02-0	Nickel, Total	5/12/2026
WW-4-589	7440-02-0	Nickel, Total	5/12/2026
WW-4-948	7440-02-0	Nickel, Total	5/13/2026
ST-3-735	7439-98-7	Molybdenum, Total	6/4/2026
ST-6-824	96-18-4	1,2,3-Trichloropropane	6/5/2026
ST-6-824	56-23-5	Carbon Tetrachloride	6/5/2026
ST-6-824	75-00-3	Chloroethane	6/5/2026
ST-4-690	7440-02-0	Nickel, Total	6/9/2026
100-E-261	14797-73-0	Perchlorate	6/17/2026
JP-2-447	110-82-7	Cyclohexane	7/1/2026
BLM-10-517	75-15-0	Carbon Disulfide	7/6/2026
100-G-223	62-75-9	N-Nitrosodimethylamine	7/7/2026
ST-5-985	7440-02-0	Nickel, Total	8/11/2026
ST-5-815	7440-02-0	Nickel, Total	8/12/2026
BLM-9-419	7440-02-0	Nickel, Total	9/2/2026
PL-11-470	314-40-9	Bromacil	9/3/2026
PL-11-530	7440-02-0	Nickel, Total	9/3/2026
PL-11-710	7440-02-0	Nickel, Total	9/4/2026

Well ID	CAS Number	Analyte	Scheduled Resample Date
PL-11-980	7440-02-0	Nickel, Total	9/4/2026
BLM-42-569	7440-02-0	Nickel, Total	9/8/2026
BLM-42-709	7440-02-0	Nickel, Total	9/8/2026
ST-6-528	7440-50-8	Copper, Total	9/8/2026
ST-6-528	7440-66-6	Zinc, Total	9/8/2026
ST-6-528	7440-66-6	Zinc, Total	9/8/2026
ST-6-824	7440-42-8	Boron, Total	9/10/2026
ST-6-970	7440-42-8	Boron, Total	9/10/2026
ST-6-970	7440-50-8	Copper, Total	9/10/2026
ST-6-970	7440-02-0	Nickel, Total	9/10/2026
BLM-5-527	127-18-4	Tetrachloroethene (PCE)	9/17/2026
300-D-153	314-40-9	Bromacil	9/18/2026
ST-7-544	7440-50-8	Copper, Total	10/1/2026
ST-7-544	7440-50-8	Copper, Total	10/1/2026
ST-7-779	7440-02-0	Nickel, Total	10/1/2026
ST-7-970	7440-50-8	Copper, Total	10/1/2026
JER-1-483	7440-02-0	Nickel, Total	10/2/2026
JER-1-563	7440-02-0	Nickel, Total	10/2/2026
JER-1-683	7440-02-0	Nickel, Total	10/2/2026
JER-2-504	314-40-9	Bromacil	10/6/2026
JER-2-504	7440-02-0	Nickel, Total	10/6/2026
JER-2-584	7440-02-0	Nickel, Total	10/6/2026
JER-2-684	7440-02-0	Nickel, Total	10/7/2026
WW-5-459	7440-50-8	Copper, Total	10/8/2026
WW-5-579	7440-02-0	Nickel, Total	10/8/2026
WW-5-809	7440-02-0	Nickel, Total	10/13/2026
BLM-40-595	314-40-9	Bromacil	10/14/2026
400-IV-123	7440-47-3	Chromium, Total	10/15/2026
400-HV-147	7440-02-0	Nickel, Total	10/16/2026
BLM-10-517	75-15-0	Carbon Disulfide	10/20/2026
200-G-220	75-69-4	Trichlorofluoromethane (CFC 11)	12/5/2026
BLM-6-488	208-96-8	Acenaphthylene	1/5/2027
PL-6-1195	314-40-9	Bromacil	1/5/2027
BLM-10-517	314-40-9	Bromacil	1/6/2027
PL-6-1335	7440-02-0	Nickel, Total	1/6/2027
PL-6-915	7440-02-0	Nickel, Total	1/7/2027
PL-10-484	314-40-9	Bromacil	1/15/2028

Table 3.4 Unconfirmed Detections Resolved This Reporting Period

Well ID	CAS Number	Analyte	Scheduled Resample Date	Resolution
200-SG-1	57-12-5	Cyanide, Total	9/15/2025	Confirmed
400-D-355	14797-73-0	Perchlorate	8/5/2025	Confirmed
400-HV-147	7440-02-0	Nickel, Total	10/16/2025	Confirmed
400-IV-123	7440-47-3	Chromium, Total	10/15/2025	Unconfirmed
BLM-32-571	7440-38-2	Arsenic, Total	8/12/2025	Confirmed
BLM-32-571	7440-02-0	Nickel, Total	8/12/2025	Confirmed
BLM-41-670	7440-02-0	Nickel, Total	10/15/2025	Confirmed
BLM-42-569	7440-02-0	Nickel, Total	9/8/2025	Confirmed
BLM-42-709	7440-02-0	Nickel, Total	9/8/2025	Confirmed
BLM-5-527	7440-02-0	Nickel, Total	9/17/2025	Confirmed
BLM-9-419	7440-02-0	Nickel, Total	9/2/2025	Confirmed
JER-1-483	7440-02-0	Nickel, Total	10/2/2025	Confirmed
JER-1-563	7440-02-0	Nickel, Total	10/2/2025	Confirmed
JER-1-683	7440-02-0	Nickel, Total	10/2/2025	Confirmed
JER-2-584	7440-02-0	Nickel, Total	10/6/2025	Confirmed
JER-2-684	7440-02-0	Nickel, Total	10/7/2025	Confirmed
PL-11-470	7440-02-0	Nickel, Total	9/3/2025	Confirmed
PL-11-530	7440-02-0	Nickel, Total	9/3/2025	Confirmed
PL-11-710	7440-02-0	Nickel, Total	9/4/2025	Confirmed
PL-11-820	7440-02-0	Nickel, Total	9/4/2025	Confirmed
PL-11-980	7439-96-5	Manganese, Total	9/4/2025	Confirmed
PL-11-980	7440-02-0	Nickel, Total	9/4/2025	Confirmed
ST-4-589	7440-02-0	Nickel, Total	9/4/2025	Confirmed
ST-5-1175	7440-02-0	Nickel, Total	8/13/2025	Confirmed
ST-5-815	7440-02-0	Nickel, Total	8/12/2025	Confirmed
ST-5-985	7440-02-0	Nickel, Total	8/11/2025	Confirmed
ST-6-970	7440-50-8	Copper, Total	9/10/2025	Confirmed
ST-6-970	7440-02-0	Nickel, Total	9/10/2025	Confirmed
ST-7-779	7440-02-0	Nickel, Total	10/1/2025	Confirmed
WW-5-459	7440-02-0	Nickel, Total	10/8/2025	Confirmed
WW-5-579	7440-02-0	Nickel, Total	10/8/2025	Confirmed
WW-5-579	7782-49-2	Selenium, Total	10/8/2025	Confirmed
WW-5-809	7440-02-0	Nickel, Total	10/13/2025	Unconfirmed

Well ID	CAS Number	Analyte	Scheduled Resample Date	Resolution
WW-5-909	7440-02-0	Nickel, Total	10/13/2025	Unconfirmed
BLM-17-493	7440-66-6	Zinc, Total	11/7/2025	NA - Dry well
200-I-795	62-75-9	N-Nitrosodimethylamine	11/14/2025	Unconfirmed
200-I-795	7440-09-7	Potassium, Total	11/14/2025	Confirmed
ST-1-541	7440-02-0	Nickel, Total	11/14/2025	Confirmed
ST-1-541	7440-09-7	Potassium, Total	11/14/2025	Confirmed
100-D-176	7440-09-7	Potassium, Total	11/15/2025	Confirmed
200-I-490	7440-09-7	Potassium, Total	11/15/2025	Confirmed
200-I-675	7440-09-7	Potassium, Total	11/15/2025	Confirmed
200-G-220	314-40-9	Bromacil	12/3/2025	Unconfirmed
200-G-220	75-69-4	Trichlorofluoromethane (CFC 11)	12/3/2025	Confirmed
BLM-6-488	84-74-2	Di-n-butyl Phthalate	1/2/2026	Unconfirmed
BLM-18-430	7440-02-0	Nickel, Total	1/17/2026	Confirmed
PL-6-1335	7440-02-0	Nickel, Total	1/27/2026	Confirmed
PL-6-915	7440-02-0	Nickel, Total	1/28/2026	Confirmed
JP-3-509	62-75-9	N-Nitrosodimethylamine	1/7/2026	Unconfirmed
PL-8-455	123-91-1	1,4-Dioxane	12/11/2025	Unconfirmed

Table 4.1 Groundwater Monitoring Wells/Zones Analyzed for the Reporting Period

Well Name	Event Date	Well Group
BLM-26-404	11/03/25	Mid-Plume
BLM-32-543	11/03/25	N. Boundary
BLM-32-571	11/03/25	N. Boundary
BLM-32-632	11/03/25	N. Boundary
BLM-36-610	11/03/25	Mid-Plume
BLM-36-860	11/03/25	Mid-Plume
BLM-36-350	11/04/25	Mid-Plume
BLM-36-800	11/04/25	Mid-Plume
WW-4-419	11/04/25	Sentinel
WW-4-589	11/04/25	Sentinel
BLM-24-565	11/05/25	N. Boundary
BLM-38-480	11/05/25	Mid-Plume
BLM-38-620	11/05/25	Mid-Plume
WW-4-848	11/05/25	Sentinel
WW-4-948	11/05/25	Sentinel
BLM-2-630	11/06/25	In Plume
BLM-8-418	11/06/25	Mid-Plume
ST-5-485	11/06/25	Plume Front
ST-5-655	11/06/25	Plume Front
100-D-176	11/07/25	100/600
PL-7-560	11/07/25	Plume Front
200-I-675	11/10/25	200
200-I-795	11/10/25	200
400-C-143	11/10/25	300/400
BLM-3-182	11/10/25	100/600
NASA 6	11/10/25	300/400
200-I-490	11/11/25	200
PL-12-570	11/11/25	In Plume
PL-12-800	11/11/25	In Plume
200-I-300	11/12/25	200
200-I-375	11/12/25	200
BLM-22-570	11/12/25	Mid-Plume
BW-5-295	11/12/25	300/400
ST-1-541	11/13/25	In Plume
ST-1-630	11/13/25	In Plume
PL-11-470	12/01/25	Sentinel
PL-11-530	12/01/25	Sentinel
WW-3-469	12/01/25	Sentinel
WW-3-569	12/01/25	Sentinel
PL-11-710	12/02/25	Sentinel
PL-11-820	12/02/25	Sentinel
PL-11-980	12/02/25	Sentinel
PL-8-605	12/02/25	Sentinel
PL-8-455	12/03/25	Sentinel
ST-6-528	12/03/25	Plume Front
ST-6-568	12/03/25	Plume Front
200-G-420	12/04/25	200
200-G-495	12/04/25	200
ST-4-589	12/04/25	Plume Front
ST-4-690	12/04/25	Plume Front
ST-6-678	12/04/25	Plume Front
ST-6-824	12/04/25	Plume Front
ST-6-970	12/04/25	Plume Front
200-G-220	12/05/25	200
200-G-340	12/05/25	200
700-B-510	12/05/25	N. Boundary
ST-4-481	12/05/25	Plume Front
200-G-175	12/08/25	200
PL-4-464	12/08/25	Plume Front
ST-1-473	12/08/25	In Plume
BLM-42-569	12/09/25	Sentinel
BLM-42-709	12/09/25	Sentinel
ST-3-486	12/09/25	In Plume
ST-3-586	12/09/25	In Plume
ST-3-666	12/09/25	In Plume
ST-3-735	12/09/25	In Plume
BLM-27-270	12/10/25	Mid-Plume
BLM-7-509	12/10/25	Plume Front
BW-7-211	12/10/25	300/400
PL-2-504	12/10/25	In Plume
WW-2-489	12/10/25	Sentinel
WW-2-664	12/10/25	Sentinel
WW-1-452	12/11/25	Plume Front
BLM-6-488	01/05/26	S. Boundary
JP-3-509	01/05/26	Sentinel
JP-3-689	01/05/26	Sentinel
PL-1-486	01/05/26	In Plume
PL-6-1195	01/05/26	Plume Front
400-A-151	01/06/26	300/400
BLM-10-517	01/06/26	Plume Front
BLM-15-305	01/06/26	Mid-Plume
BLM-17-550	01/06/26	In Plume
PL-6-1335	01/06/26	Plume Front
100-G-223	01/07/26	Upgradient
JER-1-483	01/07/26	N. Boundary
JER-1-563	01/07/26	N. Boundary
JER-1-683	01/07/26	N. Boundary

Well Name	Event Date	Well Group
PL-6-915	01/07/26	Plume Front
BLM-18-430	01/08/26	Mid-Plume
ST-7-544	01/08/26	Plume Front
ST-7-779	01/08/26	Plume Front
ST-7-970	01/08/26	Plume Front
100-F-358	01/12/26	Upgradient
600C-005-GW	01/12/26	Plume Front
PL-6-545	01/12/26	Plume Front
PL-6-725	01/12/26	Plume Front
WW-5-459	01/12/26	Sentinel

Well Name	Event Date	Well Group
WW-5-579	01/12/26	Sentinel
300-F-175	01/13/26	Upgradient
600-G-138	01/13/26	100/600
PL-10-592	01/13/26	Sentinel
WW-5-809	01/13/26	Sentinel
WW-5-909	01/13/26	Sentinel
JER-2-504	01/14/26	N. Boundary
JER-2-584	01/14/26	N. Boundary
JER-2-684	01/14/26	N. Boundary
JP-1-424	01/14/26	Sentinel

Well Name	Event Date	Well Group
JP-2-447	01/14/26	Sentinel
600A-003-GW	01/15/26	100/600
PL-10-484	01/15/26	Sentinel
PL-4-464	01/28/26	Plume Front
WW-1-452	01/28/26	Plume Front
BLM-9-419	01/29/26	Mid-Plume
ST-6-568	01/29/26	Plume Front
PL-2-504	01/30/26	In Plume
ST-7-544	01/30/26	Plume Front

Plume Front	
Well Name	Event Date
B650-EFF-1	11/07/25
B650-EFF-1	12/16/25
B650-EFF-1	01/16/26
B650-INF-1	11/07/25
B650-INF-1	12/16/25
B650-INF-1	01/16/26

Plume Front	
Well Name	Event Date
PFE-1	01/19/26
PFE-2	01/15/26
PFE-3	01/15/26
PFE-4A	01/15/26
PFE-5	01/19/26
PFE-7	01/19/26

Mid-plume	
Well Name	Event Date
B655-EFF-2	11/07/25
B655-EFF-2	12/05/25
B655-EFF-2	01/16/26
B655-INF-2	11/07/25
B655-INF-2	12/05/25
B655-INF-2	01/16/26

Mid-plume	
Well Name	Event Date
MPE-1	11/11/25
MPE-10	11/11/25
MPE-11	11/11/25
MPE-3	11/11/25
MPE-4	11/11/25
MPE-9	11/11/25

Table 4.2 Groundwater Elevation Data

Well Name	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Groundwater Elevation (ft amsl)
100-001-GW	255	230	250	4651.96
100-A-182	198	182	192	4669.08
100-C-365	400	365	385	4533.01
100-D-176	201	176	196	4564.86
100-E-261	284	261	271	4682.81
100-F-358	378	358	368	4713.18
100-G-223	238	223	233	4851.61
100-HG-139	167	139	159	4646.54
200-B-240	260	240	250	4706.48
200-C(170)i	290	N/A	N/A	4681.278
200-D-240	280	240	250	4663.3
200-F(370)i	590	N/A	N/A	4724.209
200-G(220)i	515	N/A	N/A	4725.064
200-H(331)i	458	N/A	N/A	4735.762
200-I(300)i	815	N/A	N/A	4655.13
200-JG-110	150	110	130	NA
200-KV-150	202	150	170	4727.18
200-LV-150	175	150	170	4728.69
200-SG-1	162	123	138	4656.11
300-001-GSV	160	130	145	4811.17
300-002-GSV	170	140	155	4812.53
300-A-120	152	121	146	4784.59
300-A-170	182	170	175.5	4785.44
300-B-166	181	165	176	4775.46
300-C-128	160	128	154	4737.88
300-D-153	179	153	174	4951.79
300-E(138)i	395	N/A	N/A	4812.357
300-F-175	195	175	185	5047.05
400-A-151	187	151	176	4643.31
400-C-143	163	143	153	4667.80
400-D(275)i	380	N/A	N/A	4661.575
400-EV-131	146	131	146	4695.05
400-FV-131	146	131	146	4690.551
400-GV-125	140	125	140	4693.506
400-HV-147	173	147	162	4685.74
400-IV-123	138	123	138	4733.56
400-JV-150	165	150	165	4694.507
600A-001-GW	153	142	152	4593.34

Well Name	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Groundwater Elevation (ft amsl)
600A-002-GW	185	168	178	4567.11
600A-003-GW	165	144	154	4586.75
600A-004-GW	192	181	191	4572.48
600C-005-GW	419	394	409	4029.9
600-C-173	199	173	193	4570.42
600-E(280)i	690	N/A	N/A	4556.165
600-G-138	148	137.5	147.5	4616.46
700-A-253	269	253	263	4732.43
700-B-510	550	510	531	4345.57
700-D-186	202	186	196	4711.99
700-E-458	484	458	479	4411.46
700-H(350)i	695	N/A	N/A	4638.297
700-J-200	230	200	220	4838.99
BLM-10-517	532	517	527	4036.75
BLM-13-300	316	300	310	4421.1
BLM-14-327	343	327	337	4401.99
BLM-15-305	325	305	315	4429.14
BLM-17-493	519	493	513	4033.93
BLM-17-550	600	550.5	560.9	4025.12
BLM-18-430	456	430	451	4225.08
BLM-21-400	413	400	410	4311.4
BLM-22-570	597	570	592	4096.08
BLM-23-431	447	431	441	4264.88
BLM-24-565	590	565	585	4386.13
BLM-25-455	470	455	465	4283.58
BLM-2-630	498	482	493	4031.61
BLM-26-404	420	404	414	4357.77
BLM-27-270	286	270	280	4501.32
BLM-3-182	208	182	203	4570.73
BLM-31	795	N/A	N/A	NA
BLM-36(350)ii	905	604	614	4078.461
BLM-38(480)ii	650	470	490	4201.042
BLM-39(385)ii	595	379	389	4277.535
BLM-40-517	532	517	527	4038.43
BLM-41-420	435	420	430	4317.86
BLM-42-569	802	569	579	4035.37
BLM-5-527	560	527	538	4039.62
BLM-6-488	503	488	498	4231.42
BLM-7-509	525	509	520	4034

Well Name	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Groundwater Elevation (ft amsl)
BLM-8-418	434	418	428	4225.02
BLM-9-419	445	419	440	4229.08
BW-1-268	294	268	289	4614.9
BW-3-180	205	180	200	4564.64
BW-4	820	N/A	N/A	4543.76
BW-5-295	311	295	305	4582.4
BW-6-355	381	355	376	4573.36
BW-7-211	225	211	222	4610.11
JER-1-483	718	478	488	3947.2
JER-2-504	756	504	514	3956.32
JP-1-424	440	424	434	4027.68
JP-2-447	462	446	457	4029.2
JP-3-509	1,020	509	519	4029.75
MPE-2	601	400	580	4371.356
MPE-5	590	450	570	4140.44
MPE-6	603	383	602	4268.51
MPE-7	600	401	600	4236.53
NASA 10	135	110	130	4821.4
NASA 3	144	119	139	4889.01
NASA 4	171	146	166	4638.08
NASA 5	135	110	130	4813.39
NASA 6	153	128	148	4698
PFE-1-PZ	609	588	598	4022.44
PFE-3-PZ	620	590	600	4028.09
PFI-1-PZ	619	589	599	4032.22
PFI-4-PZ	600	398	600	4038.17
PL-10(484)ii	1,000	479	489	4035.77
PL-11-470	1,003	470	480	3964.772
PL-12-570	902	570.2	580.2	4029.36
PL-1-486	502	486	496	4029.98
PL-2-504	520	504	514	4029.49
PL-4-464	480	464	474	4029.52
PL-7(480)ii	655	475	485	4036.929
PL-8(455)ii	1,000	448	458	4027.327
ST-1-473	488	473	483	4029.08
ST-2-466	481	466	476	4028.99
ST-3-486	502	486	496	4028.59
ST-4-481	497	481	491	4031.04
ST-5-481	514	481	491	4030.55

Well Name	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Groundwater Elevation (ft amsl)
ST-5-485	497	481	491	4023.709
ST-6-528	1,000	523	533	3961.65
WB-1(200)i	359	N/A	N/A	NA
WB-14(520)i	545	N/A	N/A	4432.613
WB-5(250)i	400	N/A	N/A	4676.514
WW-1-452	468	452	462	4029.58
WW-2-589	1,030	589	599	4031.79
WW-3(469)ii	1,025	469	479	4029.825
WW-4-419	989	419	429	4073.98

i Depth to top and bottom of screen are indicated as not applicable (N/A) for multiport Westbay wells that are completed in an open borehole. The depth of the Westbay monitoring port used to calculate the piezometric surface is provided in parenthesis with the well name. Depth to water and groundwater elevation were calculated from the formation pressure at the indicated port depth.

ii The screen depths listed for retrofit multiport wells indicate the top and bottom of the screen in the outer casing of the well that corresponds to the measurement port used at that location. The depth of the monitoring port used to calculate the piezometric surface is provided in parenthesis with the well name. Depth to water and groundwater elevation for Westbay multiport monitoring wells were calculated from the formation pressure at the indicated port depth. Depth to water and groundwater elevation for FLUTe multiport monitoring wells were calculated from pressure transducer readings collected on the measurement date.

Table 5.1 PFTS and MPITS Operational Status for the Reporting Period

Month	Plume Front Treatment System			Mid-plume Treatment System		
	Days Operated	Average Flow Rate (gpm)	Groundwater Treated (acre-ft)	Days Operated	Average Flow Rate (gpm)	Groundwater Treated (acre-ft)
Nov-25	8 of 30	630	26.1	17 of 30	7.7	0.57
Dec-25	9 of 31	796	26.9	17 of 31	7.8	0.50
Jan-26	22 of 31	760	59.7	20 of 31	8.8	0.71

Table 5.2 PFTS and MPITS System Shutdowns for the Reporting Period

Shutdown Date	Restart Date	Type of Shutdown	Description
Plume Front Treatment System Shutdowns			
11/1/25	11/3/25	Unplanned	The system shut down automatically because of plugged air stripper filters.
11/10/25	11/10/25	Unplanned	The system shut down automatically because of a fault on the Main PLC.
11/11/25	12/16/25	Planned	The system was shut down to perform scheduled maintenance.
12/24/25	1/5/26	Unplanned	The system shut down automatically because of a leak detection alarm and remained offline over the holiday break.
1/9/26	1/13/26	Unplanned	The system shut down automatically because of a loss of internal communication.
1/23/26	1/26/26	Unplanned	The system shut down automatically because of an unscheduled disruption in the electrical power supply.
1/26/26	1/27/26	Unplanned	The system shut down automatically because of a leak detection alarm.
1/27/26	1/28/26	Unplanned	The system shut down automatically because of a leak detection alarm.
12/24/25	1/5/26	Unplanned	The system shut down automatically because of a leak detection alarm and remained offline over the holiday break.
Mid-plume Interception and Treatment System Shutdowns			
10/30/25	11/3/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
11/7/25	11/10/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
11/13/25	11/17/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
11/21/25	11/24/25	Unplanned	The system was shut down to allow aquifer levels to recover over the weekend.
11/25/25	12/1/25	Planned	The system was shut down to allow aquifer levels to recover over the holiday weekend.
12/4/25	12/4/25	Unplanned	The system shut down automatically because of a low-level alarm in the UV reactor.
12/5/25	12/8/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
12/8/25	12/8/25	Unplanned	The system was shut down briefly to inspect and lubricate the air stripper blower.
12/12/25	12/15/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.

Shutdown Date	Restart Date	Type of Shutdown	Description
12/19/25	12/28/25	Planned	The system was shut down to allow aquifer levels to recover over the holiday break.
12/29/25	12/30/25	Unplanned	The system shut down automatically because of a communications fault in the UV reactor.
1/2/26	1/5/26	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
1/8/26	1/12/26	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
1/16/26	1/19/26	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
1/22/26	1/26/26	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
1/30/26	2/2/26	Planned	The system was shut down to allow aquifer levels to recover over the weekend.

Table 5.3 PFTS Air Stripper and UV Reactor Performance for the Reporting Period

	Analyte	Unit	Design	Nov-25	Dec-25	Jan-26
Air Stripper Influent Concentrations	TCE	µg/L	130	15 J	15 J	19 J
	PCE	µg/L	0.66	0.58	0.69	0.72
	Freon 11	µg/L	860	11 A	15	15
	Chloroform	µg/L	NA[1]	< 0.51[2]	< 0.51[2]	< 0.51[2]
Air Stripper Effluent Concentrations	TCE	µg/L	5.0	< 0.20[2]	< 0.20[2]	< 0.20[2]
	PCE	µg/L	5.0	< 0.21[2]	< 0.21[2]	< 0.21[2]
	Freon 11	µg/L	100	< 0.24[2]	< 0.24[2]	< 0.24[2]
	Chloroform	µg/L	NA[1]	< 0.51[2]	< 0.51[2]	< 0.51[2]
UV Reactor Influent Concentrations	NDMA[3]	ng/L	2,000	107[a]	<4.9[2,b]	119[c]
UV Reactor Effluent Concentrations	NDMA	ng/L	< 2.0	<0.35[2]	<0.35[2]	<0.36[2]

J - The result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
[1] Chloroform was not included as an analyte in the system design criteria; not applicable (NA).
[2] Analytical result for the constituent was below the method detection limit (MDL; provided).
[3] Reported NDMA concentration is corrected for extraction efficiency. Modified EPA Method 607 batch-specific laboratory control sample recovery of NDMA: 56%[a], 24%[b], 42%[c].

Table 5.4 PFTS Extraction and Injection Well Flow Rates for the Reporting Period

	Well Name	Design Flow Rate[1] (gpm)	Operational Average Flow Rate[2] (gpm)	Overall Average Flow Rate[3] (gpm)	Operational Percent of Well Design	Overall Percent of Well Design
Extraction Wells (gpm)	**PFE-1**	233	230	191	99%	82%
	PFE-2	181	144	122	80%	67%
	PFE-3	172	162	137	94%	80%
	PFE-4A	200	149	118	75%	59%
	PFE-5	5.5	3.0	2.5	55%	46%
	PFE-7	101	112	94	111%	93%
Injection Wells (gpm)	**PFI-1[4]**	NA	NA	NA	NA	NA
	PFI-2	269	301	254	112%	94%
	PFI-3	344	316	266	92%	77%
	PFI-4	194	174	147	90%	76%

[1] Revised design flow rates based on groundwater flow modeling conducted to optimize extraction well pumping rates and size submersible pumps installed for 2023 PFTS well repairs.
[2] Operational averages are calculated using the accumulated flow volume (gallons) over the total accumulated time (minutes) when a well was in operating status. Backwashing and downtime events are not included.
[3] Overall averages are calculated using the accumulated flow volume (gallons) and time (minutes) over the entire reporting period and include backwashing and downtime events.
[4] Well PFI-1 was plugged and abandoned in April 2025.

Table 5.5 Comparison of Specific Capacities for the Plume Front Wells

Well Name	Specific Capacity at Installation	Specific Capacity Apr-25	Specific Capacity Jul-25	Specific Capacity Oct-25	Specific Capacity Jan-26
PFE-1	8.3	6.9	6.9	5.8	7.0
PFE-2	5.7	5.7	5.8	4.9	5.8
PFE-3	19.4	11.2	11.2	7.9	9.8
PFE-4A	3.1	1.9	1.8	2.2	2.4
PFE-5	0.1	<0.1	<0.1	<0.1	<0.1
PFE-7	6.0	4.6	5.1	4.4	5.1
Well Name	**Specific Capacity at Installation (Ideal Range)**	**Specific Capacity Apr-25**	**Specific Capacity Jul-25**	**Specific Capacity Oct-25**	**Specific Capacity Jan-26**
PFI-1	2.8–5	NA[1]	NA[1]	NA[1]	NA[1]
PFI-2	2.8–7	1.5	1.5	1.6	1.5
PFI-3	2–4	1.7	1.77	1.9	1.7
PFI-4	2.3–3.5	1.2	1.2	1.2	1.3

Notes:
Specific capacities are used to measure well performances and have units of gallons per minute per foot of drawdown.
NA[1] – Not Applicable due to the inoperative status of the well during the reporting period. PFI-1 was plugged and abandoned on April 5, 2025.

Table 5.6 Plume Front Mass Removal[1]

Date	TCE (kg)	Freon 11 (kg)	Chloroform(g)	PCE (g)	NDMA (g)
25-Feb	2.0	2.0	ND	45	14.4
25-Mar	1.9	1.8	ND	37	14.8
25-Apr	1.9	1.2	ND	44	15.9
25-May	0.9	0.5	ND	23	7.2
25-Jun	1.9	1.8	ND	37	14.8
25-Jul	2.4	2.2	ND	75	12.6
25-Aug	1.8	1.3	ND	45	13.0
25-Sep	1.9	1.8	ND	37	14.8
25-Oct	2.4	2.2	ND	75	12.6
25-Nov	0.5	0.4	ND	12	3.4
25-Dec	0.2	0.1	ND	6	0.2
25-Jan	1.3	1.4	ND	43	8.7
Total[2]	**18.9**	**16.7**	**0.0**	**478.5**	**132.5**

Notes:

[1] Mass removed calculated as:
(*Influent concentration - Effluent concentration) * volume of water extracted*

[2] Total mass removed during the period covered by this table.

ND – Non-Detect

Table 5.7 MPITS Air Stripper and UV Reactor Performance for the Reporting Period

	Analyte	Unit	Design Parameter	Nov-25	Dec-25	Jan-26
Air Stripper Influent Concentrations (MPE Wells)	TCE	µg/L	140	47	44	63
	PCE	µg/L	6.4	2.8	2.4	3.3
	Freon 11	µg/L	240	120	93	120
	Chloroform	µg/L	NA[1]	<0.51[2]	<0.51[2]	<0.51[2]
Air Stripper Influent Concentrations (Well 600-G-138)	TCE	µg/L	140	NS	NS	35
	PCE	µg/L	6.4	NS	NS	<0.21[2]
	Freon 11	µg/L	240	NS	NS	0.30 J
	Chloroform	µg/L	NA[1]	NS	NS	0.75 J
Air Stripper Effluent Concentrations	TCE	µg/L	1.0	0.52	<0.20[2]	<0.20[2]
	PCE	µg/L	1.0	<0.21[2]	<0.21[2]	<0.21[2]
	Freon 11	µg/L	50	3.8	0.37 J	<0.24[2]
	Chloroform	µg/L	NA[1]	<0.51[2]	<0.51[2]	<0.51[2]
UV Reactor Influent Concentrations (MPE Wells)	NDMA[3]	ng/L	25,500	2,030[a]	3,020[b]	3,286[c]
UV Reactor Influent Concentrations (Well 600-G-138)	NDMA	ng/L	25,500	NS	NS	NS
UV Reactor Effluent Concentrations[4]	NDMA	ng/L	< 2.0	0.4 J, RB, FB	<0.34[2]	<0.35[2]

Notes:

J - The result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.

NS - Not sampled during the reporting period. Well 600-G-138 is sampled annually for NDMA in accordance with the GMP (NASA, 2024a). Analytical data are provided in this table when available.

[1] Chloroform was not included in the design analyte list; not applicable (NA).

[2] Analytical result for the constituent was below the MDL (provided).

[3] Reported NDMA concentration is corrected for extraction efficiency. Modified EPA Method 607 batch-specific laboratory control sample recovery of NDMA: 100%[a], 51%[b], 42%[c]

[4] Analytical results from the low-level NDMA analytical method were below the MDL (provided). Results for Method 607 were ND.

Table 5.8 Mid-plume Mass Removal[1]

Date	TCE (g)	F11 (g)	Chloroform (g)	PCE (g)	NDMA (g)
25-Feb	31.60	65.20	ND	1.48	2.16
25-Mar	58.77	128.29	ND	2.54	2.10
25-Apr	38.82	79.77	ND	1.81	2.47
25-May	54.14	118.15	ND	2.30	2.56
25-Jun	58.77	128.29	ND	2.54	2.37
25-Jul	65.64	144.48	ND	2.85	3.12
25-Aug	54.14	118.15	ND	2.30	1.70
25-Sep	58.77	128.29	ND	2.54	2.37
25-Oct	65.64	144.48	ND	2.85	2.94
25-Nov	27.34	46.19	ND	1.33	2.85
25-Dec	26.95	49.67	ND	1.35	3.03
26-Jan	30.60	56.33	ND	1.53	3.39
Total[2]	**571.18**	**1207.28**	**0.00**	**25.43**	**31.07**

Notes:
ND – Non-Detect

[1] Mass calculation: volume of water extracted at each well * (*contaminant concentration at each well – MPITS effluent concentration*).

[2] Total mass removed during the period covered by this table.

Table 5.9 Groundwater Treatment System Operation Costs ($ / 1,000 gals)

Date	Gallons Treated[1]	ECO Labor + Materials	TEST3 Labor + Materials	L+M cost per 1,000 gal	Energy Cost[2]	Energy Cost per 1,000 gal	Total Cost	Total Cost per 1,000 gal treated
Feb-25	32,046,142	$90,209	$46,358	$4.26	$16,728	$0.52	$153,295	$4.78
Mar-25	22,213,263	$75,174	$63,153	$6.23	$19,216	$0.87	$157,543	$7.09
Apr-25	33,286,005	$75,174	$75,802	$4.54	$18,541	$0.56	$169,517	$5.09
May-25	14,243,273	$80,186	$92,588	$12.13	$10,891	$0.76	$183,665	$12.89
Jun-25	21,887,086	$108,924	$40,541	$6.83	$19,157	$0.88	$168,622	$7.70
Jul-25	29,217,104	$105,924	$36,411	$4.87	$22,126	$0.76	$164,461	$5.63
Aug-25	32,281,631	$67,237	$111,372	$5.53	$19,807	$0.61	$198,416	$6.15
Sep-25	31,688,358	$75,174	$67,083	$4.49	$20,525	$0.65	$162,782	$5.14
Oct-25	35,585,536	$67,237	$102,945	$4.78	$16,143	$0.45	$186,325	$5.24
Nov-25	8,678,390	$67,237	$96,068	$18.82	$14,561	$1.68	$177,865	$20.50
Dec-25	8,929,295	$67,237	$42,502	$12.29	$6,967	$0.78	$116,706	$13.07
Jan-26	19,668,040	$175,850	$52,522	$11.61	$11,192	$0.57	$239,565	$12.18
12-Month Total	**289,724,123**	**$1,055,561**	**$827,346**	**$6.50**	**$195,854**	**$0.68**	**$2,078,761**	**$7.17**

Notes:
1) Gallons treated reflect amount of water extracted during power reporting period.
2) Months May through September include Peak Demand Rates.

Table 6.1 Status of Wells with Sampling Issues

Well	Date of Discovery	Description	Next Sampling Date per GMP	Description of Future Plan or Resolution
New Occurrences this Quarter				
None				
Unresolved Issues				
BLM-1-435	Apr-20	Sampling failed, as there was not enough water in the screen to fill the sample bottles. Failed again, in April 2021 and October 2021.	NA	The well did not provide sufficient water for representative sampling and was abandoned and replaced in the first quarter of 2026.
PL-3-453	Dec-20	Unable to collect groundwater sample because the water level in the well was insufficient for sampling. Insufficient recharge.	NA	The well did not provide sufficient water for representative sampling and was abandoned and replaced in the first quarter of 2026.
Issues Resolved this Quarter (will not appear in future Periodic Monitoring Reports)				
BLM-17-493	Nov-25	Unable to collect groundwater sample because the water level in the well was insufficient for sampling.	May-26	Continue to monitor water level and sample the well if the water level becomes adequate.

Appendix A
Indicator Parameters and Analytical Data

Appendix A.1: Monitor Well Indicator Parameters
Appendix A.2: Monitor Well Analytical Data
Appendix A.3: PFTS Indicator Parameters
Appendix A.4: PFTS Analytical Data
Appendix A.5: MPITS Indicator Parameters
Appendix A.6: MPITS Analytical Data

Appendix A.1
Monitor Well Indicator Parameters

Summary of Water Quality Parameters
for the Sampling Events in this Reporting Period

Well ID 100-D-176 **Event Date** 11/7/2025

Sample	Parameter	Result	Units
2511070955A	Conductivity	3.18	µS/cm
2511070955A	DTW	186.70	ft
2511070955A	pH	7.64	NA
2511070955A	Temperature	21.6	ºC
2511070955A	Turbidity	4.58	NTU
2511071015A	Conductivity	3.25	µS/cm
2511071015A	DTW	186.85	ft
2511071015A	pH	7.70	NA
2511071015A	Temperature	21.8	ºC
2511071015A	Turbidity	4.29	NTU

Well ID 100-F-358 **Event Date** 1/12/2026

Sample	Parameter	Result	Units
2601121000C	Conductivity	1342	µS/cm
2601121000C	DTW	317.20	ft
2601121000C	pH	7.51	NA
2601121000C	Temperature	18.3	ºC
2601121000C	Turbidity	0.48	NTU
2601121030C	Conductivity	1351	µS/cm
2601121030C	DTW		ft
2601121030C	pH	7.67	NA
2601121030C	Temperature	18.9	ºC
2601121030C	Turbidity	0.41	NTU

Well ID 100-G-223 **Event Date** 1/7/2026

Sample	Parameter	Result	Units
2601070945C	Conductivity	1074	µS/cm
2601070945C	DTW		ft
2601070945C	pH	7.62	NA
2601070945C	Temperature	18.5	ºC
2601070945C	Turbidity	0.47	NTU
2601071030C	Conductivity	1071	µS/cm
2601071030C	DTW		ft
2601071030C	pH	7.59	NA
2601071030C	Temperature	18.6	ºC
2601071030C	Turbidity	0.45	NTU

Well ID	200-G-175	Event Date	12/8/2025	
Sample	**Parameter**		**Result**	**Units**
2512081046Y	Atmospheric Pressure		12.39	psia
2512081046Y	Conductivity		1076	µS/cm
2512081046Y	DTW		220.65	ft
2512081046Y	Formation Pressure			psia
2512081046Y	pH		7.16	NA
2512081046Y	Temperature		21.0	ºC
2512081046Y	Turbidity		1.04	NTU
2512081420Y	Atmospheric Pressure		12.39	psia
2512081420Y	Conductivity		1083	µS/cm
2512081420Y	DTW		220.66	ft
2512081420Y	Formation Pressure			psia
2512081420Y	pH		7.25	NA
2512081420Y	Temperature		23.2	ºC
2512081420Y	Turbidity		1.23	NTU

Well ID	200-G-220	Event Date	12/5/2025	
Sample	**Parameter**		**Result**	**Units**
2512051215Y	Atmospheric Pressure		12.41	psia
2512051215Y	Conductivity		1384	µS/cm
2512051215Y	DTW		220.62	ft
2512051215Y	Formation Pressure			psia
2512051215Y	pH		7.72	NA
2512051215Y	Temperature		22.1	ºC
2512051215Y	Turbidity		1.00	NTU
2512051238Y	Atmospheric Pressure		12.42	psia
2512051238Y	Conductivity		1371	µS/cm
2512051238Y	DTW		220.65	ft
2512051238Y	Formation Pressure			psia
2512051238Y	pH		7.71	NA
2512051238Y	Temperature		22.3	ºC
2512051238Y	Turbidity		0.91	NTU

Well ID	200-G-340	Event Date	12/5/2025	
Sample	**Parameter**		**Result**	**Units**
2512051040Y	Atmospheric Pressure		12.42	psia
2512051040Y	Conductivity		1689	µS/cm
2512051040Y	DTW		220.61	ft
2512051040Y	Formation Pressure			psia
2512051040Y	pH		8.22	NA
2512051040Y	Temperature		21.2	ºC
2512051040Y	Turbidity		1.68	NTU
2512051110Y	Atmospheric Pressure		12.41	psia
2512051110Y	Conductivity		1667	µS/cm
2512051110Y	DTW		220.62	ft
2512051110Y	Formation Pressure			psia
2512051110Y	pH		8.17	NA
2512051110Y	Temperature		21.5	ºC
2512051110Y	Turbidity		1.51	NTU

Well ID	200-G-420	Event Date	12/4/2025	
Sample	**Parameter**		**Result**	**Units**
2512041350Y	Atmospheric Pressure		12.27	psia
2512041350Y	Conductivity		2.21	µS/cm
2512041350Y	DTW		220.59	ft
2512041350Y	Formation Pressure			psia
2512041350Y	pH		7.65	NA
2512041350Y	Temperature		22.6	ºC
2512041350Y	Turbidity		1.31	NTU
2512041435Y	Atmospheric Pressure		12.32	psia
2512041435Y	Conductivity		2.33	µS/cm
2512041435Y	DTW		220.61	ft
2512041435Y	Formation Pressure			psia
2512041435Y	pH		6.90	NA
2512041435Y	Temperature		19.9	ºC
2512041435Y	Turbidity		0.77	NTU

Well ID 200-G-495 **Event Date** 12/4/2025

Sample	Parameter	Result	Units
2512041020Y	Atmospheric Pressure	12.32	psia
2512041020Y	Conductivity	2.53	µS/cm
2512041020Y	DTW	220.55	ft
2512041020Y	Formation Pressure		psia
2512041020Y	pH	7.66	NA
2512041020Y	Temperature	20.0	ºC
2512041020Y	Turbidity	0.92	NTU
2512041045Y	Atmospheric Pressure	12.41	psia
2512041045Y	Conductivity	2.12	µS/cm
2512041045Y	DTW	220.59	ft
2512041045Y	Formation Pressure		psia
2512041045Y	pH	7.77	NA
2512041045Y	Temperature	20.3	ºC
2512041045Y	Turbidity	1.52	NTU

Well ID 200-I-300 **Event Date** 11/12/2025

Sample	Parameter	Result	Units
2511121045Y	Atmospheric Pressure	12.39	psia
2511121045Y	Conductivity	763	µS/cm
2511121045Y	DTW	225.10	ft
2511121045Y	Formation Pressure		psia
2511121045Y	pH	8.07	NA
2511121045Y	Temperature	19.9	ºC
2511121045Y	Turbidity	1.30	NTU
2511121343Y	Atmospheric Pressure	12.36	psia
2511121343Y	Conductivity	817	µS/cm
2511121343Y	DTW	225.50	ft
2511121343Y	Formation Pressure		psia
2511121343Y	pH	7.22	NA
2511121343Y	Temperature	21.3	ºC
2511121343Y	Turbidity	0.85	NTU

Well ID 200-I-375 **Event Date** 11/12/2025

Sample	Parameter	Result	Units
2511120855Y	Atmospheric Pressure	12.42	psia
2511120855Y	Conductivity	975	µS/cm
2511120855Y	DTW	224.81	ft
2511120855Y	Formation Pressure		psia
2511120855Y	pH	8.06	NA
2511120855Y	Temperature	18.6	ºC
2511120855Y	Turbidity	1.19	NTU
2511120928Y	Atmospheric Pressure	12.41	psia
2511120928Y	Conductivity	1006	µS/cm
2511120928Y	DTW	225.10	ft
2511120928Y	Formation Pressure		psia
2511120928Y	pH	7.42	NA
2511120928Y	Temperature	20.2	ºC
2511120928Y	Turbidity	0.60	NTU

Well ID 200-I-490 **Event Date** 11/11/2025

Sample	Parameter	Result	Units
2511111029Y	Atmospheric Pressure	12.41	psia
2511111029Y	Conductivity	996	µS/cm
2511111029Y	DTW	223.85	ft
2511111029Y	Formation Pressure	NA	psia
2511111029Y	pH	7.86	NA
2511111029Y	Temperature	21.0	ºC
2511111029Y	Turbidity	1.79	NTU
2511111220Y	Atmospheric Pressure	12.42	psia
2511111220Y	Conductivity	990	µS/cm
2511111220Y	DTW	223.93	ft
2511111220Y	Formation Pressure		psia
2511111220Y	pH	7.85	NA
2511111220Y	Temperature	21.2	ºC
2511111220Y	Turbidity	1.81	NTU

Well ID	200-I-675	Event Date	11/10/2025	
Sample	**Parameter**		**Result**	**Units**
2511101355Y	Atmospheric Pressure		12.42	psia
2511101355Y	Conductivity		1177	µS/cm
2511101355Y	DTW		223.72	ft
2511101355Y	Formation Pressure			psia
2511101355Y	pH		7.69	NA
2511101355Y	Temperature		21.3	ºC
2511101355Y	Turbidity		0.97	NTU
2511110910Y	Atmospheric Pressure		12.41	psia
2511110910Y	Conductivity		1165	µS/cm
2511110910Y	DTW		223.85	ft
2511110910Y	Formation Pressure			psia
2511110910Y	pH		7.58	NA
2511110910Y	Temperature		21.1	ºC
2511110910Y	Turbidity		1.11	NTU

Well ID	200-I-795	Event Date	11/10/2025	
Sample	**Parameter**		**Result**	**Units**
2511100947Y	Atmospheric Pressure		12.46	psia
2511100947Y	Conductivity		1464	µS/cm
2511100947Y	DTW		223.61	ft
2511100947Y	Formation Pressure			psia
2511100947Y	pH		7.91	NA
2511100947Y	Temperature		20.2	ºC
2511100947Y	Turbidity		2.67	NTU
2511101039Y	Atmospheric Pressure		12.42	psia
2511101039Y	Conductivity		1459	µS/cm
2511101039Y	DTW		223.72	ft
2511101039Y	Formation Pressure			psia
2511101039Y	pH		7.93	NA
2511101039Y	Temperature		21.0	ºC
2511101039Y	Turbidity		2.39	NTU

Well ID	300-F-175	Event Date	1/13/2026	
Sample	**Parameter**		**Result**	**Units**
2601131000C	Conductivity		1219	µS/cm
2601131000C	DTW		83.65	ft
2601131000C	pH		8.44	NA
2601131000C	Temperature		17.8	ºC
2601131000C	Turbidity		0.38	NTU
2601131030C	Conductivity		1210	µS/cm
2601131030C	DTW			ft
2601131030C	pH		7.99	NA
2601131030C	Temperature		18.2	ºC
2601131030C	Turbidity		0.29	NTU

Well ID	400-A-151	Event Date	1/6/2026	
Sample	**Parameter**		**Result**	**Units**
2601061000C	Conductivity		1249	µS/cm
2601061000C	DTW			ft
2601061000C	pH		6.91	NA
2601061000C	Temperature		17.9	ºC
2601061000C	Turbidity		1.01	NTU
2601061035C	Conductivity		1255	µS/cm
2601061035C	DTW			ft
2601061035C	pH		6.90	NA
2601061035C	Temperature		18.2	ºC
2601061035C	Turbidity		1.03	NTU

Well ID	400-C-143	Event Date	11/10/2025	
Sample	**Parameter**		**Result**	**Units**
2511100950C	Conductivity		1637	µS/cm
2511100950C	DTW			ft
2511100950C	pH		7.42	NA
2511100950C	Temperature		20.8	ºC
2511100950C	Turbidity		1.03	NTU
2511101008C	Conductivity		1624	µS/cm
2511101008C	DTW			ft
2511101008C	pH		7.35	NA
2511101008C	Temperature		21.0	ºC
2511101008C	Turbidity		0.90	NTU

Well ID	600A-003-GW	Event Date	1/15/2026	
Sample	**Parameter**		**Result**	**Units**
2601151315A	Conductivity		3.32	µS/cm
2601151315A	DTW		150.50	ft
2601151315A	pH		7.09	NA
2601151315A	Temperature		19.1	ºC
2601151315A	Turbidity		8.64	NTU
2601151329A	Conductivity		3.30	µS/cm
2601151329A	DTW			ft
2601151329A	pH		7.13	NA
2601151329A	Temperature		19.6	ºC
2601151329A	Turbidity		6.90	NTU

Well ID	600C-005-GW	Event Date	1/12/2026	
Sample	**Parameter**		**Result**	**Units**
2601121315C	Conductivity		830	µS/cm
2601121315C	DTW		389.40	ft
2601121315C	pH		8.45	NA
2601121315C	Temperature		16.9	ºC
2601121315C	Turbidity		1.54	NTU
2601121325C	Conductivity		854	µS/cm
2601121325C	DTW			ft
2601121325C	pH		8.67	NA
2601121325C	Temperature		17.3	ºC
2601121325C	Turbidity		1.39	NTU

Well ID	600-G-138	Event Date	1/13/2026	
Sample	**Parameter**		**Result**	**Units**
2601131300C	Conductivity		1590	µS/cm
2601131300C	DTW		144.95	ft
2601131300C	pH		7.97	NA
2601131300C	Temperature		20.1	ºC
2601131300C	Turbidity		3.78	NTU
2601131320C	Conductivity		1587	µS/cm
2601131320C	DTW		145.79	ft
2601131320C	pH		8.03	NA
2601131320C	Temperature		20.3	ºC
2601131320C	Turbidity		4.52	NTU

Well ID	700-B-510	Event Date	12/5/2025	
Sample	**Parameter**		**Result**	**Units**
2512050950C	Conductivity		574	µS/cm
2512050950C	DTW		464.00	ft
2512050950C	pH		8.31	NA
2512050950C	Temperature		18.3	ºC
2512050950C	Turbidity		0.34	NTU
2512050959C	Conductivity		569	µS/cm
2512050959C	DTW		464.33	ft
2512050959C	pH		8.41	NA
2512050959C	Temperature		18.2	ºC
2512050959C	Turbidity		0.27	NTU

Well ID	BLM-10-517	Event Date	1/6/2026	
Sample	**Parameter**		**Result**	**Units**
2601061410C	Conductivity		987	µS/cm
2601061410C	DTW			ft
2601061410C	pH		7.95	NA
2601061410C	Temperature		19.7	ºC
2601061410C	Turbidity		0.70	NTU
2601061445C	Conductivity		989	µS/cm
2601061445C	DTW			ft
2601061445C	pH		7.84	NA
2601061445C	Temperature		19.7	ºC
2601061445C	Turbidity		0.51	NTU

Well ID	BLM-15-305	Event Date	1/6/2026	
Sample	**Parameter**		**Result**	**Units**
2601061330A	Conductivity		1151	µS/cm
2601061330A	DTW			ft
2601061330A	pH		7.42	NA
2601061330A	Temperature		18.6	ºC
2601061330A	Turbidity		1.32	NTU
2601061345A	Conductivity		1157	µS/cm
2601061345A	DTW			ft
2601061345A	pH		7.35	NA
2601061345A	Temperature		18.9	ºC
2601061345A	Turbidity		1.26	NTU

Well ID	BLM-17-550	Event Date	1/6/2026	
Sample	**Parameter**		**Result**	**Units**
2601060945A	Conductivity		1221	µS/cm
2601060945A	DTW		516.83	ft
2601060945A	pH		7.01	NA
2601060945A	Temperature		23.3	ºC
2601060945A	Turbidity		2.04	NTU
2601060951A	Conductivity		1225	µS/cm
2601060951A	DTW		516.94	ft
2601060951A	pH		7.06	NA
2601060951A	Temperature		23.5	ºC
2601060951A	Turbidity		1.74	NTU

Well ID	BLM-18-430	Event Date	1/8/2026	
Sample	**Parameter**		**Result**	**Units**
2601081340C	Conductivity		1044	µS/cm
2601081340C	DTW		388.40	ft
2601081340C	pH		7.56	NA
2601081340C	Temperature		17.9	ºC
2601081340C	Turbidity		0.28	NTU
2601081345C	Conductivity		1049	µS/cm
2601081345C	DTW		388.63	ft
2601081345C	pH		7.63	NA
2601081345C	Temperature		18.2	ºC
2601081345C	Turbidity		0.25	NTU

Well ID	BLM-22-570	Event Date	11/12/2025	
Sample	**Parameter**		**Result**	**Units**
2511120920C	Conductivity		1436	µS/cm
2511120920C	DTW		514.74	ft
2511120920C	pH		7.46	NA
2511120920C	Temperature		19.7	ºC
2511120920C	Turbidity		0.71	NTU
2511120925C	Conductivity		1442	µS/cm
2511120925C	DTW		514.92	ft
2511120925C	pH		7.40	NA
2511120925C	Temperature		20.0	ºC
2511120925C	Turbidity		0.64	NTU

Well ID	BLM-24-565	Event Date	11/5/2025	
Sample	**Parameter**		**Result**	**Units**
2511051320A	Conductivity		1418	µS/cm
2511051320A	DTW		331.53	ft
2511051320A	pH		6.72	NA
2511051320A	Temperature		24.0	ºC
2511051320A	Turbidity		0.83	NTU
2511051327A	Conductivity		1408	µS/cm
2511051327A	DTW		332.15	ft
2511051327A	pH		6.80	NA
2511051327A	Temperature		24.3	ºC
2511051327A	Turbidity		0.71	NTU

Well ID	BLM-2-630	Event Date	11/6/2025	
Sample	**Parameter**		**Result**	**Units**
2511060955A	Conductivity		1209	µS/cm
2511060955A	DTW			ft
2511060955A	pH		7.60	NA
2511060955A	Temperature		21.8	ºC
2511060955A	Turbidity		0.59	NTU
2511061015A	Conductivity		1210	µS/cm
2511061015A	DTW			ft
2511061015A	pH		7.55	NA
2511061015A	Temperature		22.0	ºC
2511061015A	Turbidity		0.65	NTU

Well ID	BLM-26-404	Event Date	11/3/2025	
Sample	**Parameter**		**Result**	**Units**
2511031350A	Conductivity		1301	µS/cm
2511031350A	DTW		311.00	ft
2511031350A	pH		7.39	NA
2511031350A	Temperature		26.6	ºC
2511031350A	Turbidity		0.40	NTU
2511031355A	Conductivity		1309	µS/cm
2511031355A	DTW		311.12	ft
2511031355A	pH		7.30	NA
2511031355A	Temperature		23.3	ºC
2511031355A	Turbidity		0.37	NTU

Well ID	BLM-27-270	Event Date	12/10/2025	
Sample	**Parameter**		**Result**	**Units**
2512101420A	Conductivity		911	µS/cm
2512101420A	DTW		231.20	ft
2512101420A	pH		7.24	NA
2512101420A	Temperature		20.1	ºC
2512101420A	Turbidity		0.77	NTU
2512101440A	Conductivity		910	µS/cm
2512101440A	DTW		231.20	ft
2512101440A	pH		7.12	NA
2512101440A	Temperature		20.2	ºC
2512101440A	Turbidity		0.51	NTU

Well ID	BLM-3-182	Event Date	11/10/2025	
Sample	**Parameter**		**Result**	**Units**
2511101400C	Conductivity		5.40	µS/cm
2511101400C	DTW			ft
2511101400C	pH		8.01	NA
2511101400C	Temperature		22.1	ºC
2511101400C	Turbidity		2.14	NTU
2511101414C	Conductivity		5.39	µS/cm
2511101414C	DTW			ft
2511101414C	pH		8.04	NA
2511101414C	Temperature		22.4	ºC
2511101414C	Turbidity		1.91	NTU

Well ID	BLM-32-543	Event Date	11/3/2025	
Sample	**Parameter**		**Result**	**Units**
2511031210B	Conductivity		1121	µS/cm
2511031210B	pH		8.04	NA
2511031210B	Temperature		24.8	ºC
2511031210B	Transducer			ft
2511031210B	Turbidity		1.01	NTU
2511031220B	Conductivity		1120	µS/cm
2511031220B	pH		8.10	NA
2511031220B	Temperature		25.0	ºC
2511031220B	Transducer			ft
2511031220B	Turbidity		1.05	NTU

Well ID	BLM-32-571	Event Date	11/3/2025	
Sample	**Parameter**		**Result**	**Units**
2511031230B	Conductivity		1113	µS/cm
2511031230B	pH		7.90	NA
2511031230B	Temperature		24.0	ºC
2511031230B	Transducer			ft
2511031230B	Turbidity		0.40	NTU
2511031241B	Conductivity		1115	µS/cm
2511031241B	pH		7.95	NA
2511031241B	Temperature		24.3	ºC
2511031241B	Transducer			ft
2511031241B	Turbidity		0.43	NTU

Well ID	BLM-32-632	Event Date	11/3/2025	
Sample	**Parameter**		**Result**	**Units**
2511031254B	Conductivity		1100	µS/cm
2511031254B	pH		8.39	NA
2511031254B	Temperature		23.1	ºC
2511031254B	Transducer			ft
2511031254B	Turbidity		0.99	NTU
2511031300B	Conductivity		1101	µS/cm
2511031300B	pH		8.40	NA
2511031300B	Temperature		23.5	ºC
2511031300B	Transducer			ft
2511031300B	Turbidity		1.01	NTU

Well ID	BLM-36-350	Event Date	11/4/2025	
Sample	**Parameter**		**Result**	**Units**
2511041335Y	Atmospheric Pressure		12.47	psia
2511041335Y	Conductivity		1164	µS/cm
2511041335Y	DTW			ft
2511041335Y	Formation Pressure			psia
2511041335Y	pH		7.94	NA
2511041335Y	Temperature		23.3	ºC
2511041335Y	Turbidity		2.19	NTU
2511041440Y	Atmospheric Pressure			psia
2511041440Y	Conductivity		1156	µS/cm
2511041440Y	DTW			ft
2511041440Y	Formation Pressure			psia
2511041440Y	pH		7.92	NA
2511041440Y	Temperature		23.4	ºC
2511041440Y	Turbidity		2.03	NTU

Well ID	BLM-36-610	Event Date	11/3/2025	
Sample	**Parameter**		**Result**	**Units**
2511030940Y	Atmospheric Pressure		12.44	psia
2511030940Y	Conductivity		992	µS/cm
2511030940Y	DTW		562.18	ft
2511030940Y	Formation Pressure			psia
2511030940Y	pH		7.26	NA
2511030940Y	Temperature		23.5	ºC
2511030940Y	Turbidity		3.11	NTU
2511031025Y	Atmospheric Pressure			psia
2511031025Y	Conductivity		981	µS/cm
2511031025Y	DTW			ft
2511031025Y	Formation Pressure			psia
2511031025Y	pH		7.30	NA
2511031025Y	Temperature		23.7	ºC
2511031025Y	Turbidity		2.98	NTU

Well ID	BLM-36-800	Event Date	11/4/2025	
Sample	**Parameter**		**Result**	**Units**
2511040935Y	Atmospheric Pressure		12.43	psia
2511040935Y	Conductivity		977	µS/cm
2511040935Y	DTW			ft
2511040935Y	Formation Pressure			psia
2511040935Y	pH		7.81	NA
2511040935Y	Temperature		24.5	ºC
2511040935Y	Turbidity		4.45	NTU
2511041050Y	Atmospheric Pressure			psia
2511041050Y	Conductivity		981	µS/cm
2511041050Y	DTW			ft
2511041050Y	Formation Pressure			psia
2511041050Y	pH		7.79	NA
2511041050Y	Temperature		24.5	ºC
2511041050Y	Turbidity		4.41	NTU

Well ID	BLM-36-860	Event Date	11/3/2025	
Sample	**Parameter**		**Result**	**Units**
2511031400Y	Atmospheric Pressure		12.46	psia
2511031400Y	Conductivity		7.79	µS/cm
2511031400Y	DTW			ft
2511031400Y	Formation Pressure			psia
2511031400Y	pH		7.22	NA
2511031400Y	Temperature		23.9	ºC
2511031400Y	Turbidity		874	NTU
2511031455Y	Atmospheric Pressure			psia
2511031455Y	Conductivity		7.71	µS/cm
2511031455Y	DTW			ft
2511031455Y	Formation Pressure			psia
2511031455Y	pH		7.31	NA
2511031455Y	Temperature		23.8	ºC
2511031455Y	Turbidity		377	NTU

Well ID	BLM-38-480	Event Date	11/5/2025	
Sample	**Parameter**		**Result**	**Units**
2511051400Y	Atmospheric Pressure		12.44	psia
2511051400Y	Conductivity		935	µS/cm
2511051400Y	DTW			ft
2511051400Y	Formation Pressure			psia
2511051400Y	pH		8.07	NA
2511051400Y	Temperature		23.2	ºC
2511051400Y	Turbidity		2.51	NTU
2511051505Y	Atmospheric Pressure			psia
2511051505Y	Conductivity		965	µS/cm
2511051505Y	DTW			ft
2511051505Y	Formation Pressure			psia
2511051505Y	pH		8.03	NA
2511051505Y	Temperature		23.4	ºC
2511051505Y	Turbidity		2.39	NTU

Well ID	BLM-38-620	Event Date	11/5/2025	
Sample	**Parameter**		**Result**	**Units**
2511050935Y	Atmospheric Pressure		12.41	psia
2511050935Y	Conductivity		1029	µS/cm
2511050935Y	DTW		407.72	ft
2511050935Y	Formation Pressure			psia
2511050935Y	pH		7.35	NA
2511050935Y	Temperature		23.7	ºC
2511050935Y	Turbidity		1.29	NTU
2511051010Y	Atmospheric Pressure			psia
2511051010Y	Conductivity		1037	µS/cm
2511051010Y	DTW			ft
2511051010Y	Formation Pressure			psia
2511051010Y	pH		7.30	NA
2511051010Y	Temperature		23.7	ºC
2511051010Y	Turbidity		1.21	NTU

Well ID	BLM-42-569	Event Date	12/9/2025	
Sample	**Parameter**		**Result**	**Units**
2512090910B	Conductivity		687	µS/cm
2512090910B	DTW			ft
2512090910B	pH		7.44	NA
2512090910B	Temperature		19.0	ºC
2512090910B	Turbidity		0.29	NTU
2512090920B	Conductivity		680	µS/cm
2512090920B	DTW			ft
2512090920B	pH		7.53	NA
2512090920B	Temperature		18.8	ºC
2512090920B	Turbidity		0.22	NTU

Well ID	BLM-42-709	Event Date	12/9/2025	
Sample	**Parameter**		**Result**	**Units**
2512091415B	Conductivity		640	µS/cm
2512091415B	DTW			ft
2512091415B	pH		7.69	NA
2512091415B	Temperature		19.0	ºC
2512091415B	Turbidity		0.28	NTU
2512091425B	Conductivity		636	µS/cm
2512091425B	DTW			ft
2512091425B	pH		7.59	NA
2512091425B	Temperature		19.3	ºC
2512091425B	Turbidity		0.24	NTU

Well ID	BLM-6-488	Event Date	1/5/2026	
Sample	**Parameter**		**Result**	**Units**
2601051115A	Conductivity		1564	µS/cm
2601051115A	DTW		360.05	ft
2601051115A	pH		7.63	NA
2601051115A	Temperature		19.6	ºC
2601051115A	Turbidity		12.2	NTU
2601051135A	Conductivity		1572	µS/cm
2601051135A	DTW		260.13	ft
2601051135A	pH		7.69	NA
2601051135A	Temperature		19.9	ºC
2601051135A	Turbidity		8.22	NTU

Well ID	BLM-7-509	Event Date	12/10/2025	
Sample	**Parameter**		**Result**	**Units**
2512100925C	Conductivity		1016	µS/cm
2512100925C	DTW			ft
2512100925C	pH		6.94	NA
2512100925C	Temperature		17.9	ºC
2512100925C	Turbidity		0.45	NTU
2512100945C	Conductivity		1012	µS/cm
2512100945C	DTW			ft
2512100945C	pH		7.01	NA
2512100945C	Temperature		17.8	ºC
2512100945C	Turbidity		0.61	NTU

Well ID	BLM-8-418	Event Date	11/6/2025	
Sample	**Parameter**		**Result**	**Units**
2511061405A	Conductivity		1356	µS/cm
2511061405A	DTW		336.70	ft
2511061405A	pH		7.46	NA
2511061405A	Temperature		28.2	ºC
2511061405A	Turbidity		2.67	NTU
2511061415A	Conductivity		1355	µS/cm
2511061415A	DTW		336.76	ft
2511061415A	pH		7.48	NA
2511061415A	Temperature		28.0	ºC
2511061415A	Turbidity		1.98	NTU

Well ID	BW-5-295	Event Date	11/12/2025	
Sample	**Parameter**		**Result**	**Units**
2511121340C	Conductivity		1049	µS/cm
2511121340C	DTW		236.52	ft
2511121340C	pH		8.06	NA
2511121340C	Temperature		22.3	ºC
2511121340C	Turbidity		0.50	NTU
2511121345C	Conductivity		1047	µS/cm
2511121345C	DTW		236.60	ft
2511121345C	pH		8.02	NA
2511121345C	Temperature		22.4	ºC
2511121345C	Turbidity		0.43	NTU

Well ID	BW-7-211	Event Date	12/10/2025	
Sample	**Parameter**		**Result**	**Units**
2512100935A	Conductivity		1121	µS/cm
2512100935A	DTW		192.15	ft
2512100935A	pH		7.10	NA
2512100935A	Temperature		203	ºC
2512100935A	Turbidity		0.51	NTU
2512100950A	Conductivity		1129	µS/cm
2512100950A	DTW		192.15	ft
2512100950A	pH		7.21	NA
2512100950A	Temperature		20.2	ºC
2512100950A	Turbidity		0.47	NTU

Well ID	JER-1-483	Event Date	1/7/2026	
Sample	**Parameter**		**Result**	**Units**
2601071050B	Conductivity		1081	µS/cm
2601071050B	pH		7.18	NA
2601071050B	Temperature		21.2	ºC
2601071050B	Transducer			ft
2601071050B	Turbidity		0.48	NTU
2601071200B	Conductivity		1069	µS/cm
2601071200B	pH		7.23	NA
2601071200B	Temperature		20.6	ºC
2601071200B	Transducer			ft
2601071200B	Turbidity		0.45	NTU

Well ID	JER-1-563	Event Date	1/7/2026	
Sample	**Parameter**		**Result**	**Units**
2601071105B	Conductivity		1119	µS/cm
2601071105B	pH		7.80	NA
2601071105B	Temperature		18.6	ºC
2601071105B	Transducer			ft
2601071105B	Turbidity		0.28	NTU
2601071220B	Conductivity		1128	µS/cm
2601071220B	pH		7.71	NA
2601071220B	Temperature		18.9	ºC
2601071220B	Transducer		NA	ft
2601071220B	Turbidity		0.23	NTU

Well ID	JER-1-683	Event Date	1/7/2026	
Sample	**Parameter**		**Result**	**Units**
2601071120B	Conductivity		1133	µS/cm
2601071120B	pH		7.68	NA
2601071120B	Temperature		20.3	ºC
2601071120B	Transducer			ft
2601071120B	Turbidity		0.35	NTU
2601071245B	Conductivity		1139	µS/cm
2601071245B	pH		7.65	NA
2601071245B	Temperature		19.8	ºC
2601071245B	Transducer			ft
2601071245B	Turbidity		0.30	NTU

Well ID	JER-2-504	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601141020B	Conductivity		896	µS/cm
2601141020B	pH		7.87	NA
2601141020B	Temperature		17.9	ºC
2601141020B	Transducer			ft
2601141020B	Turbidity		0.43	NTU
2601141100B	Conductivity		905	µS/cm
2601141100B	pH		7.79	NA
2601141100B	Temperature		18.4	ºC
2601141100B	Transducer			ft
2601141100B	Turbidity		0.49	NTU

Well ID	JER-2-584	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601141035B	Conductivity		921	µS/cm
2601141035B	pH		8.00	NA
2601141035B	Temperature		17.8	ºC
2601141035B	Transducer			ft
2601141035B	Turbidity		0.84	NTU
2601141115B	Conductivity		933	µS/cm
2601141115B	pH		7.90	NA
2601141115B	Temperature		17.6	ºC
2601141115B	Transducer			ft
2601141115B	Turbidity		0.79	NTU

Well ID	JER-2-684	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601141045B	Conductivity		969	µS/cm
2601141045B	pH		7.84	NA
2601141045B	Temperature		18.2	ºC
2601141045B	Transducer			ft
2601141045B	Turbidity		0.70	NTU
2601141125B	Conductivity		963	µS/cm
2601141125B	pH		7.80	NA
2601141125B	Temperature		17.8	ºC
2601141125B	Transducer			ft
2601141125B	Turbidity		0.62	NTU

Well ID	JP-1-424	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601141000C	Conductivity		1047	µS/cm
2601141000C	DTW		420.60	ft
2601141000C	pH		7.64	NA
2601141000C	Temperature		18.4	ºC
2601141000C	Turbidity		0.63	NTU
2601141030C	Conductivity		1069	µS/cm
2601141030C	DTW			ft
2601141030C	pH		7.80	NA
2601141030C	Temperature		18.5	ºC
2601141030C	Turbidity		0.51	NTU

Well ID	JP-2-447	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601141200C	Conductivity		1040	µS/cm
2601141200C	DTW		421.30	ft
2601141200C	pH		7.98	NA
2601141200C	Temperature		17.8	ºC
2601141200C	Turbidity		6.06	NTU
2601141220C	Conductivity		1050	µS/cm
2601141220C	DTW			ft
2601141220C	pH		7.78	NA
2601141220C	Temperature		17.9	ºC
2601141220C	Turbidity		5.94	NTU

Well ID	JP-3-509	Event Date	1/5/2026	
Sample	**Parameter**		**Result**	**Units**
2601051410C	Conductivity		1006	µS/cm
2601051410C	DTW			ft
2601051410C	pH		7.35	NA
2601051410C	Temperature		19.3	ºC
2601051410C	Turbidity		0.26	NTU
2601051440C	Conductivity		1008	µS/cm
2601051440C	DTW			ft
2601051440C	pH		7.39	NA
2601051440C	Temperature		19.2	ºC
2601051440C	Turbidity		0.31	NTU

Well ID	JP-3-689	Event Date	1/5/2026	
Sample	**Parameter**		**Result**	**Units**
2601051010C	Conductivity		1020	µS/cm
2601051010C	DTW			ft
2601051010C	pH		7.90	NA
2601051010C	Temperature		19.1	ºC
2601051010C	Turbidity		0.29	NTU
2601051045C	Conductivity		1017	µS/cm
2601051045C	DTW			ft
2601051045C	pH		7.94	NA
2601051045C	Temperature		19.2	ºC
2601051045C	Turbidity		0.33	NTU

Well ID	NASA 6	Event Date	11/10/2025	
Sample	**Parameter**		**Result**	**Units**
2511101030A	Conductivity		1810	µS/cm
2511101030A	DTW		127.65	ft
2511101030A	pH		7.00	NA
2511101030A	Temperature		20.6	ºC
2511101030A	Turbidity		7.42	NTU
2511101045A	Conductivity		1831	µS/cm
2511101045A	DTW		128.30	ft
2511101045A	pH		6.98	NA
2511101045A	Temperature		20.6	ºC
2511101045A	Turbidity		6.95	NTU

Well ID	PL-10-484	Event Date	1/15/2026	
Sample	**Parameter**		**Result**	**Units**
2601151336Y	Atmospheric Pressure		12.52	psia
2601151336Y	Conductivity		1070	µS/cm
2601151336Y	DTW		473.26	ft
2601151336Y	Formation Pressure			psia
2601151336Y	pH		8.63	NA
2601151336Y	Temperature		20.1	ºC
2601151336Y	Turbidity		2.87	NTU
2601151525Y	Atmospheric Pressure		12.54	psia
2601151525Y	Conductivity		1062	µS/cm
2601151525Y	DTW		473.32	ft
2601151525Y	Formation Pressure			psia
2601151525Y	pH		8.54	NA
2601151525Y	Temperature		20.1	ºC
2601151525Y	Turbidity		2.81	NTU

Well ID	PL-10-592	Event Date	1/13/2026	
Sample	**Parameter**		**Result**	**Units**
2601150944Y	Atmospheric Pressure		12.59	psia
2601150944Y	Conductivity		1054	µS/cm
2601150944Y	DTW		473.10	ft
2601150944Y	Formation Pressure			psia
2601150944Y	pH		8.82	NA
2601150944Y	Temperature		16.9	ºC
2601150944Y	Turbidity		2.72	NTU
2601151050Y	Atmospheric Pressure		12.59	psia
2601151050Y	Conductivity		1060	µS/cm
2601151050Y	DTW		473.26	ft
2601151050Y	Formation Pressure			psia
2601151050Y	pH		8.77	NA
2601151050Y	Temperature		16.9	ºC
2601151050Y	Turbidity		2.53	NTU

Well ID	PL-11-470	Event Date	12/1/2025	
Sample	**Parameter**		**Result**	**Units**
2512011130B	Conductivity		1042	µS/cm
2512011130B	pH		8.05	NA
2512011130B	Temperature		20.9	ºC
2512011130B	Transducer			ft
2512011130B	Turbidity		0.45	NTU
2512011215B	Conductivity		1036	µS/cm
2512011215B	pH		8.11	NA
2512011215B	Temperature		21.3	ºC
2512011215B	Transducer			ft
2512011215B	Turbidity		0.40	NTU

Well ID	PL-11-530	Event Date	12/1/2025	
Sample	**Parameter**		**Result**	**Units**
2512011150B	Conductivity		1060	µS/cm
2512011150B	pH		7.68	NA
2512011150B	Temperature		21.2	ºC
2512011150B	Transducer		NA	ft
2512011150B	Turbidity		0.27	NTU
2512011240B	Conductivity		1069	µS/cm
2512011240B	pH		7.74	NA
2512011240B	Temperature		21.4	ºC
2512011240B	Transducer			ft
2512011240B	Turbidity		0.29	NTU

Well ID	PL-11-710	Event Date	12/2/2025	
Sample	**Parameter**		**Result**	**Units**
2512021140B	Conductivity		1019	µS/cm
2512021140B	pH		8.36	NA
2512021140B	Temperature		19.4	ºC
2512021140B	Transducer			ft
2512021140B	Turbidity		0.47	NTU
2512021230B	Conductivity		1012	µS/cm
2512021230B	pH		8.32	NA
2512021230B	Temperature		19.1	ºC
2512021230B	Transducer			ft
2512021230B	Turbidity		0.53	NTU

Well ID	PL-11-820	Event Date	12/2/2025	
Sample	**Parameter**		**Result**	**Units**
2512021150B	Conductivity		942	µS/cm
2512021150B	pH		8.51	NA
2512021150B	Temperature		20.1	ºC
2512021150B	Transducer			ft
2512021150B	Turbidity		0.23	NTU
2512021255B	Conductivity		934	µS/cm
2512021255B	pH		8.60	NA
2512021255B	Temperature		19.9	ºC
2512021255B	Transducer			ft
2512021255B	Turbidity		0.23	NTU

Well ID	PL-11-980	Event Date	12/2/2025	
Sample	**Parameter**		**Result**	**Units**
2512021200B	Conductivity		916	µS/cm
2512021200B	pH		8.68	NA
2512021200B	Temperature		19.2	ºC
2512021200B	Transducer			ft
2512021200B	Turbidity		0.40	NTU
2512021315B	Conductivity		909	µS/cm
2512021315B	pH		8.77	NA
2512021315B	Temperature		19.9	ºC
2512021315B	Transducer			ft
2512021315B	Turbidity		0.35	NTU

Well ID	PL-12-570	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511110910C	Conductivity		1367	µS/cm
2511110910C	DTW			ft
2511110910C	pH		7.30	NA
2511110910C	Temperature		19.2	ºC
2511110910C	Turbidity		0.49	NTU
2511110916C	Conductivity		1358	µS/cm
2511110916C	DTW			ft
2511110916C	pH		7.23	NA
2511110916C	Temperature		19.5	ºC
2511110916C	Turbidity		0.45	NTU

Well ID	PL-12-800	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511111335C	Conductivity		1344	µS/cm
2511111335C	DTW			ft
2511111335C	pH		7.36	NA
2511111335C	Temperature		21.5	ºC
2511111335C	Turbidity		0.75	NTU
2511111341C	Conductivity		1338	µS/cm
2511111341C	DTW			ft
2511111341C	pH		7.43	NA
2511111341C	Temperature		21.3	ºC
2511111341C	Turbidity		0.69	NTU

Well ID	PL-1-486	Event Date	1/5/2026	
Sample	**Parameter**		**Result**	**Units**
2601051345A	Conductivity		1195	µS/cm
2601051345A	DTW		491.84	ft
2601051345A	pH		7.88	NA
2601051345A	Temperature		20.3	ºC
2601051345A	Turbidity		0.67	NTU
2601051355A	Conductivity		1203	µS/cm
2601051355A	DTW		491.96	ft
2601051355A	pH		7.80	NA
2601051355A	Temperature		20.8	ºC
2601051355A	Turbidity		0.62	NTU

Well ID	PL-2-504	Event Date	12/10/2025	
Sample	**Parameter**		**Result**	**Units**
2512101410C	Conductivity		962	µS/cm
2512101410C	DTW			ft
2512101410C	pH		7.91	NA
2512101410C	Temperature		21.3	ºC
2512101410C	Turbidity		0.54	NTU
2512101435C	Conductivity		963	µS/cm
2512101435C	DTW			ft
2512101435C	pH		7.86	NA
2512101435C	Temperature		21.5	ºC
2512101435C	Turbidity		0.43	NTU

Well ID	PL-4-464	Event Date	12/8/2025	
Sample	**Parameter**		**Result**	**Units**
2512080920A	Conductivity		1075	µS/cm
2512080920A	DTW		456.00	ft
2512080920A	pH		7.58	NA
2512080920A	Temperature		17.3	ºC
2512080920A	Turbidity		0.38	NTU
2512080929A	Conductivity		1067	µS/cm
2512080929A	DTW		456.09	ft
2512080929A	pH		7.49	NA
2512080929A	Temperature		17.7	ºC
2512080929A	Turbidity		0.30	NTU

Well ID	PL-6-1195	Event Date	1/5/2026	
Sample	**Parameter**		**Result**	**Units**
2601051420Y	Atmospheric Pressure		12.38	psia
2601051420Y	Conductivity		1693	µS/cm
2601051420Y	DTW			ft
2601051420Y	Formation Pressure			psia
2601051420Y	pH		7.53	NA
2601051420Y	Temperature		22.2	ºC
2601051420Y	Turbidity		2.57	NTU
2601061010Y	Atmospheric Pressure		12.40	psia
2601061010Y	Conductivity		1649	µS/cm
2601061010Y	DTW			ft
2601061010Y	Formation Pressure			psia
2601061010Y	pH		7.84	NA
2601061010Y	Temperature		22.5	ºC
2601061010Y	Turbidity		3.36	NTU

Well ID	PL-6-1335	Event Date	1/6/2026	
Sample	**Parameter**		**Result**	**Units**
2601061400Y	Atmospheric Pressure		12.42	psia
2601061400Y	Conductivity		1987	µS/cm
2601061400Y	DTW			ft
2601061400Y	Formation Pressure			psia
2601061400Y	pH		7.37	NA
2601061400Y	Temperature		21.3	ºC
2601061400Y	Turbidity		2.83	NTU
2601071045Y	Atmospheric Pressure			psia
2601071045Y	Conductivity		1974	µS/cm
2601071045Y	DTW			ft
2601071045Y	Formation Pressure			psia
2601071045Y	pH		7.41	NA
2601071045Y	Temperature		21.0	ºC
2601071045Y	Turbidity		2.75	NTU

Well ID	PL-6-545	Event Date	1/12/2026	
Sample	**Parameter**		**Result**	**Units**
2601130942Y	Atmospheric Pressure		12.57	psia
2601130942Y	Conductivity		1038	µS/cm
2601130942Y	DTW			ft
2601130942Y	Formation Pressure			psia
2601130942Y	pH		8.41	NA
2601130942Y	Temperature		21.4	ºC
2601130942Y	Turbidity		1.99	NTU
2601131028Y	Atmospheric Pressure		12.57	psia
2601131028Y	Conductivity		1041	µS/cm
2601131028Y	DTW			ft
2601131028Y	Formation Pressure			psia
2601131028Y	pH		8.36	NA
2601131028Y	Temperature		21.4	ºC
2601131028Y	Turbidity		1.78	NTU

Well ID	PL-6-725	Event Date	1/12/2026	
Sample	**Parameter**		**Result**	**Units**
2601121255Y	Atmospheric Pressure		12.56	psia
2601121255Y	Conductivity		1010	µS/cm
2601121255Y	DTW			ft
2601121255Y	Formation Pressure			psia
2601121255Y	pH		7.47	NA
2601121255Y	Temperature		23.4	ºC
2601121255Y	Turbidity		0.23	NTU
2601121325Y	Atmospheric Pressure		12.56	psia
2601121325Y	Conductivity		1013	µS/cm
2601121325Y	DTW			ft
2601121325Y	Formation Pressure			psia
2601121325Y	pH		7.52	NA
2601121325Y	Temperature		23.4	ºC
2601121325Y	Turbidity		0.26	NTU

Well ID	PL-6-915	Event Date	1/7/2026	
Sample	**Parameter**		**Result**	**Units**
2601080930Y	Atmospheric Pressure			psia
2601080930Y	Conductivity		1006	µS/cm
2601080930Y	DTW			ft
2601080930Y	Formation Pressure			psia
2601080930Y	pH		8.14	NA
2601080930Y	Temperature		20.5	ºC
2601080930Y	Turbidity		3.69	NTU
2601081415Y	Atmospheric Pressure			psia
2601081415Y	Conductivity		999	µS/cm
2601081415Y	DTW			ft
2601081415Y	Formation Pressure			psia
2601081415Y	pH		7.96	NA
2601081415Y	Temperature		20.3	ºC
2601081415Y	Turbidity		2.45	NTU

Well ID	PL-7-560	Event Date	11/7/2025	
Sample	**Parameter**		**Result**	**Units**
2511070930Y	Atmospheric Pressure		12.44	psia
2511070930Y	Conductivity		949	µS/cm
2511070930Y	DTW		487.01	ft
2511070930Y	Formation Pressure			psia
2511070930Y	pH		8.13	NA
2511070930Y	Temperature		21.5	ºC
2511070930Y	Turbidity		0.61	NTU
2511071025Y	Atmospheric Pressure		12.47	psia
2511071025Y	Conductivity		938	µS/cm
2511071025Y	DTW		487.08	ft
2511071025Y	Formation Pressure			psia
2511071025Y	pH		7.97	NA
2511071025Y	Temperature		21.9	ºC
2511071025Y	Turbidity		0.53	NTU

Well ID	PL-8-455	Event Date	12/3/2025	
Sample	**Parameter**		**Result**	**Units**
2512031055Y	Atmospheric Pressure		12.31	psia
2512031055Y	Conductivity		953	µS/cm
2512031055Y	DTW			ft
2512031055Y	Formation Pressure			psia
2512031055Y	pH		8.37	NA
2512031055Y	Temperature		21.2	ºC
2512031055Y	Turbidity		0.67	NTU
2512031445Y	Atmospheric Pressure			psia
2512031445Y	Conductivity		965	µS/cm
2512031445Y	DTW			ft
2512031445Y	Formation Pressure			psia
2512031445Y	pH		8.42	NA
2512031445Y	Temperature		22.8	ºC
2512031445Y	Turbidity		0.59	NTU

Well ID	PL-8-605	Event Date	12/2/2025	
Sample	**Parameter**		**Result**	**Units**
2512021310Y	Atmospheric Pressure		12.32	psia
2512021310Y	Conductivity		1098	µS/cm
2512021310Y	DTW			ft
2512021310Y	Formation Pressure			psia
2512021310Y	pH		8.21	NA
2512021310Y	Temperature		22.3	ºC
2512021310Y	Turbidity		1.27	NTU
2512021420Y	Atmospheric Pressure			psia
2512021420Y	Conductivity		1084	µS/cm
2512021420Y	DTW			ft
2512021420Y	Formation Pressure			psia
2512021420Y	pH		8.17	NA
2512021420Y	Temperature		22.1	ºC
2512021420Y	Turbidity		1.17	NTU

Well ID	ST-1-473	Event Date	12/8/2025	
Sample	**Parameter**		**Result**	**Units**
2512081355A	Conductivity		939	µS/cm
2512081355A	DTW		478.77	ft
2512081355A	pH		7.81	NA
2512081355A	Temperature		19.1	ºC
2512081355A	Turbidity		0.35	NTU
2512081403A	Conductivity		926	µS/cm
2512081403A	DTW		478.86	ft
2512081403A	pH		7.82	NA
2512081403A	Temperature		18.9	ºC
2512081403A	Turbidity		0.28	NTU

Well ID	ST-1-541	Event Date	11/13/2025	
Sample	**Parameter**		**Result**	**Units**
2511130915A	Conductivity		1133	µS/cm
2511130915A	DTW		476.60	ft
2511130915A	pH		7.25	NA
2511130915A	Temperature		17.0	ºC
2511130915A	Turbidity		0.75	NTU
2511130955A	Conductivity		1111	µS/cm
2511130955A	DTW		478.60	ft
2511130955A	pH		7.55	NA
2511130955A	Temperature		17.2	ºC
2511130955A	Turbidity		0.56	NTU

Well ID	ST-1-630	Event Date	11/13/2025	
Sample	**Parameter**		**Result**	**Units**
2511131000C	Conductivity		1406	µS/cm
2511131000C	DTW			ft
2511131000C	pH		7.45	NA
2511131000C	Temperature		20.5	ºC
2511131000C	Turbidity		2.70	NTU
2511131005C	Conductivity		1398	µS/cm
2511131005C	DTW			ft
2511131005C	pH		7.38	NA
2511131005C	Temperature		20.3	ºC
2511131005C	Turbidity		2.33	NTU

Well ID	ST-3-486	Event Date	12/9/2025	
Sample	**Parameter**		**Result**	**Units**
2512090945A	Conductivity		1052	µS/cm
2512090945A	DTW		469.05	ft
2512090945A	pH		6.85	NA
2512090945A	Temperature		19.4	ºC
2512090945A	Turbidity		0.22	NTU
2512091010A	Conductivity		1049	µS/cm
2512091010A	DTW		469.05	ft
2512091010A	pH		6.93	NA
2512091010A	Temperature		19.4	ºC
2512091010A	Turbidity		0.27	NTU

Well ID	ST-3-586	Event Date	12/9/2025	
Sample	**Parameter**		**Result**	**Units**
2512091410A	Conductivity		1079	µS/cm
2512091410A	DTW		469.35	ft
2512091410A	pH		7.03	NA
2512091410A	Temperature		21.3	ºC
2512091410A	Turbidity		0.42	NTU
2512091425A	Conductivity		1066	µS/cm
2512091425A	DTW		469.35	ft
2512091425A	pH		7.12	NA
2512091425A	Temperature		21.4	ºC
2512091425A	Turbidity		0.51	NTU

Well ID	ST-3-666	Event Date	12/9/2025	
Sample	**Parameter**		**Result**	**Units**
2512091405C	Conductivity		479	µS/cm
2512091405C	DTW			ft
2512091405C	pH		7.55	NA
2512091405C	Temperature		21.0	ºC
2512091405C	Turbidity		0.12	NTU
2512091430C	Conductivity		978	µS/cm
2512091430C	DTW			ft
2512091430C	pH		7.50	NA
2512091430C	Temperature		21.3	ºC
2512091430C	Turbidity		0.18	NTU

Well ID	ST-3-735	Event Date	12/9/2025	
Sample	**Parameter**		**Result**	**Units**
2512091010C	Conductivity		943	µS/cm
2512091010C	DTW			ft
2512091010C	pH		7.40	NA
2512091010C	Temperature		18.7	ºC
2512091010C	Turbidity		0.58	NTU
2512091025C	Conductivity		986	µS/cm
2512091025C	DTW			ft
2512091025C	pH		7.49	NA
2512091025C	Temperature		18.9	ºC
2512091025C	Turbidity		0.44	NTU

Well ID	ST-4-481	Event Date	12/5/2025	
Sample	**Parameter**		**Result**	**Units**
2512050930A	Conductivity		1040	µS/cm
2512050930A	DTW		465.60	ft
2512050930A	pH		7.42	NA
2512050930A	Temperature		18.3	ºC
2512050930A	Turbidity		0.30	NTU
2512050946A	Conductivity		1036	µS/cm
2512050946A	DTW		465.78	ft
2512050946A	pH		7.37	NA
2512050946A	Temperature		18.3	ºC
2512050946A	Turbidity		0.33	NTU

Well ID	ST-4-589	Event Date	12/4/2025	
Sample	**Parameter**		**Result**	**Units**
2512040930A	Conductivity		812	µS/cm
2512040930A	DTW		464.70	ft
2512040930A	pH		7.36	NA
2512040930A	Temperature		18.0	ºC
2512040930A	Turbidity		0.16	NTU
2512040945A	Conductivity		8.19	µS/cm
2512040945A	DTW		464.76	ft
2512040945A	pH		7.42	NA
2512040945A	Temperature		18.1	ºC
2512040945A	Turbidity		0.21	NTU

Well ID	ST-4-690	Event Date	12/4/2025	
Sample	**Parameter**		**Result**	**Units**
2512041400A	Conductivity		846	µS/cm
2512041400A	DTW		464.50	ft
2512041400A	pH		8.15	NA
2512041400A	Temperature		17.3	ºC
2512041400A	Turbidity		0.49	NTU
2512041430A	Conductivity		851	µS/cm
2512041430A	DTW			ft
2512041430A	pH		8.22	NA
2512041430A	Temperature		17.7	ºC
2512041430A	Turbidity		0.46	NTU

Well ID	ST-5-485	Event Date	11/6/2025	
Sample	**Parameter**		**Result**	**Units**
2511061330Y	Atmospheric Pressure		12.47	psia
2511061330Y	Conductivity		970	µS/cm
2511061330Y	DTW		491.39	ft
2511061330Y	Formation Pressure			psia
2511061330Y	pH		8.09	NA
2511061330Y	Temperature		23.4	ºC
2511061330Y	Turbidity		0.78	NTU
2511061415Y	Atmospheric Pressure		12.48	psia
2511061415Y	Conductivity		979	µS/cm
2511061415Y	DTW		491.41	ft
2511061415Y	Formation Pressure			psia
2511061415Y	pH		8.15	NA
2511061415Y	Temperature		23.6	ºC
2511061415Y	Turbidity		0.72	NTU

Well ID	ST-5-655	Event Date	11/6/2025	
Sample	**Parameter**		**Result**	**Units**
2511060940Y	Atmospheric Pressure		12.50	psia
2511060940Y	Conductivity		830	µS/cm
2511060940Y	DTW		491.31	ft
2511060940Y	Formation Pressure			psia
2511060940Y	pH		8.15	NA
2511060940Y	Temperature		22.8	ºC
2511060940Y	Turbidity		1.09	NTU
2511061007Y	Atmospheric Pressure		12.50	psia
2511061007Y	Conductivity		821	µS/cm
2511061007Y	DTW			ft
2511061007Y	Formation Pressure			psia
2511061007Y	pH		8.04	NA
2511061007Y	Temperature		23.1	ºC
2511061007Y	Turbidity		0.98	NTU

Well ID	ST-6-528	Event Date	12/3/2025	
Sample	**Parameter**		**Result**	**Units**
2512031150B	Conductivity		1041	µS/cm
2512031150B	pH		7.79	NA
2512031150B	Temperature		19.2	ºC
2512031150B	Transducer			ft
2512031150B	Turbidity		0.36	NTU
2512031235B	Conductivity		1050	µS/cm
2512031235B	pH		7.70	NA
2512031235B	Temperature		19.5	ºC
2512031235B	Transducer			ft
2512031235B	Turbidity		0.33	NTU

Well ID	ST-6-568	Event Date	12/3/2025	
Sample	**Parameter**		**Result**	**Units**
2512031200B	Conductivity		1024	µS/cm
2512031200B	pH		7.53	NA
2512031200B	Temperature		20.1	ºC
2512031200B	Transducer			ft
2512031200B	Turbidity		0.22	NTU
2512031300B	Conductivity		1016	µS/cm
2512031300B	pH		7.42	NA
2512031300B	Temperature		20.3	ºC
2512031300B	Transducer			ft
2512031300B	Turbidity		0.25	NTU

Well ID	ST-6-678	Event Date	12/4/2025	
Sample	**Parameter**		**Result**	**Units**
2512041130B	Conductivity		975	µS/cm
2512041130B	pH		8.06	NA
2512041130B	Temperature		20.9	ºC
2512041130B	Transducer			ft
2512041130B	Turbidity		0.52	NTU
2512041245B	Conductivity		970	µS/cm
2512041245B	pH		8.13	NA
2512041245B	Temperature		20.3	ºC
2512041245B	Transducer			ft
2512041245B	Turbidity		0.45	NTU

Well ID	ST-6-824	Event Date	12/4/2025	
Sample	**Parameter**		**Result**	**Units**
2512041145B	Conductivity		898	µS/cm
2512041145B	pH		8.22	NA
2512041145B	Temperature		19.6	ºC
2512041145B	Transducer			ft
2512041145B	Turbidity		0.24	NTU
2512041300B	Conductivity		906	µS/cm
2512041300B	pH		8.28	NA
2512041300B	Temperature		20.0	ºC
2512041300B	Transducer			ft
2512041300B	Turbidity		0.22	NTU

Well ID	ST-6-970	Event Date	12/4/2025	
Sample	**Parameter**		**Result**	**Units**
2512041200B	Conductivity		972	µS/cm
2512041200B	pH		8.65	NA
2512041200B	Temperature		19.3	ºC
2512041200B	Transducer			ft
2512041200B	Turbidity		0.96	NTU
2512041325B	Conductivity		980	µS/cm
2512041325B	pH		8.72	NA
2512041325B	Temperature		19.8	ºC
2512041325B	Transducer			ft
2512041325B	Turbidity		0.88	NTU

Well ID	ST-7-544	Event Date	1/8/2026	
Sample	**Parameter**		**Result**	**Units**
2601081214B	Conductivity		1023	µS/cm
2601081214B	pH		7.29	NA
2601081214B	Temperature		19.1	ºC
2601081214B	Transducer			ft
2601081214B	Turbidity		0.63	NTU
2601081220B	Conductivity		1025	µS/cm
2601081220B	pH		7.31	NA
2601081220B	Temperature		19.3	ºC
2601081220B	Transducer			ft
2601081220B	Turbidity		0.78	NTU

Well ID	ST-7-779	Event Date	1/8/2026	
Sample	**Parameter**		**Result**	**Units**
2601081234B	Conductivity		892	µS/cm
2601081234B	pH		7.73	NA
2601081234B	Temperature		16.9	ºC
2601081234B	Transducer			ft
2601081234B	Turbidity		0.59	NTU
2601081239B	Conductivity		895	µS/cm
2601081239B	pH		7.75	NA
2601081239B	Temperature		16.3	ºC
2601081239B	Transducer			ft
2601081239B	Turbidity		0.63	NTU

Well ID	ST-7-970	Event Date	1/8/2026	
Sample	**Parameter**		**Result**	**Units**
2601081249B	Conductivity		821	µS/cm
2601081249B	pH		7.97	NA
2601081249B	Temperature		17.0	ºC
2601081249B	Transducer			ft
2601081249B	Turbidity		0.38	NTU
2601081300B	Conductivity		825	µS/cm
2601081300B	pH		7.94	NA
2601081300B	Temperature		17.02	ºC
2601081300B	Transducer			ft
2601081300B	Turbidity		0.40	NTU

Well ID	WW-1-452	Event Date	12/11/2025	
Sample	**Parameter**		**Result**	**Units**
2512111010A	Conductivity		1119	µS/cm
2512111010A	DTW		429.23	ft
2512111010A	pH		7.53	NA
2512111010A	Temperature		18.6	ºC
2512111010A	Turbidity		1.02	NTU
2512111025A	Conductivity		1121	µS/cm
2512111025A	DTW		429.23	ft
2512111025A	pH		7.49	NA
2512111025A	Temperature		18.7	ºC
2512111025A	Turbidity		1.05	NTU

Well ID	WW-2-489	Event Date	12/10/2025	
Sample	**Parameter**		**Result**	**Units**
2512100840B	Conductivity		922	µS/cm
2512100840B	DTW			ft
2512100840B	pH		7.95	NA
2512100840B	Temperature		18.4	ºC
2512100840B	Turbidity		0.72	NTU
2512100849B	Conductivity		916	µS/cm
2512100849B	DTW			ft
2512100849B	pH		7.92	NA
2512100849B	Temperature		18.0	ºC
2512100849B	Turbidity		0.64	NTU

Well ID	WW-2-664	Event Date	12/10/2025	
Sample	**Parameter**		**Result**	**Units**
2512101350B	Conductivity		921	µS/cm
2512101350B	DTW			ft
2512101350B	pH		7.93	NA
2512101350B	Temperature		19.9	ºC
2512101350B	Turbidity		3.83	NTU
2512101356B	Conductivity		928	µS/cm
2512101356B	DTW			ft
2512101356B	pH		7.99	NA
2512101356B	Temperature		20.1	ºC
2512101356B	Turbidity		3.15	NTU

Well ID	WW-3-469	Event Date	12/1/2025	
Sample	**Parameter**		**Result**	**Units**
2512011412Y	Atmospheric Pressure		12.54	psia
2512011412Y	Conductivity		1144	µS/cm
2512011412Y	DTW		416.19	ft
2512011412Y	Formation Pressure			psia
2512011412Y	pH		7.41	NA
2512011412Y	Temperature		22.9	ºC
2512011412Y	Turbidity		0.56	NTU
2512011437Y	Atmospheric Pressure		7.06	psia
2512011437Y	Conductivity		1139	µS/cm
2512011437Y	DTW		416.23	ft
2512011437Y	Formation Pressure			psia
2512011437Y	pH		7.50	NA
2512011437Y	Temperature		22.9	ºC
2512011437Y	Turbidity		0.55	NTU

Well ID	WW-3-569	Event Date	12/1/2025	
Sample	**Parameter**		**Result**	**Units**
2512011015Y	Atmospheric Pressure		12.53	psia
2512011015Y	Conductivity		1102	µS/cm
2512011015Y	DTW		416.10	ft
2512011015Y	Formation Pressure			psia
2512011015Y	pH		8.04	NA
2512011015Y	Temperature		22.2	ºC
2512011015Y	Turbidity		0.32	NTU
2512011310Y	Atmospheric Pressure		12.54	psia
2512011310Y	Conductivity		1110	µS/cm
2512011310Y	DTW		416.19	ft
2512011310Y	Formation Pressure			psia
2512011310Y	pH		7.98	NA
2512011310Y	Temperature		22.3	ºC
2512011310Y	Turbidity		0.44	NTU

Well ID	WW-4-419	Event Date	11/4/2025	
Sample	**Parameter**		**Result**	**Units**
2511041215B	Conductivity		1287	µS/cm
2511041215B	pH		8.44	NA
2511041215B	Temperature		24.9	ºC
2511041215B	Transducer			ft
2511041215B	Turbidity		0.63	NTU
2511041235B	Conductivity		1285	µS/cm
2511041235B	pH		8.46	NA
2511041235B	Temperature		24.7	ºC
2511041235B	Transducer			ft
2511041235B	Turbidity		0.69	NTU

Well ID	WW-4-589	Event Date	11/4/2025	
Sample	**Parameter**		**Result**	**Units**
2511041240B	Conductivity		1237	µS/cm
2511041240B	pH		8.44	NA
2511041240B	Temperature		22.1	ºC
2511041240B	Transducer			ft
2511041240B	Turbidity		0.61	NTU
2511041300B	Conductivity		1240	µS/cm
2511041300B	pH		8.43	NA
2511041300B	Temperature		22.8	ºC
2511041300B	Transducer			ft
2511041300B	Turbidity		0.58	NTU

Well ID	WW-4-848	Event Date	11/5/2025	
Sample	**Parameter**		**Result**	**Units**
2511051225B	Conductivity		1066	µS/cm
2511051225B	pH		7.85	NA
2511051225B	Temperature		21.6	ºC
2511051225B	Transducer			ft
2511051225B	Turbidity		0.69	NTU
2511051235B	Conductivity		1070	µS/cm
2511051235B	pH		7.80	NA
2511051235B	Temperature		21.7	ºC
2511051235B	Transducer			ft
2511051235B	Turbidity		0.71	NTU

Well ID	WW-4-948	Event Date	11/5/2025	
Sample	**Parameter**		**Result**	**Units**
2511051249B	Conductivity		1300	µS/cm
2511051249B	pH		8.35	NA
2511051249B	Temperature		22.5	ºC
2511051249B	Transducer			ft
2511051249B	Turbidity		0.59	NTU
2511051255B	Conductivity		1289	µS/cm
2511051255B	pH		8.39	NA
2511051255B	Temperature		22.4	ºC
2511051255B	Transducer			ft
2511051255B	Turbidity		0.63	NTU

Well ID	WW-5-459	Event Date	1/12/2026	
Sample	**Parameter**		**Result**	**Units**
2601121115B	Conductivity		1001	µS/cm
2601121115B	pH		7.55	NA
2601121115B	Temperature		17.4	ºC
2601121115B	Transducer			ft
2601121115B	Turbidity		0.72	NTU
2601121145B	Conductivity		1006	µS/cm
2601121145B	pH		7.62	NA
2601121145B	Temperature		18.0	ºC
2601121145B	Transducer			ft
2601121145B	Turbidity		0.65	NTU

Well ID	WW-5-579	Event Date	1/12/2026	
Sample	**Parameter**		**Result**	**Units**
2601121130B	Conductivity		928	µS/cm
2601121130B	pH		7.60	NA
2601121130B	Temperature		18.5	ºC
2601121130B	Transducer			ft
2601121130B	Turbidity		0.52	NTU
2601121215B	Conductivity		917	µS/cm
2601121215B	pH		7.51	NA
2601121215B	Temperature		18.2	ºC
2601121215B	Transducer			ft
2601121215B	Turbidity		0.43	NTU

Well ID	WW-5-809	Event Date	1/13/2026	
Sample	**Parameter**		**Result**	**Units**
2601131100B	Conductivity		875	µS/cm
2601131100B	pH		7.70	NA
2601131100B	Temperature		18.5	ºC
2601131100B	Transducer			ft
2601131100B	Turbidity		0.68	NTU
2601131150B	Conductivity		868	µS/cm
2601131150B	pH		7.62	NA
2601131150B	Temperature		18.9	ºC
2601131150B	Transducer			ft
2601131150B	Turbidity		0.60	NTU

Well ID	WW-5-909	Event Date	1/13/2026	
Sample	**Parameter**		**Result**	**Units**
2601131115B	Conductivity		1138	µS/cm
2601131115B	pH		7.48	NA
2601131115B	Temperature		19.7	ºC
2601131115B	Transducer			ft
2601131115B	Turbidity		0.61	NTU
2601131210B	Conductivity		1122	µS/cm
2601131210B	pH		7.53	NA
2601131210B	Temperature		19.4	ºC
2601131210B	Transducer			ft
2601131210B	Turbidity		0.55	NTU

Appendix A.2
Monitor Well Analytical Data

Analytical Results for Sampling Events at 100-D-176

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/7/2025	8260	2511071000A	Trichloroethene (TCE)	3.7	ug/L	1.0	0.20		
11/7/2025	8260	2511071000A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.53	ug/L	1.0	0.20		J
11/7/2025	8260	2511071000A	Sulfur Dioxide	0.43	ug/L	NA	NA		J TIC
11/7/2025	8260	2511071000A	1,1,2-Trichloro-1,2,2-Trifluoroethane	24	ug/L	1.0	0.20		
11/7/2025	8260	2511071002A	1,1,2-Trichloro-1,2,2-Trifluoroethane	26	ug/L	1.0	0.20		
11/7/2025	8260	2511071002A	Trichloroethene (TCE)	3.7	ug/L	1.0	0.20		
11/7/2025	8260	2511071002A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.51	ug/L	1.0	0.20		J
11/7/2025	8260	2511071002A	Benzene, 1-bromo-3-fluoro-	25	ug/L	NA	NA		J TIC RB
11/7/2025	607	2511071004A	Bromacil	0.04	µg/L	0.01	0.0051	216	
11/7/2025	8270	2511071005A	Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	3.8	ug/L	NA	NA		J TIC RB
11/7/2025	8270	2511071005A	n-Hexadecanoic acid	0.42	ug/L	NA	NA		J TIC
11/7/2025	8270	2511071005A	Carbonic acid, dodecyl isobutyl ester	1.1	ug/L	NA	NA		J TIC RB
11/7/2025	8270	2511071005A	1H-Benzotriazole, 4-methyl-	9.1	ug/L	NA	NA		J TIC
11/7/2025	8270	2511071005A	Cyclohexasiloxane, dodecamethyl-	0.62	ug/L	NA	NA		J TIC RB
11/7/2025	8270	2511071005A	Cyclotetrasiloxane, octamethyl-	6	ug/L	NA	NA		J TIC RB
11/7/2025	8270	2511071005A	Cyclotrisiloxane, hexamethyl-	13	ug/L	NA	NA		J TIC RB
11/7/2025	8270	2511071005A	Spiro[2.4]hepta-4,6-diene	5.2	ug/L	NA	NA		J TIC
11/7/2025	8270	2511071005A	Terephthalic acid, di(2-ethylhexyl) ester	1.3	ug/L	NA	NA		J TIC
11/7/2025	8270	2511071005A	Cyclopentasiloxane, decamethyl-	1	ug/L	NA	NA		J TIC RB
11/7/2025	METALS	2511071006A	Molybdenum, Total	0.043	mg/L	0.025	0.003		
11/7/2025	METALS	2511071006A	Boron, Total	1.52	mg/L	0.20	0.02		
11/7/2025	METALS	2511071006A	Zinc, Total	0.004	mg/L	0.020	0.003		J
11/7/2025	METALS	2511071006A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
11/7/2025	METALS	2511071006A	Strontium, Total	6.96	mg/L	0.10	0.002		
11/7/2025	METALS	2511071006A	Sodium, Total	246	mg/L	1.0	0.5		
11/7/2025	METALS	2511071006A	Potassium, Total	5.3	mg/L	2.0	0.4		
11/7/2025	METALS	2511071006A	Nickel, Total	0.321	mg/L	0.040	0.003		
11/7/2025	METALS	2511071006A	Magnesium, Total	128	mg/L	1.0	0.03		
11/7/2025	METALS	2511071006A	Iron, Total	0.69	mg/L	0.10	0.07		
11/7/2025	METALS	2511071006A	Antimony, Total	0.0003	mg/L	0.0010	0.0002		J
11/7/2025	METALS	2511071006A	Calcium, Total	155	mg/L	1.0	0.3		
11/7/2025	METALS	2511071006A	Chromium, Total	0.155	mg/L	0.010	0.002		
11/7/2025	METALS	2511071006A	Barium, Total	0.034	mg/L	0.020	0.003		
11/7/2025	METALS	2511071006A	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
11/7/2025	METALS	2511071006A	Manganese, Total	0.026	mg/L	0.010	0.004		

Analytical Results for Sampling Events at 100-F-358

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/12/2026	8260_LL	2601121005C	Sulfur Dioxide	0.61	ug/L	NA	NA		J TIC RB FB
1/12/2026	607	2601121006C	Bromacil	0.006	µg/L	0.01	0.005	113	J
1/12/2026	NDMA_LL	2601121009C	N-Nitrodimethylamine	5.33	ng/L	0.49	0.34		
1/12/2026	NDMA_LL	2601121009C	N-Nitrosodimethylamine	5.32	ng/L	0.49	0.35		
1/12/2026	8270	2601121010C	1,4-Dioxane	0.05	ug/L	0.040	0.035		
1/12/2026	METALS	2601121011C	Arsenic, Total	0.0016	mg/L	0.0010	0.0004		
1/12/2026	METALS	2601121011C	Nickel, Total	0.029	mg/L	0.040	0.003		J
1/12/2026	METALS	2601121011C	Zinc, Total	0.004	mg/L	0.020	0.003		J
1/12/2026	METALS	2601121011C	Strontium, Total	6.32	mg/L	0.10	0.002		
1/12/2026	METALS	2601121011C	Sodium, Total	42.3	mg/L	1.0	0.5		
1/12/2026	METALS	2601121011C	Potassium, Total	3.4	mg/L	2.0	0.4		
1/12/2026	METALS	2601121011C	Manganese, Total	0.019	mg/L	0.010	0.004		
1/12/2026	METALS	2601121011C	Magnesium, Total	72	mg/L	1.0	0.03		
1/12/2026	METALS	2601121011C	Calcium, Total	152	mg/L	1.0	0.3		
1/12/2026	METALS	2601121011C	Boron, Total	0.07	mg/L	0.20	0.02		J
1/12/2026	METALS	2601121011C	Barium, Total	0.029	mg/L	0.020	0.003		
1/12/2026	METALS	2601121011C	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
1/12/2026	ANIONS	2601121012C	Fluoride, undistilled	1.17	mg/L	0.10	0.010		
1/12/2026	ANIONS	2601121012C	Sulfate	458	mg/L	20	4		
1/12/2026	ANIONS	2601121012C	Chloride	32.5	mg/L	2.0	0.5		
1/12/2026	ANIONS	2601121012C	Alkalinity, Total as CaCO3	227	mg/L	2.0	1.8		
1/12/2026	SM2540C	2601121013C	Total Dissolved Solids (TDS)	1010	mg/L	11	10		

Analytical Results for Sampling Events at 100-G-223

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/7/2026	8260_LL	2601071000C	Sulfur Dioxide	2.5	ug/L	NA	NA		J TIC FB
1/7/2026	8260_LL	2601071000C	Ethyne, fluoro-	4.5	ug/L	NA	NA		J TIC
1/7/2026	NDMA_LL	2601071008C	N-Nitrosodimethylamine	1.13	ng/L	0.48	0.35		A K RB FB
1/7/2026	ANIONS	2601071014C	Sulfate	321	mg/L	20	4		
1/7/2026	ANIONS	2601071014C	Alkalinity, Total as CaCO3	273	mg/L	2.0	1.8		
1/7/2026	ANIONS	2601071014C	Chloride	36.7	mg/L	2.0	0.5		
1/7/2026	ANIONS	2601071014C	Fluoride, undistilled	1.18	mg/L	0.10	0.010		
1/7/2026	SM2540C	2601071016C	Total Dissolved Solids (TDS)	835	mg/L	10	9		
1/7/2026	353.2	2601071020C	Nitrate+Nitrite as Nitrogen	0.091	mg/L	0.050	0.002		

Analytical Results for Sampling Events at 200-G-175

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/8/2025	8260	2512081252Y	Carbon Dioxide	56	ug/L	NA	NA		J TIC RB EB
12/8/2025	8260	2512081252Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	2.8	ug/L	1.0	0.20		
12/8/2025	8260	2512081252Y	Trichloroethene (TCE)	1.6	ug/L	1.0	0.20		
12/8/2025	8260	2512081252Y	Trichlorofluoromethane (CFC 11)	4.1	ug/L	1.0	0.24		
12/8/2025	8260	2512081253Y	Trichlorofluoromethane (CFC 11)	4.9	ug/L	1.0	0.24		
12/8/2025	8260	2512081253Y	Carbon Dioxide	57	ug/L	NA	NA		J TIC RB EB
12/8/2025	8260	2512081253Y	Trichloroethene (TCE)	1.6	ug/L	1.0	0.20		
12/8/2025	8260	2512081253Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	3.1	ug/L	1.0	0.20		
12/8/2025	607	2512081255Y	Bromacil	0.12	µg/L	0.01	0.0051	158	
12/8/2025	METALS	2512081330Y	Potassium, Total	10.4	mg/L	2.0	0.4		
12/8/2025	METALS	2512081330Y	Magnesium, Total	69.3	mg/L	1.0	0.03		
12/8/2025	METALS	2512081330Y	Zinc, Total	0.017	mg/L	0.020	0.003		J EB
12/8/2025	METALS	2512081330Y	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
12/8/2025	METALS	2512081330Y	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
12/8/2025	METALS	2512081330Y	Strontium, Total	1.85	mg/L	0.10	0.002		
12/8/2025	METALS	2512081330Y	Sodium, Total	48	mg/L	1.0	0.5		
12/8/2025	METALS	2512081330Y	Molybdenum, Total	0.011	mg/L	0.025	0.003		J
12/8/2025	METALS	2512081330Y	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
12/8/2025	METALS	2512081330Y	Calcium, Total	132	mg/L	1.0	0.3		
12/8/2025	METALS	2512081330Y	Boron, Total	0.13	mg/L	0.20	0.02		J
12/8/2025	METALS	2512081330Y	Barium, Total	0.026	mg/L	0.020	0.003		
12/8/2025	METALS	2512081330Y	Nickel, Total	0.022	mg/L	0.040	0.003		J
12/8/2025	ANIONS	2512081335Y	Alkalinity, Total as CaCO3	263	mg/L	2.0	1.8		
12/8/2025	ANIONS	2512081335Y	Chloride	61.9	mg/L	2.0	0.5		
12/8/2025	ANIONS	2512081335Y	Fluoride, undistilled	1.02	mg/L	0.10	0.010		
12/8/2025	ANIONS	2512081335Y	Sulfate	334	mg/L	20	4		
12/8/2025	SM2540C	2512081337Y	Total Dissolved Solids (TDS)	895	mg/L	11	11		
12/8/2025	353.2	2512081414Y	Nitrate+Nitrite as Nitrogen	3.59	mg/L	0.25	0.008		

Analytical Results for Sampling Events at 200-G-220

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/5/2025	8260	2512051235Y	Trichlorofluoromethane (CFC 11)	3.1	ug/L	1.0	0.24		
12/5/2025	8260	2512051235Y	Carbon Dioxide	57	ug/L	NA	NA		J TIC RB EB
12/5/2025	8260	2512051235Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.85	ug/L	1.0	0.20		J
12/5/2025	METALS	2512051237Y	Potassium, Total	2.7	mg/L	2.0	0.4		
12/5/2025	METALS	2512051237Y	Barium, Total	0.028	mg/L	0.020	0.003		
12/5/2025	METALS	2512051237Y	Zinc, Total	0.016	mg/L	0.020	0.003		J
12/5/2025	METALS	2512051237Y	Vanadium, Total	0.0008	mg/L	0.050	0.0007		J
12/5/2025	METALS	2512051237Y	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
12/5/2025	METALS	2512051237Y	Strontium, Total	12.5	mg/L	1.0	0.02		
12/5/2025	METALS	2512051237Y	Sodium, Total	32.4	mg/L	1.0	0.5		
12/5/2025	METALS	2512051237Y	Nickel, Total	0.024	mg/L	0.040	0.003		J
12/5/2025	METALS	2512051237Y	Molybdenum, Total	0.005	mg/L	0.025	0.003		J
12/5/2025	METALS	2512051237Y	Magnesium, Total	92.8	mg/L	1.0	0.03		
12/5/2025	METALS	2512051237Y	Boron, Total	0.07	mg/L	0.20	0.02		J
12/5/2025	METALS	2512051237Y	Arsenic, Total	0.0004	mg/L	0.0010	0.0004		J
12/5/2025	METALS	2512051237Y	Calcium, Total	187	mg/L	1.0	0.3		

Analytical Results for Sampling Events at 200-G-340

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/5/2025	8260	2512051105Y	Carbon Dioxide	60	ug/L	NA	NA		J TIC RB EB
12/5/2025	METALS	2512051107Y	Molybdenum, Total	0.003	mg/L	0.025	0.003		J
12/5/2025	METALS	2512051107Y	Sodium, Total	35.8	mg/L	1.0	0.5		
12/5/2025	METALS	2512051107Y	Strontium, Total	13.3	mg/L	1.0	0.02		
12/5/2025	METALS	2512051107Y	Potassium, Total	2.6	mg/L	2.0	0.4		
12/5/2025	METALS	2512051107Y	Nickel, Total	0.029	mg/L	0.040	0.003		J
12/5/2025	METALS	2512051107Y	Magnesium, Total	120	mg/L	1.0	0.03		
12/5/2025	METALS	2512051107Y	Iron, Total	0.41	mg/L	0.10	0.07		
12/5/2025	METALS	2512051107Y	Calcium, Total	279	mg/L	10	3		
12/5/2025	METALS	2512051107Y	Zinc, Total	0.009	mg/L	0.020	0.003		J
12/5/2025	METALS	2512051107Y	Boron, Total	0.07	mg/L	0.20	0.02		J
12/5/2025	METALS	2512051107Y	Barium, Total	0.022	mg/L	0.020	0.003		
12/5/2025	METALS	2512051107Y	Manganese, Total	0.008	mg/L	0.010	0.004		J

Analytical Results for Sampling Events at 200-G-420

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/4/2025	8260	2512041400Y	Carbon Dioxide	54	ug/L	NA	NA		J TIC RB EB
12/4/2025	8260	2512041400Y	Aminomethanesulfonic acid	1.8	ug/L	NA	NA		J TIC
12/4/2025	METALS	2512041402Y	Boron, Total	0.08	mg/L	0.20	0.02		J
12/4/2025	METALS	2512041402Y	Zinc, Total	0.013	mg/L	0.020	0.003		J
12/4/2025	METALS	2512041402Y	Strontium, Total	14.4	mg/L	1.0	0.02		
12/4/2025	METALS	2512041402Y	Sodium, Total	35	mg/L	1.0	0.5		
12/4/2025	METALS	2512041402Y	Potassium, Total	2.5	mg/L	2.0	0.4		
12/4/2025	METALS	2512041402Y	Nickel, Total	0.025	mg/L	0.040	0.003		J
12/4/2025	METALS	2512041402Y	Manganese, Total	0.012	mg/L	0.010	0.004		
12/4/2025	METALS	2512041402Y	Magnesium, Total	138	mg/L	1.0	0.03		
12/4/2025	METALS	2512041402Y	Calcium, Total	407	mg/L	10	3		
12/4/2025	METALS	2512041402Y	Barium, Total	0.011	mg/L	0.020	0.003		J
12/4/2025	METALS	2512041402Y	Iron, Total	0.2	mg/L	0.10	0.07		
12/4/2025	ANIONS	2512041430Y	Chloride	35	mg/L	2.0	0.5		
12/4/2025	ANIONS	2512041430Y	Fluoride, undistilled	1.37	mg/L	0.10	0.010		
12/4/2025	ANIONS	2512041430Y	Alkalinity, Total as CaCO3	233	mg/L	2.0	1.8		
12/4/2025	ANIONS	2512041430Y	Sulfate	1170	mg/L	40	8		
12/4/2025	SM2540C	2512041431Y	Total Dissolved Solids (TDS)	2000	mg/L	23	21		

Analytical Results for Sampling Events at 200-G-495

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/4/2025	8260	2512041042Y	Carbon Dioxide	59	ug/L	NA	NA		J TIC RB
12/4/2025	8260	2512041042Y	Carbonyl Sulfide	2.4	ug/L	NA	NA		J TIC
12/4/2025	8260	2512041042Y	Sulfur Dioxide	45	ug/L	NA	NA		J TIC
12/4/2025	607	2512041043Y	Bromacil	0.006	µg/L	0.01	0.005	138	J
12/4/2025	METALS	2512041044Y	Zinc, Total	0.007	mg/L	0.020	0.003		J
12/4/2025	METALS	2512041044Y	Manganese, Total	0.01	mg/L	0.010	0.004		J
12/4/2025	METALS	2512041044Y	Magnesium, Total	147	mg/L	1.0	0.03		
12/4/2025	METALS	2512041044Y	Calcium, Total	538	mg/L	10	3		
12/4/2025	METALS	2512041044Y	Boron, Total	0.09	mg/L	0.20	0.02		J
12/4/2025	METALS	2512041044Y	Barium, Total	0.012	mg/L	0.020	0.003		J
12/4/2025	METALS	2512041044Y	Strontium, Total	14.9	mg/L	1.0	0.02		
12/4/2025	METALS	2512041044Y	Sodium, Total	35.7	mg/L	1.0	0.5		
12/4/2025	METALS	2512041044Y	Potassium, Total	2.5	mg/L	2.0	0.4		
12/4/2025	METALS	2512041044Y	Nickel, Total	0.021	mg/L	0.040	0.003		J

Analytical Results for Sampling Events at 200-I-300

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/12/2025	8260	2511121315Y	Tetrahydrofuran (THF)	27	ug/L	5.0	0.77		
11/12/2025	8260	2511121315Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	11	ug/L	1.0	0.20		
11/12/2025	8260	2511121315Y	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	17	ug/L	1.0	0.20		
11/12/2025	8260	2511121315Y	cis-1,2-Dichloroethene	0.46	ug/L	1.0	0.23		J
11/12/2025	8260	2511121315Y	Trichloroethene (TCE)	27	ug/L	1.0	0.20		
11/12/2025	8260	2511121315Y	Carbon Dioxide	58	ug/L	NA	NA		J TIC RB EB
11/12/2025	8260	2511121315Y	Benzene	0.39	ug/L	1.0	0.20		J
11/12/2025	8260	2511121315Y	Dichlorofluoromethane (CFC 21)	4.6	ug/L	1.0	0.20		
11/12/2025	8260	2511121315Y	Trimethylsilyl fluoride	2.7	ug/L	NA	NA		J TIC
11/12/2025	8260	2511121315Y	Tetrachloroethene (PCE)	0.53	ug/L	1.0	0.21		J
11/12/2025	607	2511121316Y	Bromacil	0.007	µg/L	0.01	0.0051	108	J
11/12/2025	METALS	2511121317Y	Potassium, Total	3.1	mg/L	2.0	0.4		
11/12/2025	METALS	2511121317Y	Zinc, Total	0.01	mg/L	0.020	0.003		J EB
11/12/2025	METALS	2511121317Y	Sodium, Total	19.3	mg/L	1.0	0.5		
11/12/2025	METALS	2511121317Y	Nickel, Total	0.014	mg/L	0.040	0.003		J
11/12/2025	METALS	2511121317Y	Molybdenum, Total	0.004	mg/L	0.025	0.003		J
11/12/2025	METALS	2511121317Y	Iron, Total	0.31	mg/L	0.10	0.07		
11/12/2025	METALS	2511121317Y	Barium, Total	0.032	mg/L	0.020	0.003		
11/12/2025	METALS	2511121317Y	Calcium, Total	82.5	mg/L	1.0	0.3		
11/12/2025	METALS	2511121317Y	Strontium, Total	2.6	mg/L	0.10	0.002		
11/12/2025	METALS	2511121317Y	Boron, Total	0.09	mg/L	0.20	0.02		J
11/12/2025	METALS	2511121317Y	Magnesium, Total	50.3	mg/L	1.0	0.03		
11/12/2025	ANIONS	2511121335Y	Chloride	25.6	mg/L	2.0	0.5		
11/12/2025	ANIONS	2511121335Y	Fluoride, undistilled	2.42	mg/L	0.10	0.010		
11/12/2025	ANIONS	2511121335Y	Alkalinity, Total as CaCO3	312	mg/L	2.0	1.8		
11/12/2025	ANIONS	2511121335Y	Sulfate	129	mg/L	20	4		

Analytical Results for Sampling Events at 200-I-375

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/12/2025	8260	2511120923Y	Carbon Dioxide	49	ug/L	NA	NA		J TIC RB
11/12/2025	METALS	2511120925Y	Molybdenum, Total	0.016	mg/L	0.025	0.003		J
11/12/2025	METALS	2511120925Y	Zinc, Total	0.015	mg/L	0.020	0.003		J
11/12/2025	METALS	2511120925Y	Strontium, Total	13	mg/L	1.0	0.02		
11/12/2025	METALS	2511120925Y	Sodium, Total	22.7	mg/L	1.0	0.5		
11/12/2025	METALS	2511120925Y	Potassium, Total	3	mg/L	2.0	0.4		
11/12/2025	METALS	2511120925Y	Nickel, Total	0.016	mg/L	0.040	0.003		J
11/12/2025	METALS	2511120925Y	Magnesium, Total	61.6	mg/L	1.0	0.03		
11/12/2025	METALS	2511120925Y	Iron, Total	0.27	mg/L	0.10	0.07		
11/12/2025	METALS	2511120925Y	Calcium, Total	112	mg/L	1.0	0.3		
11/12/2025	METALS	2511120925Y	Boron, Total	0.09	mg/L	0.20	0.02		J
11/12/2025	METALS	2511120925Y	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
11/12/2025	METALS	2511120925Y	Manganese, Total	0.007	mg/L	0.010	0.004		J
11/12/2025	METALS	2511120925Y	Barium, Total	0.026	mg/L	0.020	0.003		

Analytical Results for Sampling Events at 200-I-490

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511111140Y	Benzene	0.43	ug/L	1.0	0.20		J
11/11/2025	8260	2511111140Y	Trimethylsilyl fluoride	2	ug/L	NA	NA		J TIC
11/11/2025	8260	2511111140Y	Tetrahydrofuran (THF)	5	ug/L	5.0	0.77		J
11/11/2025	METALS	2511111148Y	Vanadium, Total	0.0007	mg/L	0.050	0.0007		J
11/11/2025	METALS	2511111148Y	Molybdenum, Total	0.032	mg/L	0.025	0.003		
11/11/2025	METALS	2511111148Y	Strontium, Total	25.3	mg/L	1.0	0.02		i D
11/11/2025	METALS	2511111148Y	Sodium, Total	21	mg/L	1.0	0.5		
11/11/2025	METALS	2511111148Y	Potassium, Total	2.9	mg/L	2.0	0.4		
11/11/2025	METALS	2511111148Y	Nickel, Total	0.018	mg/L	0.040	0.003		J
11/11/2025	METALS	2511111148Y	Zinc, Total	0.009	mg/L	0.020	0.003		J EB
11/11/2025	METALS	2511111148Y	Magnesium, Total	59.1	mg/L	1.0	0.03		
11/11/2025	METALS	2511111148Y	Iron, Total	0.43	mg/L	0.10	0.07		
11/11/2025	METALS	2511111148Y	Calcium, Total	110	mg/L	1.0	0.3		
11/11/2025	METALS	2511111148Y	Boron, Total	0.07	mg/L	0.20	0.02		J
11/11/2025	METALS	2511111148Y	Arsenic, Total	0.0116	mg/L	0.0010	0.0004		
11/11/2025	METALS	2511111148Y	Barium, Total	0.027	mg/L	0.020	0.003		
11/11/2025	METALS	2511111148Y	Manganese, Total	0.004	mg/L	0.010	0.004		J

Analytical Results for Sampling Events at 200-I-675

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/10/2025	8260	2511101430Y	Sulfur Dioxide	3.3	ug/L	NA	NA		J TIC RB
11/10/2025	8260	2511101430Y	Trimethylsilyl fluoride	7.6	ug/L	NA	NA		J TIC
11/10/2025	8260	2511101430Y	Tetrahydrofuran (THF)	42	ug/L	5.0	0.77		
11/10/2025	8260	2511101430Y	L-Cysteine sulfinic acid	1.4	ug/L	NA	NA		J TIC
11/10/2025	607	2511101432Y	Bromacil	0.02	µg/L	0.01	0.0051	110	
11/10/2025	METALS	2511101435Y	Calcium, Total	221	mg/L	1.0	0.3		
11/10/2025	METALS	2511101435Y	Nickel, Total	0.017	mg/L	0.040	0.003		J
11/10/2025	METALS	2511101435Y	Strontium, Total	24.7	mg/L	1.0	0.02		i D
11/10/2025	METALS	2511101435Y	Sodium, Total	25.7	mg/L	1.0	0.5		
11/10/2025	METALS	2511101435Y	Potassium, Total	3.6	mg/L	2.0	0.4		
11/10/2025	METALS	2511101435Y	Zinc, Total	0.01	mg/L	0.020	0.003		J
11/10/2025	METALS	2511101435Y	Molybdenum, Total	0.003	mg/L	0.025	0.003		J
11/10/2025	METALS	2511101435Y	Manganese, Total	0.021	mg/L	0.010	0.004		
11/10/2025	METALS	2511101435Y	Iron, Total	0.8	mg/L	0.10	0.07		
11/10/2025	METALS	2511101435Y	Boron, Total	0.09	mg/L	0.20	0.02		J
11/10/2025	METALS	2511101435Y	Barium, Total	0.018	mg/L	0.020	0.003		J
11/10/2025	METALS	2511101435Y	Magnesium, Total	93.9	mg/L	1.0	0.03		
11/10/2025	ANIONS	2511101438Y	Alkalinity, Total as CaCO3	243	mg/L	2.0	1.8		
11/10/2025	ANIONS	2511101438Y	Chloride	37	mg/L	2.0	0.5		i D
11/10/2025	ANIONS	2511101438Y	Fluoride, undistilled	1.6	mg/L	0.10	0.010		
11/10/2025	ANIONS	2511101438Y	Sulfate	751	mg/L	20	4		i D
11/10/2025	SM2540C	2511110855Y	Total Dissolved Solids (TDS)	1350	mg/L	11	10		

Analytical Results for Sampling Events at 200-I-795

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/10/2025	8260	2511101019Y	Sulfur Dioxide	2.4	ug/L	NA	NA		J TIC RB
11/10/2025	8260	2511101019Y	Trimethylsilyl fluoride	12	ug/L	NA	NA		J TIC
11/10/2025	8260	2511101019Y	Styrene	0.3	ug/L	1.0	0.20		J
11/10/2025	8260	2511101019Y	Propionitrile	2.5	ug/L	5.0	1.3		J
11/10/2025	8260	2511101019Y	Tetrahydrofuran (THF)	130	ug/L	5.0	0.77		
11/10/2025	607	2511101022Y	Bromacil	0.05	µg/L	0.01	0.0051	110	
11/10/2025	METALS	2511101024Y	Nickel, Total	0.02	mg/L	0.040	0.003		J
11/10/2025	METALS	2511101024Y	Zinc, Total	0.132	mg/L	0.020	0.003		
11/10/2025	METALS	2511101024Y	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
11/10/2025	METALS	2511101024Y	Strontium, Total	17	mg/L	1.0	0.02		i D
11/10/2025	METALS	2511101024Y	Potassium, Total	3.7	mg/L	2.0	0.4		
11/10/2025	METALS	2511101024Y	Manganese, Total	0.018	mg/L	0.010	0.004		
11/10/2025	METALS	2511101024Y	Magnesium, Total	92.1	mg/L	1.0	0.03		
11/10/2025	METALS	2511101024Y	Iron, Total	1.13	mg/L	0.10	0.07		
11/10/2025	METALS	2511101024Y	Calcium, Total	362	mg/L	10	3		i D
11/10/2025	METALS	2511101024Y	Boron, Total	0.11	mg/L	0.20	0.02		J
11/10/2025	METALS	2511101024Y	Barium, Total	0.028	mg/L	0.020	0.003		
11/10/2025	METALS	2511101024Y	Sodium, Total	27.4	mg/L	1.0	0.5		

Analytical Results for Sampling Events at 300-F-175

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/13/2026	8270	2601131008C	1,4-Dioxane	0.063	ug/L	0.040	0.035		
1/13/2026	ANIONS	2601131009C	Alkalinity, Total as CaCO3	252	mg/L	2.0	1.8		
1/13/2026	ANIONS	2601131009C	Chloride	52.3	mg/L	2.0	0.5		
1/13/2026	ANIONS	2601131009C	Fluoride, undistilled	0.76	mg/L	0.10	0.010		
1/13/2026	ANIONS	2601131009C	Sulfate	361	mg/L	20	4		
1/13/2026	SM2540C	2601131010C	Total Dissolved Solids (TDS)	914	mg/L	10	9		
1/13/2026	6850	2601131011C	Perchlorate	0.18	ug/L	0.20	0.10		J T *
1/13/2026	353.2	2601131012C	Nitrate+Nitrite as Nitrogen	0.364	mg/L	0.050	0.002		

Analytical Results for Sampling Events at 400-A-151

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/6/2026	8260	2601061010C	1,1,2-Trichloro-1,2,2-Trifluoroethane	71	ug/L	0.50	0.20		
1/6/2026	8260	2601061010C	Dichlorofluoromethane (CFC 21)	4.8	ug/L	0.50	0.20		
1/6/2026	8260	2601061010C	Trichloroethene (TCE)	0.55	ug/L	0.50	0.20		
1/6/2026	8260	2601061010C	Trichlorofluoromethane (CFC 11)	160	ug/L	0.50	0.24		
1/6/2026	8260	2601061010C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	3.1	ug/L	0.50	0.20		
1/6/2026	8260	2601061010C	Sulfur Dioxide	0.47	ug/L	NA	NA		J TIC RB FB
1/6/2026	8260	2601061012C	Trichloroethene (TCE)	0.6	ug/L	0.50	0.20		
1/6/2026	8260	2601061012C	Trichlorofluoromethane (CFC 11)	180	ug/L	0.50	0.24		
1/6/2026	8260	2601061012C	Dichlorofluoromethane (CFC 21)	5.1	ug/L	0.50	0.20		
1/6/2026	8260	2601061012C	1,1,2-Trichloro-1,2,2-Trifluoroethane	78	ug/L	0.50	0.20		
1/6/2026	8260	2601061012C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	3.6	ug/L	0.50	0.20		
1/6/2026	607	2601061016C	Bromacil	0.86	µg/L	0.01	0.005	93	
1/6/2026	607	2601061016C	N-Nitrosodimethylamine	5.69	µg/L	0.03	0.015	44	D
1/6/2026	607	2601061016C	N-Nitrodimethylamine	3.76	µg/L	0.03	0.015	85	D
1/6/2026	METALS	2601061020C	Nickel, Total	0.024	mg/L	0.040	0.003		J
1/6/2026	METALS	2601061020C	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
1/6/2026	METALS	2601061020C	Barium, Total	0.028	mg/L	0.020	0.003		
1/6/2026	METALS	2601061020C	Strontium, Total	3.49	mg/L	0.10	0.002		
1/6/2026	METALS	2601061020C	Zinc, Total	0.004	mg/L	0.020	0.003		J
1/6/2026	METALS	2601061020C	Sodium, Total	102	mg/L	1.0	0.5		
1/6/2026	METALS	2601061020C	Potassium, Total	3.4	mg/L	2.0	0.4		
1/6/2026	METALS	2601061020C	Magnesium, Total	72	mg/L	1.0	0.03		
1/6/2026	METALS	2601061020C	Iron, Total	0.08	mg/L	0.10	0.07		J
1/6/2026	METALS	2601061020C	Chromium, Total	0.012	mg/L	0.010	0.002		
1/6/2026	METALS	2601061020C	Boron, Total	0.25	mg/L	0.20	0.02		
1/6/2026	METALS	2601061020C	Arsenic, Total	0.0005	mg/L	0.0010	0.0004		J
1/6/2026	METALS	2601061020C	Calcium, Total	105	mg/L	1.0	0.3		
1/6/2026	METALS	2601061020C	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
1/6/2026	ANIONS	2601061022C	Alkalinity, Total as CaCO3	290	mg/L	2.0	1.8		
1/6/2026	ANIONS	2601061022C	Sulfate	330	mg/L	20	4		
1/6/2026	ANIONS	2601061022C	Chloride	71.4	mg/L	2.0	0.5		
1/6/2026	ANIONS	2601061022C	Fluoride, undistilled	0.71	mg/L	0.10	0.010		
1/6/2026	SM2540C	2601061024C	Total Dissolved Solids (TDS)	949	mg/L	10	10		
1/6/2026	6850	2601061026C	Perchlorate	0.74	ug/L	0.20	0.10		T *
1/6/2026	353.2	2601061028C	Nitrate+Nitrite as Nitrogen	5.21	mg/L	0.25	0.008		

Analytical Results for Sampling Events at 400-C-143

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/10/2025	8260	2511100951C	Trichlorofluoromethane (CFC 11)	220	ug/L	1.0	0.24		G A
11/10/2025	8260	2511100951C	Nitrous Oxide	3	ug/L	NA	NA		J TIC
11/10/2025	8260	2511100951C	Sulfur Dioxide	2.1	ug/L	NA	NA		J TIC RB FB
11/10/2025	8260	2511100951C	Trichloroethene (TCE)	1.2	ug/L	1.0	0.20		
11/10/2025	8260	2511100951C	1,1,2-Trichloro-1,2,2-Trifluoroethane	82	ug/L	1.0	0.20		A
11/10/2025	8260	2511100951C	Dichlorofluoromethane (CFC 21)	2.3	ug/L	1.0	0.20		
11/10/2025	8260	2511100951C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.4	ug/L	1.0	0.20		
11/10/2025	607	2511100953C	N-Nitrosodimethylamine	4.76	µg/L	0.01	0.0051	54	
11/10/2025	607	2511100953C	N-Nitrodimethylamine	4.53	µg/L	0.01	0.0051	84	
11/10/2025	607	2511100953C	Bromacil	1.51	µg/L	0.01	0.0051	110	
11/10/2025	8270	2511100957C	n-Hexadecanoic acid	2.5	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Cyclotrisiloxane, hexamethyl-	11	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Cyclotrisiloxane, hexamethyl-	19	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	1,3-Dioxolane, 2-heptyl-	5.3	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	2-Pentanone, 4-hydroxy-4-methyl-	5.2	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	2-Pentanone, 4-hydroxy-4-methyl-	3.6	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	1-Methyl-1H-1,2,4-triazole	4.8	ug/L	NA	NA		J TIC
11/10/2025	8270	2511100957C	Cyclotetrasiloxane, octamethyl-	8.1	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Toluene	5.9	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Terephthalic acid, di(2-ethylhexyl) ester	3.1	ug/L	NA	NA		J TIC
11/10/2025	8270	2511100957C	Cyclotetrasiloxane, octamethyl-	5	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	N-Nitrosodimethylamine	3.2	ug/L	10	1.0		J
11/10/2025	8270	2511100957C	Toluene	5.5	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	2-Butanone, 3-methyl-	5.7	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Cyclohexane	33	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Cyclohexane	34	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Butane, 2-methoxy-2-methyl-	1300	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Butane, 2-methoxy-2-methyl-	1600	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Amylene Hydrate	16	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511100957C	Terephthalic acid, di(2-ethylhexyl) ester	4	ug/L	NA	NA		J TIC
11/10/2025	8270	2511100957C	Amylene Hydrate	24	ug/L	NA	NA		J TIC RB
11/10/2025	METALS	2511101000C	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
11/10/2025	METALS	2511101000C	Nickel, Total	0.032	mg/L	0.040	0.003		J
11/10/2025	METALS	2511101000C	Thallium, Total	0.00004	mg/L	0.0010	0.00004		J
11/10/2025	METALS	2511101000C	Strontium, Total	2.71	mg/L	0.10	0.002		
11/10/2025	METALS	2511101000C	Sodium, Total	91.2	mg/L	1.0	0.5		
11/10/2025	METALS	2511101000C	Potassium, Total	3	mg/L	2.0	0.4		
11/10/2025	METALS	2511101000C	Molybdenum, Total	0.006	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at 400-C-143

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/10/2025	METALS	2511101000C	Magnesium, Total	71.1	mg/L	1.0	0.03		
11/10/2025	METALS	2511101000C	Calcium, Total	97.1	mg/L	1.0	0.3		
11/10/2025	METALS	2511101000C	Barium, Total	0.032	mg/L	0.020	0.003		
11/10/2025	METALS	2511101000C	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
11/10/2025	METALS	2511101000C	Antimony, Total	0.0006	mg/L	0.0010	0.0002		J
11/10/2025	METALS	2511101000C	Boron, Total	0.25	mg/L	0.20	0.02		
11/10/2025	ANIONS	2511101002C	Fluoride, undistilled	0.73	mg/L	0.10	0.010		
11/10/2025	ANIONS	2511101002C	Sulfate	361	mg/L	20	4		i D
11/10/2025	ANIONS	2511101002C	Alkalinity, Total as CaCO3	273	mg/L	2.0	1.8		
11/10/2025	ANIONS	2511101002C	Chloride	75.3	mg/L	2.0	0.5		i D
11/10/2025	SM2540C	2511101003C	Total Dissolved Solids (TDS)	935	mg/L	14	14		
11/10/2025	6850	2511101004C	Perchlorate	1	ug/L	0.20	0.10		*
11/10/2025	353.2	2511101005C	Nitrate+Nitrite as Nitrogen	5.28	mg/L	0.50	0.02		i D

Analytical Results for Sampling Events at 600A-003-GW

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/15/2026	8260	2601151320A	Silane, methoxytrimethyl-	0.34	ug/L	NA	NA		J TIC
1/15/2026	607	2601151322A	Bromacil	1.11	µg/L	0.01	0.005	130	
1/15/2026	8270	2601151323A	1-Octanol, 2-butyl-	0.7	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	1-Octanol, 2-butyl-	0.7	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Carbonic acid, dodecyl isobutyl ester	1.6	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	n-Hexadecanoic acid	1.4	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Butane, 2-methoxy-2-methyl-	630	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Stearic Acid (Octadecanoic Acid)	1	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Terephthalic acid, di(2-ethylhexyl) ester	0.93	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Toluene	5.2	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	3-Hexen-2-one	1.1	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Diethyltoluamide	0.58	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Diethyltoluamide	0.58	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Carbonic acid, dodecyl isobutyl ester	1.6	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	n-Hexadecanoic acid	1.4	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Terephthalic acid, di(2-ethylhexyl) ester	0.93	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	2-Pentanone, 4-hydroxy-4-methyl-	5	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Terephthalic acid, di(2-ethylhexyl) ester	0.93	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	3-Hexen-2-one	1.1	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	2-Pentanone, 4-hydroxy-4-methyl-	5	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Stearic Acid (Octadecanoic Acid)	1	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Toluene	5.2	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	3-Hexen-2-one	1.1	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	2-Pentanone, 4-hydroxy-4-methyl-	5	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Diethyltoluamide	0.58	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Carbonic acid, dodecyl isobutyl ester	1.6	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	n-Hexadecanoic acid	1.4	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	Butane, 2-methoxy-2-methyl-	630	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Stearic Acid (Octadecanoic Acid)	1	ug/L	NA	NA		J TIC RB
1/15/2026	8270	2601151323A	1-Octanol, 2-butyl-	0.7	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Butane, 2-methoxy-2-methyl-	630	ug/L	NA	NA		J TIC
1/15/2026	8270	2601151323A	Toluene	5.2	ug/L	NA	NA		J TIC RB
1/15/2026	METALS	2601151324A	Sodium, Total	152	mg/L	1.0	0.5		
1/15/2026	METALS	2601151324A	Barium, Total	0.067	mg/L	0.020	0.003		
1/15/2026	METALS	2601151324A	Arsenic, Total	0.0018	mg/L	0.0010	0.0004		
1/15/2026	METALS	2601151324A	Antimony, Total	0.0005	mg/L	0.0010	0.0002		J
1/15/2026	METALS	2601151324A	Aluminum, Total	0.19	mg/L	0.10	0.03		
1/15/2026	METALS	2601151324A	Nickel, Total	0.04	mg/L	0.040	0.003		

Analytical Results for Sampling Events at 600A-003-GW

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/15/2026	METALS	2601151324A	Zinc, Total	0.029	mg/L	0.020	0.003		
1/15/2026	METALS	2601151324A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/15/2026	METALS	2601151324A	Strontium, Total	11.4	mg/L	1.0	0.02		
1/15/2026	METALS	2601151324A	Selenium, Total	0.008	mg/L	0.010	0.007		J
1/15/2026	METALS	2601151324A	Boron, Total	0.5	mg/L	0.20	0.02		
1/15/2026	METALS	2601151324A	Potassium, Total	17.1	mg/L	2.0	0.4		
1/15/2026	METALS	2601151324A	Selenium, Total	0.008	mg/L	0.010	0.007		J
1/15/2026	METALS	2601151324A	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
1/15/2026	METALS	2601151324A	Calcium, Total	368	mg/L	10	3		
1/15/2026	METALS	2601151324A	Chromium, Total	0.003	mg/L	0.010	0.002		J
1/15/2026	METALS	2601151324A	Iron, Total	0.22	mg/L	0.10	0.07		
1/15/2026	METALS	2601151324A	Magnesium, Total	219	mg/L	1.0	0.03		
1/15/2026	METALS	2601151324A	Manganese, Total	0.045	mg/L	0.010	0.004		
1/15/2026	METALS	2601151324A	Molybdenum, Total	0.013	mg/L	0.025	0.003		J RB
1/15/2026	METALS	2601151324A	Potassium, Total	17.1	mg/L	2.0	0.4		
1/15/2026	METALS	2601151324A	Sodium, Total	152	mg/L	1.0	0.5		
1/15/2026	METALS	2601151324A	Strontium, Total	11.4	mg/L	1.0	0.02		
1/15/2026	METALS	2601151324A	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
1/15/2026	METALS	2601151324A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/15/2026	METALS	2601151324A	Zinc, Total	0.029	mg/L	0.020	0.003		
1/15/2026	METALS	2601151324A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/15/2026	METALS	2601151324A	Molybdenum, Total	0.013	mg/L	0.025	0.003		J RB
1/15/2026	METALS	2601151324A	Nickel, Total	0.04	mg/L	0.040	0.003		
1/15/2026	METALS	2601151324A	Selenium, Total	0.008	mg/L	0.010	0.007		J
1/15/2026	METALS	2601151324A	Aluminum, Total	0.19	mg/L	0.10	0.03		
1/15/2026	METALS	2601151324A	Antimony, Total	0.0005	mg/L	0.0010	0.0002		J
1/15/2026	METALS	2601151324A	Arsenic, Total	0.0018	mg/L	0.0010	0.0004		
1/15/2026	METALS	2601151324A	Barium, Total	0.067	mg/L	0.020	0.003		
1/15/2026	METALS	2601151324A	Boron, Total	0.5	mg/L	0.20	0.02		
1/15/2026	METALS	2601151324A	Calcium, Total	368	mg/L	10	3		
1/15/2026	METALS	2601151324A	Chromium, Total	0.003	mg/L	0.010	0.002		J
1/15/2026	METALS	2601151324A	Iron, Total	0.22	mg/L	0.10	0.07		
1/15/2026	METALS	2601151324A	Magnesium, Total	219	mg/L	1.0	0.03		
1/15/2026	METALS	2601151324A	Manganese, Total	0.045	mg/L	0.010	0.004		
1/15/2026	METALS	2601151324A	Molybdenum, Total	0.013	mg/L	0.025	0.003		J RB
1/15/2026	METALS	2601151324A	Manganese, Total	0.045	mg/L	0.010	0.004		
1/15/2026	METALS	2601151324A	Potassium, Total	17.1	mg/L	2.0	0.4		
1/15/2026	METALS	2601151324A	Arsenic, Total	0.0018	mg/L	0.0010	0.0004		

Analytical Results for Sampling Events at 600A-003-GW

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/15/2026	METALS	2601151324A	Magnesium, Total	219	mg/L	1.0	0.03		
1/15/2026	METALS	2601151324A	Iron, Total	0.22	mg/L	0.10	0.07		
1/15/2026	METALS	2601151324A	Chromium, Total	0.003	mg/L	0.010	0.002		J
1/15/2026	METALS	2601151324A	Calcium, Total	368	mg/L	10	3		
1/15/2026	METALS	2601151324A	Nickel, Total	0.04	mg/L	0.040	0.003		
1/15/2026	METALS	2601151324A	Barium, Total	0.067	mg/L	0.020	0.003		
1/15/2026	METALS	2601151324A	Sodium, Total	152	mg/L	1.0	0.5		
1/15/2026	METALS	2601151324A	Antimony, Total	0.0005	mg/L	0.0010	0.0002		J
1/15/2026	METALS	2601151324A	Aluminum, Total	0.19	mg/L	0.10	0.03		
1/15/2026	METALS	2601151324A	Zinc, Total	0.029	mg/L	0.020	0.003		
1/15/2026	METALS	2601151324A	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
1/15/2026	METALS	2601151324A	Strontium, Total	11.4	mg/L	1.0	0.02		
1/15/2026	METALS	2601151324A	Boron, Total	0.5	mg/L	0.20	0.02		
1/15/2026	ANIONS	2601151325A	Sulfate	950	mg/L	20	4		
1/15/2026	ANIONS	2601151325A	Fluoride, undistilled	0.58	mg/L	0.10	0.010		
1/15/2026	ANIONS	2601151325A	Chloride	663	mg/L	20	5		
1/15/2026	ANIONS	2601151325A	Fluoride, undistilled	0.58	mg/L	0.10	0.010		
1/15/2026	ANIONS	2601151325A	Sulfate	950	mg/L	20	4		
1/15/2026	ANIONS	2601151325A	Alkalinity, Total as CaCO3	216	mg/L	2.0	1.8		
1/15/2026	ANIONS	2601151325A	Sulfate	950	mg/L	20	4		
1/15/2026	ANIONS	2601151325A	Fluoride, undistilled	0.58	mg/L	0.10	0.010		
1/15/2026	ANIONS	2601151325A	Chloride	663	mg/L	20	5		
1/15/2026	ANIONS	2601151325A	Alkalinity, Total as CaCO3	216	mg/L	2.0	1.8		
1/15/2026	ANIONS	2601151325A	Chloride	663	mg/L	20	5		
1/15/2026	ANIONS	2601151325A	Alkalinity, Total as CaCO3	216	mg/L	2.0	1.8		
1/15/2026	SM2540C	2601151326A	Total Dissolved Solids (TDS)	2490	mg/L	30	28		
1/15/2026	SM2540C	2601151326A	Total Dissolved Solids (TDS)	2490	mg/L	30	28		
1/15/2026	SM2540C	2601151326A	Total Dissolved Solids (TDS)	2490	mg/L	30	28		
1/15/2026	6850	2601151327A	Perchlorate	2.1	ug/L	0.20	0.10		T *
1/15/2026	353.2	2601151328A	Nitrate+Nitrite as Nitrogen	7.85	mg/L	0.50	0.02		
1/15/2026	353.2	2601151328A	Nitrate+Nitrite as Nitrogen	7.85	mg/L	0.50	0.02		
1/15/2026	353.2	2601151328A	Nitrate+Nitrite as Nitrogen	7.85	mg/L	0.50	0.02		

Analytical Results for Sampling Events at 600C-005-GW

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/12/2026	8260	2601121320C	Silane, methoxytrimethyl-	0.4	ug/L	NA	NA		J TIC
1/12/2026	NDMA_LL	2601121322C	N-Nitrosodimethylamine	5.69	ng/L	0.47	0.34		*
1/12/2026	NDMA_LL	2601121323C	N-Nitrosodimethylamine	6.99	ng/L	0.47	0.34		*

Analytical Results for Sampling Events at 600-G-138

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/13/2026	8260	2601131305C	1,1,2-Trichloro-1,2,2-Trifluoroethane	21	ug/L	1.0	0.20		
1/13/2026	8260	2601131305C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.42	ug/L	1.0	0.20		J
1/13/2026	8260	2601131305C	Trichlorofluoromethane (CFC 11)	0.3	ug/L	1.0	0.24		J
1/13/2026	8260	2601131305C	Chloroform	0.75	ug/L	1.0	0.51		J
1/13/2026	8260	2601131305C	Trichloroethene (TCE)	35	ug/L	1.0	0.20		
1/13/2026	8260	2601131307C	Chloroform	0.71	ug/L	1.0	0.51		J
1/13/2026	8260	2601131307C	Trichloroethene (TCE)	33	ug/L	1.0	0.20		
1/13/2026	8260	2601131307C	Trichlorofluoromethane (CFC 11)	0.27	ug/L	1.0	0.24		J
1/13/2026	8260	2601131307C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.56	ug/L	1.0	0.20		J
1/13/2026	8260	2601131307C	1,1,2-Trichloro-1,2,2-Trifluoroethane	21	ug/L	1.0	0.20		
1/13/2026	METALS	2601131308C	Aluminum, Total	0.13	mg/L	0.10	0.03		
1/13/2026	METALS	2601131308C	Nickel, Total	0.023	mg/L	0.040	0.003		J
1/13/2026	METALS	2601131308C	Potassium, Total	3.7	mg/L	2.0	0.4		
1/13/2026	METALS	2601131308C	Molybdenum, Total	0.017	mg/L	0.025	0.003		J
1/13/2026	METALS	2601131308C	Selenium, Total	0.01	mg/L	0.010	0.007		J
1/13/2026	METALS	2601131308C	Sodium, Total	128	mg/L	1.0	0.5		
1/13/2026	METALS	2601131308C	Strontium, Total	3.81	mg/L	0.10	0.002		
1/13/2026	METALS	2601131308C	Zinc, Total	0.029	mg/L	0.020	0.003		
1/13/2026	METALS	2601131308C	Calcium, Total	105	mg/L	1.0	0.3		
1/13/2026	METALS	2601131308C	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
1/13/2026	METALS	2601131308C	Magnesium, Total	76.1	mg/L	1.0	0.03		
1/13/2026	METALS	2601131308C	Iron, Total	0.34	mg/L	0.10	0.07		
1/13/2026	METALS	2601131308C	Chromium, Total	0.021	mg/L	0.010	0.002		
1/13/2026	METALS	2601131308C	Copper, Total	0.007	mg/L	0.020	0.004		J
1/13/2026	METALS	2601131308C	Boron, Total	0.78	mg/L	0.20	0.02		
1/13/2026	METALS	2601131308C	Barium, Total	0.039	mg/L	0.020	0.003		
1/13/2026	METALS	2601131308C	Arsenic, Total	0.0012	mg/L	0.0010	0.0004		
1/13/2026	METALS	2601131308C	Antimony, Total	0.001	mg/L	0.0010	0.0002		J
1/13/2026	METALS	2601131308C	Manganese, Total	0.009	mg/L	0.010	0.004		J
1/13/2026	300.0	2601131309C	Chloride	329	mg/L	10	3		
1/13/2026	353.2	2601131310C	Nitrate+Nitrite as Nitrogen	9.53	mg/L	0.50	0.02		

Analytical Results for Sampling Events at 700-B-510

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/5/2025	8260	2512050955C	Sulfur Dioxide	1.3	ug/L	NA	NA		J TIC
12/5/2025	8260	2512050955C	Carbon Dioxide	42	ug/L	NA	NA		J TIC RB FB
12/5/2025	METALS	2512050958C	Nickel, Total	0.021	mg/L	0.040	0.003		J
12/5/2025	METALS	2512050958C	Boron, Total	0.15	mg/L	0.20	0.02		J
12/5/2025	METALS	2512050958C	Zinc, Total	0.004	mg/L	0.020	0.003		J
12/5/2025	METALS	2512050958C	Vanadium, Total	0.007	mg/L	0.050	0.0007		J
12/5/2025	METALS	2512050958C	Strontium, Total	0.89	mg/L	0.10	0.002		
12/5/2025	METALS	2512050958C	Sodium, Total	93	mg/L	1.0	0.5		
12/5/2025	METALS	2512050958C	Potassium, Total	1.5	mg/L	2.0	0.4		J
12/5/2025	METALS	2512050958C	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
12/5/2025	METALS	2512050958C	Calcium, Total	20.4	mg/L	1.0	0.3		
12/5/2025	METALS	2512050958C	Barium, Total	0.021	mg/L	0.020	0.003		
12/5/2025	METALS	2512050958C	Arsenic, Total	0.0019	mg/L	0.0010	0.0004		
12/5/2025	METALS	2512050958C	Antimony, Total	0.0002	mg/L	0.0010	0.0002		J
12/5/2025	METALS	2512050958C	Magnesium, Total	8	mg/L	1.0	0.03		

Analytical Results for Sampling Events at BLM-10-517

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/6/2026	8260_LL	2601061415C	Carbon Disulfide	0.82	ug/L	0.50	0.42		
1/6/2026	607	2601061419C	Bromacil	0.02	µg/L	0.01	0.0052	93	
1/6/2026	NDMA_LL	2601061421C	N-Nitrosodimethylamine	1.74	ng/L	0.48	0.35		
1/6/2026	METALS	2601061425C	Nickel, Total	0.028	mg/L	0.040	0.003		J
1/6/2026	METALS	2601061425C	Strontium, Total	2.25	mg/L	0.10	0.002		
1/6/2026	METALS	2601061425C	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/6/2026	METALS	2601061425C	Sodium, Total	40.9	mg/L	1.0	0.5		
1/6/2026	METALS	2601061425C	Potassium, Total	3.8	mg/L	2.0	0.4		
1/6/2026	METALS	2601061425C	Magnesium, Total	66.2	mg/L	1.0	0.03		
1/6/2026	METALS	2601061425C	Calcium, Total	105	mg/L	1.0	0.3		
1/6/2026	METALS	2601061425C	Boron, Total	0.06	mg/L	0.20	0.02		J
1/6/2026	METALS	2601061425C	Arsenic, Total	0.0004	mg/L	0.0010	0.0004		J
1/6/2026	METALS	2601061425C	Barium, Total	0.019	mg/L	0.020	0.003		J
1/6/2026	METALS	2601061425C	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
1/6/2026	METALS	2601061425C	Zinc, Total	0.013	mg/L	0.020	0.003		J
1/6/2026	ANIONS	2601061427C	Sulfate	315	mg/L	20	4		
1/6/2026	ANIONS	2601061427C	Alkalinity, Total as CaCO3	199	mg/L	2.0	1.8		
1/6/2026	ANIONS	2601061427C	Chloride	44.1	mg/L	2.0	0.5		
1/6/2026	ANIONS	2601061427C	Fluoride, undistilled	0.84	mg/L	0.10	0.010		
1/6/2026	SM2540C	2601061429C	Total Dissolved Solids (TDS)	779	mg/L	10	10		
1/6/2026	6850	2601061431C	Perchlorate	0.39	ug/L	0.20	0.10		T *
1/6/2026	353.2	2601061433C	Nitrate+Nitrite as Nitrogen	0.982	mg/L	0.050	0.002		

Analytical Results for Sampling Events at BLM-15-305

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/6/2026	8260	2601061335A	Carbon Dioxide	95	ug/L	NA	NA		J TIC RB FB
1/6/2026	8260	2601061335A	1,1,2-Trichloro-1,2,2-Trifluoroethane	37	ug/L	1.0	0.20		
1/6/2026	8260	2601061335A	Bromoform	0.6	ug/L	1.0	0.25		J
1/6/2026	8260	2601061335A	Dichlorofluoromethane (CFC 21)	3.4	ug/L	1.0	0.20		
1/6/2026	8260	2601061335A	Tetrachloroethene (PCE)	0.39	ug/L	1.0	0.21		J
1/6/2026	8260	2601061335A	Trichloroethene (TCE)	6.7	ug/L	1.0	0.20		
1/6/2026	8260	2601061335A	Trichlorofluoromethane (CFC 11)	94	ug/L	1.0	0.24		
1/6/2026	8260	2601061335A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	2	ug/L	1.0	0.20		
1/6/2026	607	2601061337A	N-Nitrodimethylamine	4.58	µg/L	0.03	0.015	85	D
1/6/2026	607	2601061337A	N-Nitrosodimethylamine	7.43	µg/L	0.03	0.015	44	D
1/6/2026	607	2601061337A	Bromacil	0.38	µg/L	0.01	0.005	93	
1/6/2026	METALS	2601061338A	Molybdenum, Total	0.012	mg/L	0.025	0.003		J
1/6/2026	METALS	2601061338A	Zinc, Total	0.006	mg/L	0.020	0.003		J
1/6/2026	METALS	2601061338A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
1/6/2026	METALS	2601061338A	Strontium, Total	2.3	mg/L	0.10	0.002		
1/6/2026	METALS	2601061338A	Sodium, Total	85.4	mg/L	1.0	0.5		
1/6/2026	METALS	2601061338A	Nickel, Total	0.023	mg/L	0.040	0.003		J
1/6/2026	METALS	2601061338A	Manganese, Total	0.121	mg/L	0.010	0.004		
1/6/2026	METALS	2601061338A	Magnesium, Total	61.8	mg/L	1.0	0.03		
1/6/2026	METALS	2601061338A	Chromium, Total	0.002	mg/L	0.010	0.002		J
1/6/2026	METALS	2601061338A	Calcium, Total	101	mg/L	1.0	0.3		
1/6/2026	METALS	2601061338A	Boron, Total	0.23	mg/L	0.20	0.02		
1/6/2026	METALS	2601061338A	Barium, Total	0.042	mg/L	0.020	0.003		
1/6/2026	METALS	2601061338A	Arsenic, Total	0.0005	mg/L	0.0010	0.0004		J
1/6/2026	METALS	2601061338A	Antimony, Total	0.0013	mg/L	0.0010	0.0002		
1/6/2026	METALS	2601061338A	Potassium, Total	3.3	mg/L	2.0	0.4		
1/6/2026	353.2	2601061339A	Nitrate+Nitrite as Nitrogen	5.82	mg/L	0.50	0.02		

Analytical Results for Sampling Events at BLM-17-550

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/6/2026	8260	2601060946A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.83	ug/L	1.0	0.20		J
1/6/2026	8260	2601060946A	1,1,2-Trichloro-1,2,2-Trifluoroethane	200	ug/L	2.5	0.50		
1/6/2026	8260	2601060946A	Carbon Dioxide	470	ug/L	NA	NA		D J TIC RB F
1/6/2026	8260	2601060946A	Carbon Dioxide	100	ug/L	NA	NA		J TIC RB
1/6/2026	8260	2601060946A	Trichloroethene (TCE)	83	ug/L	1.0	0.20		
1/6/2026	8260	2601060946A	Dichlorofluoromethane (CFC 21)	0.47	ug/L	1.0	0.20		J
1/6/2026	8260	2601060946A	Tetrachloroethene (PCE)	3.1	ug/L	1.0	0.21		
1/6/2026	8260	2601060946A	Trichlorofluoromethane (CFC 11)	97	ug/L	1.0	0.24		
1/6/2026	607	2601060948A	N-Nitrosodimethylamine	0.32	µg/L	0.01	0.005	44	
1/6/2026	607	2601060948A	N-Nitrodimethylamine	0.37	µg/L	0.01	0.005	85	
1/6/2026	607	2601060948A	Bromacil	0.1	µg/L	0.01	0.005	93	
1/6/2026	607	2601060949A	N-Nitrosodimethylamine	0.33	µg/L	0.01	0.005	44	
1/6/2026	607	2601060949A	N-Nitrodimethylamine	0.37	µg/L	0.01	0.005	85	
1/6/2026	607	2601060949A	Bromacil	0.09	µg/L	0.01	0.005	93	
1/6/2026	METALS	2601060950A	Potassium, Total	5.6	mg/L	2.0	0.4		
1/6/2026	METALS	2601060950A	Zinc, Total	0.004	mg/L	0.020	0.003		J
1/6/2026	METALS	2601060950A	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
1/6/2026	METALS	2601060950A	Strontium, Total	3.18	mg/L	0.10	0.002		
1/6/2026	METALS	2601060950A	Sodium, Total	56.4	mg/L	1.0	0.5		
1/6/2026	METALS	2601060950A	Nickel, Total	0.03	mg/L	0.040	0.003		J
1/6/2026	METALS	2601060950A	Silver, Total	0.0006	mg/L	0.010	0.0006		J
1/6/2026	METALS	2601060950A	Magnesium, Total	62.9	mg/L	1.0	0.03		
1/6/2026	METALS	2601060950A	Chromium, Total	0.008	mg/L	0.010	0.002		J
1/6/2026	METALS	2601060950A	Calcium, Total	128	mg/L	1.0	0.3		
1/6/2026	METALS	2601060950A	Boron, Total	0.08	mg/L	0.20	0.02		J
1/6/2026	METALS	2601060950A	Barium, Total	0.034	mg/L	0.020	0.003		
1/6/2026	METALS	2601060950A	Arsenic, Total	0.0005	mg/L	0.0010	0.0004		J
1/6/2026	METALS	2601060950A	Molybdenum, Total	0.007	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at BLM-18-430

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/8/2026	8260	2601081341C	Tetrachloroethene (PCE)	0.33	ug/L	1.0	0.21		J
1/8/2026	8260	2601081341C	Trichloroethene (TCE)	15	ug/L	1.0	0.20		
1/8/2026	8260	2601081341C	1,1,2-Trichloro-1,2,2-Trifluoroethane	14	ug/L	1.0	0.20		Q
1/8/2026	8260	2601081341C	Trichlorofluoromethane (CFC 11)	21	ug/L	1.0	0.24		Q
1/8/2026	607	2601081343C	N-Nitrosodimethylamine	0.009	µg/L	0.01	0.005	45	J
1/8/2026	607	2601081343C	N-Nitrodimethylamine	0.005	µg/L	0.01	0.005	86	J
1/8/2026	METALS	2601081344C	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
1/8/2026	METALS	2601081344C	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/8/2026	METALS	2601081344C	Strontium, Total	2.39	mg/L	0.10	0.002		
1/8/2026	METALS	2601081344C	Sodium, Total	52.5	mg/L	1.0	0.5		
1/8/2026	METALS	2601081344C	Zinc, Total	0.009	mg/L	0.020	0.003		J
1/8/2026	METALS	2601081344C	Nickel, Total	0.04	mg/L	0.040	0.003		J
1/8/2026	METALS	2601081344C	Calcium, Total	92.8	mg/L	1.0	0.3		
1/8/2026	METALS	2601081344C	Boron, Total	0.14	mg/L	0.20	0.02		J
1/8/2026	METALS	2601081344C	Barium, Total	0.025	mg/L	0.020	0.003		
1/8/2026	METALS	2601081344C	Arsenic, Total	0.0016	mg/L	0.0010	0.0004		
1/8/2026	METALS	2601081344C	Magnesium, Total	54.6	mg/L	1.0	0.03		
1/8/2026	METALS	2601081344C	Potassium, Total	6.6	mg/L	2.0	0.4		

Analytical Results for Sampling Events at BLM-24-565

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/5/2025	8260_LL	2511051321A	1,2-Dichloroethane	2.5	ug/L	0.50	0.20		
11/5/2025	8260_LL	2511051321A	Carbon Dioxide	38	ug/L	NA	NA		J TIC FB
11/5/2025	8260_LL	2511051321A	1-Propene, 2-methyl-	1	ug/L	NA	NA		J TIC
11/5/2025	NDMA_LL	2511051325A	N-Nitrosodimethylamine	1.03	ng/L	0.47	0.34		RB FB

Analytical Results for Sampling Events at BLM-2-630

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/6/2025	8260	2511061000A	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.24	ug/L	1.0	0.20		J
11/6/2025	8260	2511061000A	Benzene, 1-bromo-3-fluoro-	24	ug/L	NA	NA		J TIC RB FB
11/6/2025	8260	2511061000A	Silane, methoxytrimethyl-	0.64	ug/L	NA	NA		J TIC
11/6/2025	METALS	2511061006A	Chromium, Total	0.04	mg/L	0.010	0.002		
11/6/2025	METALS	2511061006A	Strontium, Total	2.45	mg/L	0.10	0.002		
11/6/2025	METALS	2511061006A	Sodium, Total	56.3	mg/L	1.0	0.5		
11/6/2025	METALS	2511061006A	Silver, Total	0.0007	mg/L	0.010	0.0006		J
11/6/2025	METALS	2511061006A	Potassium, Total	7.5	mg/L	2.0	0.4		
11/6/2025	METALS	2511061006A	Vanadium, Total	0.009	mg/L	0.050	0.0007		J
11/6/2025	METALS	2511061006A	Nickel, Total	0.039	mg/L	0.040	0.003		J
11/6/2025	METALS	2511061006A	Iron, Total	0.11	mg/L	0.10	0.07		
11/6/2025	METALS	2511061006A	Calcium, Total	77.4	mg/L	1.0	0.3		
11/6/2025	METALS	2511061006A	Boron, Total	0.1	mg/L	0.20	0.02		J
11/6/2025	METALS	2511061006A	Barium, Total	0.029	mg/L	0.020	0.003		
11/6/2025	METALS	2511061006A	Arsenic, Total	0.0008	mg/L	0.0010	0.0004		J
11/6/2025	METALS	2511061006A	Molybdenum, Total	0.017	mg/L	0.025	0.003		J
11/6/2025	METALS	2511061006A	Magnesium, Total	48.5	mg/L	1.0	0.03		
11/6/2025	ANIONS	2511061007A	Alkalinity, Total as CaCO3	170	mg/L	2.0	1.8		
11/6/2025	ANIONS	2511061007A	Sulfate	297	mg/L	20	4		
11/6/2025	ANIONS	2511061007A	Chloride	43.3	mg/L	2.0	0.5		
11/6/2025	ANIONS	2511061007A	Fluoride, undistilled	0.6	mg/L	0.10	0.010		
11/6/2025	SM2540C	2511061008A	Total Dissolved Solids (TDS)	691	mg/L	10	9		
11/6/2025	6850	2511061009A	Perchlorate	0.47	ug/L	0.20	0.10		
11/6/2025	353.2	2511061010A	Nitrate+Nitrite as Nitrogen	0.914	mg/L	0.050	0.002		

Analytical Results for Sampling Events at BLM-26-404

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/3/2025	8260	2511031351A	Tetrachloroethene (PCE)	0.59	ug/L	1.0	0.21		J
11/3/2025	8260	2511031351A	1,1,2-Trichloro-1,2,2-Trifluoroethane	59	ug/L	1.0	0.20		
11/3/2025	8260	2511031351A	Trichloroethene (TCE)	23	ug/L	1.0	0.20		
11/3/2025	8260	2511031351A	Trichlorofluoromethane (CFC 11)	72	ug/L	1.0	0.24		
11/3/2025	8260	2511031351A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.34	ug/L	1.0	0.20		J
11/3/2025	8260	2511031351A	Carbon Dioxide	61	ug/L	NA	NA		J TIC RB FB
11/3/2025	8260	2511031351A	Sulfur Dioxide	1.6	ug/L	NA	NA		J TIC FB
11/3/2025	8260	2511031351A	Dichlorofluoromethane (CFC 21)	0.34	ug/L	1.0	0.20		J
11/3/2025	607	2511031353A	Bromacil	0.005	µg/L	0.01	0.005	185	J
11/3/2025	607	2511031353A	N-Nitrosodimethylamine	0.16	µg/L	0.01	0.005	95	
11/3/2025	607	2511031353A	N-Nitrodimethylamine	0.07	µg/L	0.01	0.005	131	

Analytical Results for Sampling Events at BLM-27-270

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/10/2025	8260	2512101430A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	5.8	ug/L	1.0	0.20		
12/10/2025	8260	2512101430A	Trichlorofluoromethane (CFC 11)	510	ug/L	5.0	1.2		D
12/10/2025	8260	2512101430A	Trichloroethene (TCE)	1	ug/L	1.0	0.20		
12/10/2025	8260	2512101430A	1,1-Dichloroethene	0.36	ug/L	1.0	0.20		J
12/10/2025	8260	2512101430A	Dichlorofluoromethane (CFC 21)	6.4	ug/L	5.0	1.0		D
12/10/2025	8260	2512101430A	1,1,2-Trichloro-1,2,2-Trifluoroethane	220	ug/L	5.0	1.0		D
12/10/2025	8260	2512101431A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	5.9	ug/L	1.0	0.20		
12/10/2025	8260	2512101431A	Dichlorofluoromethane (CFC 21)	6.6	ug/L	1.0	0.20		
12/10/2025	8260	2512101431A	1,1,2-Trichloro-1,2,2-Trifluoroethane	230	ug/L	5.0	1.0		D
12/10/2025	8260	2512101431A	Trichlorofluoromethane (CFC 11)	550	ug/L	5.0	1.2		D
12/10/2025	8260	2512101431A	Trichloroethene (TCE)	1	ug/L	1.0	0.20		
12/10/2025	607	2512101433A	N-Nitrosodimethylamine	2.12	µg/L	0.01	0.005	26	
12/10/2025	607	2512101433A	N-Nitrodimethylamine	1.4	µg/L	0.01	0.005	46	
12/10/2025	607	2512101433A	Bromacil	0.05	µg/L	0.01	0.005	63	
12/10/2025	607	2512101434A	N-Nitrodimethylamine	1.09	µg/L	0.01	0.005	46	
12/10/2025	607	2512101434A	N-Nitrosodimethylamine	1.68	µg/L	0.01	0.005	26	
12/10/2025	607	2512101434A	Bromacil	0.03	µg/L	0.01	0.005	63	
12/10/2025	METALS	2512101435A	Calcium, Total	48.4	mg/L	1.0	0.3		
12/10/2025	METALS	2512101435A	Strontium, Total	1.79	mg/L	0.10	0.002		
12/10/2025	METALS	2512101435A	Boron, Total	0.08	mg/L	0.20	0.02		J
12/10/2025	METALS	2512101435A	Barium, Total	0.046	mg/L	0.020	0.003		
12/10/2025	METALS	2512101435A	Arsenic, Total	0.001	mg/L	0.0010	0.0004		J
12/10/2025	METALS	2512101435A	Zinc, Total	0.021	mg/L	0.020	0.003		
12/10/2025	METALS	2512101435A	Vanadium, Total	0.005	mg/L	0.050	0.0007		J
12/10/2025	METALS	2512101435A	Potassium, Total	3.2	mg/L	2.0	0.4		
12/10/2025	METALS	2512101435A	Nickel, Total	0.027	mg/L	0.040	0.003		J
12/10/2025	METALS	2512101435A	Molybdenum, Total	0.004	mg/L	0.025	0.003		J
12/10/2025	METALS	2512101435A	Chromium, Total	0.005	mg/L	0.010	0.002		J
12/10/2025	METALS	2512101435A	Sodium, Total	116	mg/L	3.0	1.5		
12/10/2025	METALS	2512101435A	Magnesium, Total	20.2	mg/L	1.0	0.03		
12/10/2025	METALS	2512101436A	Calcium, Total	48.7	mg/L	1.0	0.3		
12/10/2025	METALS	2512101436A	Zinc, Total	0.021	mg/L	0.020	0.003		
12/10/2025	METALS	2512101436A	Vanadium, Total	0.005	mg/L	0.050	0.0007		J
12/10/2025	METALS	2512101436A	Strontium, Total	1.81	mg/L	0.10	0.002		
12/10/2025	METALS	2512101436A	Sodium, Total	121	mg/L	3.0	1.5		
12/10/2025	METALS	2512101436A	Potassium, Total	3.2	mg/L	2.0	0.4		
12/10/2025	METALS	2512101436A	Nickel, Total	0.024	mg/L	0.040	0.003		J
12/10/2025	METALS	2512101436A	Molybdenum, Total	0.004	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at BLM-27-270

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/10/2025	METALS	2512101436A	Chromium, Total	0.005	mg/L	0.010	0.002		J
12/10/2025	METALS	2512101436A	Boron, Total	0.08	mg/L	0.20	0.02		J
12/10/2025	METALS	2512101436A	Barium, Total	0.047	mg/L	0.020	0.003		
12/10/2025	METALS	2512101436A	Arsenic, Total	0.001	mg/L	0.0010	0.0004		J
12/10/2025	METALS	2512101436A	Magnesium, Total	20.2	mg/L	1.0	0.03		

Analytical Results for Sampling Events at BLM-3-182

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/10/2025	8260	2511101401C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.57	ug/L	1.0	0.20		J
11/10/2025	8260	2511101401C	1,1-Dichloroethene	0.4	ug/L	1.0	0.20		J
11/10/2025	8260	2511101401C	1,1,2-Trichloro-1,2,2-Trifluoroethane	220	ug/L	1.0	0.20		G A
11/10/2025	8260	2511101401C	Trichlorofluoromethane (CFC 11)	0.58	ug/L	1.0	0.24		J A
11/10/2025	8260	2511101401C	Trichloroethene (TCE)	12	ug/L	1.0	0.20		
11/10/2025	607	2511101403C	Bromacil	1.1	µg/L	0.01	0.0051	110	
11/10/2025	8270	2511101407C	Toluene	5.3	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511101407C	Cyclopentasiloxane, decamethyl-	1.1	ug/L	NA	NA		J TIC
11/10/2025	8270	2511101407C	Cyclotetrasiloxane, octamethyl-	6.3	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511101407C	Cyclotrisiloxane, hexamethyl-	15	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511101407C	Trichloroethene (TCE)	1.2	ug/L	NA	NA		J TIC
11/10/2025	8270	2511101407C	Butane, 2-methoxy-2-methyl-	1400	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511101407C	Cyclohexane	31	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511101407C	2-Butanone, 3-methyl-	4.8	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511101407C	Amylene Hydrate	20	ug/L	NA	NA		J TIC RB
11/10/2025	8270	2511101407C	2-Pentanone, 4-hydroxy-4-methyl-	3.2	ug/L	NA	NA		J TIC RB
11/10/2025	METALS	2511101410C	Strontium, Total	17.1	mg/L	1.0	0.02		i D
11/10/2025	METALS	2511101410C	Nickel, Total	0.242	mg/L	0.040	0.003		
11/10/2025	METALS	2511101410C	Vanadium, Total	0.0008	mg/L	0.050	0.0007		J
11/10/2025	METALS	2511101410C	Sodium, Total	223	mg/L	1.0	0.5		
11/10/2025	METALS	2511101410C	Selenium, Total	0.049	mg/L	0.010	0.007		
11/10/2025	METALS	2511101410C	Potassium, Total	6.8	mg/L	2.0	0.4		
11/10/2025	METALS	2511101410C	Zinc, Total	0.003	mg/L	0.020	0.003		J
11/10/2025	METALS	2511101410C	Magnesium, Total	285	mg/L	1.0	0.03		
11/10/2025	METALS	2511101410C	Iron, Total	0.12	mg/L	0.10	0.07		
11/10/2025	METALS	2511101410C	Chromium, Total	0.017	mg/L	0.010	0.002		
11/10/2025	METALS	2511101410C	Calcium, Total	516	mg/L	10	3		i D
11/10/2025	METALS	2511101410C	Boron, Total	0.19	mg/L	0.20	0.02		J
11/10/2025	METALS	2511101410C	Barium, Total	0.026	mg/L	0.020	0.003		
11/10/2025	METALS	2511101410C	Molybdenum, Total	0.015	mg/L	0.025	0.003		J
11/10/2025	353.2	2511101411C	Nitrate+Nitrite as Nitrogen	7.16	mg/L	0.50	0.02		i D

Analytical Results for Sampling Events at BLM-32-543

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/3/2025	8260	2511031215B	Sulfur Dioxide	1.2	ug/L	NA	NA		J TIC FB
11/3/2025	8260	2511031215B	Carbon Dioxide	63	ug/L	NA	NA		J TIC RB TB
11/3/2025	NDMA_LL	2511031217B	N-Nitrosodimethylamine	0.93	ng/L	0.48	0.35		

Analytical Results for Sampling Events at BLM-32-571

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/3/2025	8260	2511031235B	Carbon Dioxide	65	ug/L	NA	NA		J TIC RB FB
11/3/2025	8260	2511031235B	Sulfur Dioxide	1.5	ug/L	NA	NA		J TIC FB
11/3/2025	NDMA_LL	2511031237B	N-Nitrosodimethylamine	0.85	ng/L	0.48	0.35		
11/3/2025	NDMA_LL	2511031240B	N-Nitrosodimethylamine	5.05	ng/L	0.5	0.36		
11/3/2025	NDMA_LL	2511031240B	N-Nitrodimethylamine	4.54	ng/L	0.5	0.35		

Analytical Results for Sampling Events at BLM-32-632

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/3/2025	8260	2511031255B	Sulfur Dioxide	1.4	ug/L	NA	NA		J TIC FB
11/3/2025	8260	2511031255B	1,4-Dioxane, 2,5-dimethyl-	0.79	ug/L	NA	NA		J TIC
11/3/2025	8260	2511031255B	Carbon Dioxide	58	ug/L	NA	NA		J TIC RB FB

Analytical Results for Sampling Events at BLM-36-350

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/4/2025	8260	2511041430Y	Trichloroethene (TCE)	38	ug/L	1.0	0.20		
11/4/2025	8260	2511041430Y	Sulfur Dioxide	1.3	ug/L	NA	NA		J TIC
11/4/2025	8260	2511041430Y	Carbon Dioxide	66	ug/L	NA	NA		J TIC RB EB
11/4/2025	8260	2511041430Y	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.8	ug/L	1.0	0.20		
11/4/2025	8260	2511041430Y	Trichlorofluoromethane (CFC 11)	16	ug/L	1.0	0.24		
11/4/2025	8260	2511041430Y	Tetrachloroethene (PCE)	1.6	ug/L	1.0	0.21		
11/4/2025	8260	2511041430Y	Dichlorofluoromethane (CFC 21)	3.9	ug/L	1.0	0.20		
11/4/2025	8260	2511041430Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	38	ug/L	1.0	0.20		
11/4/2025	8260	2511041430Y	cis-1,2-Dichloroethene	0.29	ug/L	1.0	0.23		J
11/4/2025	8260	2511041431Y	cis-1,2-Dichloroethene	0.25	ug/L	1.0	0.23		J
11/4/2025	8260	2511041431Y	Trichloroethene (TCE)	48	ug/L	1.0	0.20		
11/4/2025	8260	2511041431Y	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	2.8	ug/L	1.0	0.20		
11/4/2025	8260	2511041431Y	Trichlorofluoromethane (CFC 11)	21	ug/L	1.0	0.24		
11/4/2025	8260	2511041431Y	Dichlorofluoromethane (CFC 21)	4.7	ug/L	1.0	0.20		
11/4/2025	8260	2511041431Y	Tetrachloroethene (PCE)	1.9	ug/L	1.0	0.21		
11/4/2025	8260	2511041431Y	1,1-Dichloroethene	0.21	ug/L	1.0	0.20		J
11/4/2025	8260	2511041431Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	46	ug/L	1.0	0.20		
11/4/2025	8260	2511041431Y	Carbon Dioxide	63	ug/L	NA	NA		J TIC RB EB
11/4/2025	607	2511041432Y	N-Nitrosodimethylamine	0.54	µg/L	0.01	0.005	95	
11/4/2025	607	2511041432Y	N-Nitrodimethylamine	0.47	µg/L	0.01	0.005	131	
11/4/2025	607	2511041432Y	Bromacil	0.34	µg/L	0.01	0.005	185	

Analytical Results for Sampling Events at BLM-36-610

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/3/2025	8260	2511031020Y	Carbon Dioxide	64	ug/L	NA	NA		J TIC RB
11/3/2025	607	2511031021Y	Bromacil	0.005	µg/L	0.01	0.0052	185	J

Analytical Results for Sampling Events at BLM-36-800

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/4/2025	8260	2511041045Y	Carbon Dioxide	65	ug/L	NA	NA		J TIC RB EB
11/4/2025	8260	2511041045Y	Sulfur Dioxide	1.3	ug/L	NA	NA		J TIC EB

Analytical Results for Sampling Events at BLM-36-860

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/3/2025	8260	2511031402Y	Carbon Dioxide	66	ug/L	NA	NA		J TIC RB EB

Analytical Results for Sampling Events at BLM-38-480

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/5/2025	8260	2511051450Y	Carbon Dioxide	56	ug/L	NA	NA		J TIC
11/5/2025	NDMA_LL	2511051451Y	N-Nitrosodimethylamine	0.36	ng/L	0.48	0.35		J RB

Analytical Results for Sampling Events at BLM-38-620

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/5/2025	8260	2511051005Y	Carbon Dioxide	56	ug/L	NA	NA		J TIC EB
11/5/2025	NDMA_LL	2511051006Y	N-Nitrosodimethylamine	1.37	ng/L	0.47	0.34		RB EB

Analytical Results for Sampling Events at BLM-42-569

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/9/2025	8260_LL	2512090915B	Carbon Dioxide	55	ug/L	NA	NA		J TIC RB TB
12/9/2025	NDMA_LL	2512090917B	N-Nitrosodimethylamine	0.35	ng/L	0.47	0.34		J RB TB

Analytical Results for Sampling Events at BLM-42-709

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/9/2025	8260_LL	2512091420B	Sulfur Dioxide	2	ug/L	NA	NA		J TIC
12/9/2025	8260_LL	2512091420B	Acetic Acid	0.71	ug/L	NA	NA		J TIC FB
12/9/2025	NDMA_LL	2512091423B	N-Nitrosodimethylamine	0.37	ng/L	0.49	0.35		J RB

Analytical Results for Sampling Events at BLM-6-488

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/5/2026	8260	2601051120A	1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2	ug/L	1.0	0.20		
1/5/2026	8260	2601051120A	Trichloroethene (TCE)	1.4	ug/L	1.0	0.20		
1/5/2026	8260	2601051120A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.26	ug/L	1.0	0.20		J
1/5/2026	8260	2601051120A	Carbon Dioxide	93	ug/L	NA	NA		J TIC RB FB
1/5/2026	8015	2601051122A	Gasoline Range Organics as C6-C10 Commercial Fuel	32	ug/L	100	29		J RB T
1/5/2026	607	2601051123A	Bromacil	0.55	µg/L	0.01	0.005	93	
1/5/2026	NDMA_LL	2601051125A	N-Nitrosodimethylamine	1.51	ng/L	0.47	0.34		
1/5/2026	8270	2601051127A	Benzo(a)pyrene	7.5	ug/L	0.20	0.075		RB
1/5/2026	8270	2601051127A	Indeno(1,2,3-cd)pyrene	5.2	ug/L	0.20	0.072		RB
1/5/2026	8270	2601051127A	Hexachlorobenzene	6.9	ug/L	0.20	0.14		RB
1/5/2026	8270	2601051127A	Dibenz(a,h)anthracene	4.9	ug/L	0.20	0.092		RB
1/5/2026	8270	2601051127A	Chrysene	7.1	ug/L	0.20	0.082		RB
1/5/2026	8270	2601051127A	Cyclohexane	30	ug/L	NA	NA		J TIC RB
1/5/2026	8270	2601051127A	Benzo(b)fluoranthene	5.9	ug/L	0.20	0.070		RB
1/5/2026	8270	2601051127A	Benz(a)anthracene	7.4	ug/L	0.20	0.072		RB
1/5/2026	8270	2601051127A	Acenaphthylene	7.6	ug/L	0.20	0.095		RB
1/5/2026	8270	2601051127A	Butane, 2-methoxy-2-methyl-	570	ug/L	NA	NA		J TIC RB
1/5/2026	8270	2601051127A	Benzenesulfonamide, N-butyl-	0.26	ug/L	NA	NA		J TIC
1/5/2026	8270	2601051127A	1H-Benzotriazole, 5-methyl-	2.2	ug/L	NA	NA		J TIC
1/5/2026	8270	2601051127A	Cyclopentasiloxane, decamethyl-	0.34	ug/L	NA	NA		J TIC
1/5/2026	8270	2601051127A	2-Pentanone, 4-hydroxy-4-methyl-	4.3	ug/L	NA	NA		J TIC RB
1/5/2026	8270	2601051127A	Toluene	5.5	ug/L	NA	NA		J TIC RB
1/5/2026	8270	2601051127A	2-[2-[2-(2-Butoxyethoxy)ethoxy]ethoxy]ethanol	0.58	ug/L	NA	NA		J TIC
1/5/2026	8270	2601051127A	Stearic Acid (Octadecanoic Acid)	0.65	ug/L	NA	NA		J TIC
1/5/2026	8270	2601051127A	n-Hexadecanoic acid	0.94	ug/L	NA	NA		J TIC RB
1/5/2026	8270	2601051127A	Benzo(k)fluoranthene	6.1	ug/L	0.20	0.071		RB
1/5/2026	METALS	2601051129A	Zinc, Total	0.01	mg/L	0.020	0.003		J
1/5/2026	METALS	2601051129A	Nickel, Total	0.399	mg/L	0.040	0.003		
1/5/2026	METALS	2601051129A	Potassium, Total	5.2	mg/L	2.0	0.4		
1/5/2026	METALS	2601051129A	Selenium, Total	0.009	mg/L	0.010	0.007		J
1/5/2026	METALS	2601051129A	Sodium, Total	83.7	mg/L	1.0	0.5		
1/5/2026	METALS	2601051129A	Strontium, Total	5.94	mg/L	0.10	0.002		
1/5/2026	METALS	2601051129A	Thallium, Total	0.00006	mg/L	0.0010	0.00004		J
1/5/2026	METALS	2601051129A	Antimony, Total	0.0003	mg/L	0.0010	0.0002		J
1/5/2026	METALS	2601051129A	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
1/5/2026	METALS	2601051129A	Barium, Total	0.038	mg/L	0.020	0.003		
1/5/2026	METALS	2601051129A	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J

Analytical Results for Sampling Events at BLM-6-488

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/5/2026	METALS	2601051129A	Boron, Total	0.12	mg/L	0.20	0.02		J
1/5/2026	METALS	2601051129A	Calcium, Total	149	mg/L	1.0	0.3		
1/5/2026	METALS	2601051129A	Chromium, Total	0.019	mg/L	0.010	0.002		
1/5/2026	METALS	2601051129A	Iron, Total	0.13	mg/L	0.10	0.07		
1/5/2026	METALS	2601051129A	Magnesium, Total	74.7	mg/L	1.0	0.03		
1/5/2026	METALS	2601051129A	Manganese, Total	0.006	mg/L	0.010	0.004		J
1/5/2026	METALS	2601051129A	Molybdenum, Total	0.017	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at BLM-7-509

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/10/2025	NDMA_LL	2512100936C	N-Nitrosodimethylamine	0.38	ng/L	0.48	0.35		J

Analytical Results for Sampling Events at BLM-8-418

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/6/2025	8260_LL	2511061410A	Trichloroethene (TCE)	0.22	ug/L	0.50	0.20		J
11/6/2025	8260_LL	2511061410A	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.48	ug/L	0.50	0.20		J
11/6/2025	8260_LL	2511061410A	Carbon Dioxide	56	ug/L	NA	NA		J TIC RB FB
11/6/2025	8260_LL	2511061410A	Trichlorofluoromethane (CFC 11)	0.32	ug/L	0.50	0.24		J
11/6/2025	NDMA_LL	2511061412A	N-Nitrosodimethylamine	0.48	ng/L	0.47	0.34		RB

Analytical Results for Sampling Events at BW-5-295

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/12/2025	8260	2511121341C	Trichloroethene (TCE)	0.49	ug/L	1.0	0.20		J
11/12/2025	8260	2511121341C	Dichlorofluoromethane (CFC 21)	0.36	ug/L	1.0	0.20		J
11/12/2025	8260	2511121341C	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.9	ug/L	1.0	0.20		
11/12/2025	8260	2511121341C	Trichlorofluoromethane (CFC 11)	82	ug/L	1.0	0.24		
11/12/2025	8260	2511121341C	Carbon Dioxide	51	ug/L	NA	NA		J TIC RB
11/12/2025	607	2511121343C	Bromacil	0.02	µg/L	0.01	0.005	108	
11/12/2025	607	2511121343C	N-Nitrodimethylamine	2.49	µg/L	0.01	0.005	82	
11/12/2025	607	2511121343C	N-Nitrosodimethylamine	0.54	µg/L	0.01	0.005	51	
11/12/2025	607	2511121344C	Bromacil	0.02	µg/L	0.01	0.005	108	
11/12/2025	607	2511121344C	N-Nitrodimethylamine	2.04	µg/L	0.01	0.005	82	
11/12/2025	607	2511121344C	N-Nitrosodimethylamine	0.4	µg/L	0.01	0.005	51	

Analytical Results for Sampling Events at BW-7-211

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/10/2025	8260	2512100940A	Dichlorofluoromethane (CFC 21)	0.41	ug/L	1.0	0.20		J
12/10/2025	8260	2512100940A	Trichloroethene (TCE)	1.5	ug/L	1.0	0.20		
12/10/2025	8260	2512100940A	1,1,2-Trichloro-1,2,2-Trifluoroethane	9	ug/L	1.0	0.20		
12/10/2025	8260	2512100940A	Trichlorofluoromethane (CFC 11)	150	ug/L	1.0	0.24		
12/10/2025	607	2512100942A	N-Nitrodimethylamine	5.43	µg/L	0.081	0.04	46	D
12/10/2025	607	2512100942A	Bromacil	1.77	µg/L	0.01	0.0051	63	
12/10/2025	607	2512100942A	N-Nitrosodimethylamine	0.98	µg/L	0.01	0.0051	26	

Analytical Results for Sampling Events at JER-1-483

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/7/2026	8260_LL	2601071201B	Toluene	1.9	ug/L	0.50	0.20		
1/7/2026	8260_LL	2601071201B	1,4-Dioxane, 2,5-dimethyl-	2.1	ug/L	NA	NA		J TIC
1/7/2026	8260_LL	2601071201B	1,4-Dioxane	20	ug/L	40	6.4		J
1/7/2026	8260_LL	2601071201B	Sulfur Dioxide	2.3	ug/L	NA	NA		J TIC TB
1/7/2026	NDMA_LL	2601071203B	N-Nitrosodimethylamine	1.48	ng/L	0.48	0.35		A K RB TB FB
1/7/2026	NDMA_LL	2601071204B	N-Nitrosodimethylamine	1.43	ng/L	0.47	0.34		A K RB TB FB
1/7/2026	8270	2601071206B	1,4-Dioxane	0.75	ug/L	0.040	0.035		

Analytical Results for Sampling Events at JER-1-563

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/7/2026	8260_LL	2601071221B	Toluene	0.93	ug/L	0.50	0.20		
1/7/2026	8260_LL	2601071221B	1,4-Dioxane, 2,5-dimethyl-	2.2	ug/L	NA	NA		J TIC
1/7/2026	8260_LL	2601071221B	1,4-Dioxane	18	ug/L	40	6.4		J
1/7/2026	NDMA_LL	2601071223B	N-Nitrodimethylamine	0.9	ng/L	0.48	0.34		
1/7/2026	NDMA_LL	2601071223B	N-Nitrosodimethylamine	2.43	ng/L	0.48	0.35		A RB FB
1/7/2026	8270	2601071225B	1,4-Dioxane	1	ug/L	0.040	0.035		

Analytical Results for Sampling Events at JER-1-683

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/7/2026	8260_LL	2601071246B	Toluene	0.22	ug/L	0.50	0.20		J
1/7/2026	8260_LL	2601071246B	1,4-Dioxane, 2,5-dimethyl-	0.9	ug/L	NA	NA		J TIC
1/7/2026	8260_LL	2601071246B	1,4-Dioxane	13	ug/L	40	6.4		J
1/7/2026	NDMA_LL	2601071248B	N-Nitrosodimethylamine	1.75	ng/L	0.47	0.34		A RB FB
1/7/2026	8270	2601071250B	1,4-Dioxane	7.5	ug/L	0.040	0.035		

Analytical Results for Sampling Events at JER-2-504

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/14/2026	NDMA_LL	2601141147B	N-Nitrosodimethylamine	0.37	ng/L	0.5	0.37		J
1/14/2026	8270	2601141149B	1,4-Dioxane	4.3	ug/L	0.040	0.035		

Analytical Results for Sampling Events at JER-2-584

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/14/2026	NDMA_LL	2601141207B	N-Nitrosodimethylamine	0.74	ng/L	0.49	0.35		
1/14/2026	8270	2601141209B	1,4-Dioxane	0.32	ug/L	0.040	0.035		

Analytical Results for Sampling Events at JER-2-684

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/14/2026	8260_LL	2601141225B	Toluene	0.68	ug/L	0.50	0.20		
1/14/2026	NDMA_LL	2601141227B	N-Nitrosodimethylamine	3.04	ng/L	0.47	0.34		
1/14/2026	8270	2601141229B	1,4-Dioxane	0.4	ug/L	0.040	0.035		

Analytical Results for Sampling Events at JP-1-424

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/14/2026	NDMA_LL	2601141008C	N-Nitrosodimethylamine	1.08	ng/L	0.48	0.35		

Analytical Results for Sampling Events at JP-2-447

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/14/2026	8260_LL	2601141207C	Cyclohexane	2.1	ug/L	1.0	0.30		
1/14/2026	8260_LL	2601141207C	2-Methylpropane	3.2	ug/L	NA	NA		J TIC
1/14/2026	NDMA_LL	2601141208C	N-Nitrosodimethylamine	1	ng/L	0.48	0.35		

Analytical Results for Sampling Events at JP-3-509

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/5/2026	8260_LL	2601051415C	1-Butyne, 3,3-dimethyl-	0.59	ug/L	NA	NA		J TIC
1/5/2026	8260_LL	2601051415C	Sulfur Dioxide	1	ug/L	NA	NA		J TIC RB FB
1/5/2026	METALS	2601051430C	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
1/5/2026	METALS	2601051430C	Boron, Total	0.07	mg/L	0.20	0.02		J
1/5/2026	METALS	2601051430C	Barium, Total	0.022	mg/L	0.020	0.003		
1/5/2026	METALS	2601051430C	Zinc, Total	0.004	mg/L	0.020	0.003		J
1/5/2026	METALS	2601051430C	Magnesium, Total	69.9	mg/L	1.0	0.03		
1/5/2026	METALS	2601051430C	Sodium, Total	41.1	mg/L	1.0	0.5		
1/5/2026	METALS	2601051430C	Nickel, Total	0.025	mg/L	0.040	0.003		J
1/5/2026	METALS	2601051430C	Potassium, Total	3.1	mg/L	2.0	0.4		
1/5/2026	METALS	2601051430C	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
1/5/2026	METALS	2601051430C	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
1/5/2026	METALS	2601051430C	Strontium, Total	2.34	mg/L	0.10	0.002		
1/5/2026	METALS	2601051430C	Calcium, Total	105	mg/L	1.0	0.3		

Analytical Results for Sampling Events at JP-3-689

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/5/2026	8260_LL	2601051020C	Aminomethanesulfonic acid	1.6	ug/L	NA	NA		J TIC
1/5/2026	8260_LL	2601051020C	Sulfur Dioxide	0.63	ug/L	NA	NA		J TIC RB TB
1/5/2026	METALS	2601051035C	Barium, Total	0.023	mg/L	0.020	0.003		
1/5/2026	METALS	2601051035C	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
1/5/2026	METALS	2601051035C	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
1/5/2026	METALS	2601051035C	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
1/5/2026	METALS	2601051035C	Strontium, Total	2.34	mg/L	0.10	0.002		
1/5/2026	METALS	2601051035C	Sodium, Total	41.1	mg/L	1.0	0.5		
1/5/2026	METALS	2601051035C	Potassium, Total	3.2	mg/L	2.0	0.4		
1/5/2026	METALS	2601051035C	Nickel, Total	0.028	mg/L	0.040	0.003		J
1/5/2026	METALS	2601051035C	Zinc, Total	0.006	mg/L	0.020	0.003		J
1/5/2026	METALS	2601051035C	Magnesium, Total	69.6	mg/L	1.0	0.03		
1/5/2026	METALS	2601051035C	Boron, Total	0.07	mg/L	0.20	0.02		J
1/5/2026	METALS	2601051035C	Calcium, Total	106	mg/L	1.0	0.3		
1/5/2026	METALS	2601051037C	Nickel, Total	0.028	mg/L	0.040	0.003		J
1/5/2026	METALS	2601051037C	Zinc, Total	0.006	mg/L	0.020	0.003		J
1/5/2026	METALS	2601051037C	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
1/5/2026	METALS	2601051037C	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
1/5/2026	METALS	2601051037C	Strontium, Total	2.36	mg/L	0.10	0.002		
1/5/2026	METALS	2601051037C	Potassium, Total	3.1	mg/L	2.0	0.4		
1/5/2026	METALS	2601051037C	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
1/5/2026	METALS	2601051037C	Magnesium, Total	70.2	mg/L	1.0	0.03		
1/5/2026	METALS	2601051037C	Calcium, Total	108	mg/L	1.0	0.3		
1/5/2026	METALS	2601051037C	Barium, Total	0.023	mg/L	0.020	0.003		
1/5/2026	METALS	2601051037C	Boron, Total	0.07	mg/L	0.20	0.02		J
1/5/2026	METALS	2601051037C	Sodium, Total	41.6	mg/L	1.0	0.5		

Analytical Results for Sampling Events at NASA 6

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/10/2025	8260	2511101035A	Trichloroethene (TCE)	0.3	ug/L	1.0	0.20		J
11/10/2025	8260	2511101035A	Dichlorofluoromethane (CFC 21)	0.57	ug/L	1.0	0.20		J
11/10/2025	8260	2511101035A	Trichlorofluoromethane (CFC 11)	26	ug/L	1.0	0.24		A
11/10/2025	8260	2511101035A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.45	ug/L	1.0	0.20		J
11/10/2025	8260	2511101035A	Sulfur Dioxide	1.5	ug/L	NA	NA		J TIC RB
11/10/2025	8260	2511101035A	1,1,2-Trichloro-1,2,2-Trifluoroethane	14	ug/L	1.0	0.20		A
11/10/2025	607	2511101037A	Bromacil	0.06	µg/L	0.01	0.0051	110	
11/10/2025	607	2511101037A	N-Nitrosodimethylamine	14.13	µg/L	0.15	0.077	54	D
11/10/2025	607	2511101037A	N-Nitrodimethylamine	5.46	µg/L	0.15	0.077	84	D
11/10/2025	607	2511101038A	Bromacil	0.06	µg/L	0.011	0.0053	110	
11/10/2025	607	2511101038A	N-Nitrosodimethylamine	13.32	µg/L	0.16	0.08	54	D
11/10/2025	607	2511101038A	N-Nitrodimethylamine	5.14	µg/L	0.16	0.08	84	D
11/10/2025	METALS	2511101039A	Strontium, Total	1.73	mg/L	0.10	0.002		
11/10/2025	METALS	2511101039A	Magnesium, Total	67.7	mg/L	1.0	0.03		
11/10/2025	METALS	2511101039A	Aluminum, Total	0.13	mg/L	0.10	0.03		
11/10/2025	METALS	2511101039A	Arsenic, Total	0.0013	mg/L	0.0010	0.0004		
11/10/2025	METALS	2511101039A	Barium, Total	0.138	mg/L	0.020	0.003		
11/10/2025	METALS	2511101039A	Boron, Total	0.41	mg/L	0.20	0.02		
11/10/2025	METALS	2511101039A	Calcium, Total	72.9	mg/L	1.0	0.3		
11/10/2025	METALS	2511101039A	Chromium, Total	0.144	mg/L	0.010	0.002		QD
11/10/2025	METALS	2511101039A	Cobalt, Total	0.004	mg/L	0.050	0.0009		J
11/10/2025	METALS	2511101039A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
11/10/2025	METALS	2511101039A	Iron, Total	1.02	mg/L	0.10	0.07		
11/10/2025	METALS	2511101039A	Zinc, Total	0.007	mg/L	0.020	0.003		J
11/10/2025	METALS	2511101039A	Manganese, Total	0.103	mg/L	0.010	0.004		
11/10/2025	METALS	2511101039A	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
11/10/2025	METALS	2511101039A	Nickel, Total	0.189	mg/L	0.040	0.003		
11/10/2025	METALS	2511101039A	Potassium, Total	2.8	mg/L	2.0	0.4		
11/10/2025	METALS	2511101039A	Sodium, Total	160	mg/L	1.0	0.5		
11/10/2025	METALS	2511101039A	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
11/10/2025	METALS	2511101039A	Copper, Total	0.004	mg/L	0.020	0.004		J
11/10/2025	METALS	2511101040A	Cobalt, Total	0.004	mg/L	0.050	0.0009		J
11/10/2025	METALS	2511101040A	Manganese, Total	0.12	mg/L	0.010	0.004		
11/10/2025	METALS	2511101040A	Aluminum, Total	0.18	mg/L	0.10	0.03		
11/10/2025	METALS	2511101040A	Arsenic, Total	0.0013	mg/L	0.0010	0.0004		
11/10/2025	METALS	2511101040A	Barium, Total	0.176	mg/L	0.020	0.003		
11/10/2025	METALS	2511101040A	Boron, Total	0.41	mg/L	0.20	0.02		
11/10/2025	METALS	2511101040A	Calcium, Total	73.7	mg/L	1.0	0.3		

Analytical Results for Sampling Events at NASA 6

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/10/2025	METALS	2511101040A	Chromium, Total	0.189	mg/L	0.010	0.002		QD
11/10/2025	METALS	2511101040A	Iron, Total	1.23	mg/L	0.10	0.07		
11/10/2025	METALS	2511101040A	Magnesium, Total	68.3	mg/L	1.0	0.03		
11/10/2025	METALS	2511101040A	Zinc, Total	0.007	mg/L	0.020	0.003		J
11/10/2025	METALS	2511101040A	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
11/10/2025	METALS	2511101040A	Nickel, Total	0.198	mg/L	0.040	0.003		
11/10/2025	METALS	2511101040A	Potassium, Total	2.8	mg/L	2.0	0.4		
11/10/2025	METALS	2511101040A	Sodium, Total	161	mg/L	1.0	0.5		
11/10/2025	METALS	2511101040A	Strontium, Total	1.76	mg/L	0.10	0.002		
11/10/2025	METALS	2511101040A	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
11/10/2025	METALS	2511101040A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
11/10/2025	METALS	2511101040A	Copper, Total	0.005	mg/L	0.020	0.004		J
11/10/2025	ANIONS	2511101041A	Fluoride, undistilled	0.68	mg/L	0.10	0.010		
11/10/2025	ANIONS	2511101041A	Sulfate	374	mg/L	20	4		i D
11/10/2025	ANIONS	2511101041A	Chloride	82	mg/L	2.0	0.5		i D
11/10/2025	ANIONS	2511101041A	Alkalinity, Total as CaCO3	318	mg/L	2.0	1.8		
11/10/2025	SM2540C	2511101042A	Total Dissolved Solids (TDS)	1020	mg/L	14	13		
11/10/2025	6850	2511101043A	Perchlorate	1.1	ug/L	0.20	0.10		*
11/10/2025	353.2	2511101044A	Nitrate+Nitrite as Nitrogen	9.03	mg/L	0.50	0.02		i D

Analytical Results for Sampling Events at PL-10-484

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/15/2026	607	2601151359Y	Bromacil	0.01	µg/L	0.01	0.0052	130	
1/15/2026	8270	2601151520Y	1,4-Dioxane	0.34	ug/L	0.040	0.035		RB
1/15/2026	8270	2601151520Y	1,4-Dioxane	0.34	ug/L	0.040	0.035		RB
1/15/2026	8270	2601151520Y	1,4-Dioxane	0.34	ug/L	0.040	0.035		RB

Analytical Results for Sampling Events at PL-10-592

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/13/2026	NDMA_LL	2601151022Y	N-Nitrosodimethylamine	0.61	ng/L	0.48	0.35		EB
1/13/2026	NDMA_LL	2601151041Y	N-Nitrosodimethylamine	0.43	ng/L	0.48	0.35		J EB
1/13/2026	8270	2601151042Y	1,4-Dioxane	0.42	ug/L	0.040	0.035		RB
1/13/2026	8270	2601151042Y	1,4-Dioxane	0.42	ug/L	0.040	0.035		RB
1/13/2026	8270	2601151042Y	1,4-Dioxane	0.42	ug/L	0.040	0.035		RB

Analytical Results for Sampling Events at PL-11-470

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/1/2025	8260_LL	2512011220B	Toluene	0.31	ug/L	0.50	0.20		J
12/1/2025	8260_LL	2512011220B	Trichloroethene (TCE)	0.23	ug/L	0.50	0.20		J
12/1/2025	8260_LL	2512011220B	Trichlorofluoromethane (CFC 11)	0.3	ug/L	0.50	0.24		J
12/1/2025	8260_LL	2512011221B	1,4-Dioxane, 2,5-dimethyl-	2.3	ug/L	NA	NA		J TIC
12/1/2025	8260_LL	2512011221B	1,4-Dioxane	18	ug/L	40	6.4		J
12/1/2025	NDMA_LL	2512011223B	N-Nitrosodimethylamine	0.75	ng/L	0.49	0.35		
12/1/2025	8270	2512011225B	1,4-Dioxane	0.92	ug/L	0.040	0.035		

Analytical Results for Sampling Events at PL-11-530

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/1/2025	8260_LL	2512011245B	Trichlorofluoromethane (CFC 11)	0.31	ug/L	0.50	0.24		J
12/1/2025	NDMA_LL	2512011247B	N-Nitrosodimethylamine	0.48	ng/L	0.49	0.35		J
12/1/2025	8270	2512011249B	1,4-Dioxane	0.4	ug/L	0.040	0.035		

Analytical Results for Sampling Events at PL-11-710

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/2/2025	NDMA_LL	2512021233B	N-Nitrosodimethylamine	0.82	ng/L	0.48	0.35		RB
12/2/2025	8270	2512021235B	1,4-Dioxane	0.5	ug/L	0.040	0.035		

Analytical Results for Sampling Events at PL-11-820

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/2/2025	NDMA_LL	2512021258B	N-Nitrosodimethylamine	1.54	ng/L	0.47	0.34		RB

Analytical Results for Sampling Events at PL-11-980

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/2/2025	NDMA_LL	2512021318B	N-Nitrosodimethylamine	1.58	ng/L	0.48	0.35		RB

Analytical Results for Sampling Events at PL-12-570

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511110911C	1,1,2-Trichloro-1,2,2-Trifluoroethane	4	ug/L	1.0	0.20		A
11/11/2025	8260	2511110911C	Trichloroethene (TCE)	6.1	ug/L	1.0	0.20		
11/11/2025	8260	2511110911C	Trichlorofluoromethane (CFC 11)	5.7	ug/L	1.0	0.24		A
11/11/2025	NDMA_LL	2511110913C	N-Nitrosodimethylamine	0.97	ng/L	0.48	0.35		
11/11/2025	NDMA_LL	2511110914C	N-Nitrosodimethylamine	0.89	ng/L	0.48	0.35		

Analytical Results for Sampling Events at PL-12-800

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511111336C	Trichloromonofluoromethane	1.3	ug/L	NA	NA		J TIC
11/11/2025	8260	2511111336C	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.1	ug/L	1.0	0.20		A
11/11/2025	8260	2511111336C	Trichloroethene (TCE)	6.1	ug/L	1.0	0.20		
11/11/2025	8260	2511111336C	Trichlorofluoromethane (CFC 11)	6.4	ug/L	1.0	0.24		A
11/11/2025	8260	2511111337C	Trichloroethene (TCE)	5.8	ug/L	1.0	0.20		
11/11/2025	8260	2511111337C	Trichlorofluoromethane (CFC 11)	5.8	ug/L	1.0	0.24		A
11/11/2025	8260	2511111337C	Sulfur Dioxide	2.3	ug/L	NA	NA		J TIC RB FB
11/11/2025	8260	2511111337C	N-Methyltaurine	4.2	ug/L	NA	NA		J TIC RB
11/11/2025	8260	2511111337C	1,1,2-Trichloro-1,2,2-Trifluoroethane	3.7	ug/L	1.0	0.20		A
11/11/2025	NDMA_LL	2511111339C	N-Nitrosodimethylamine	1.46	ng/L	0.48	0.35		

Analytical Results for Sampling Events at PL-1-486

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/5/2026	8260_LL	2601051346A	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.73	ug/L	0.50	0.20		
1/5/2026	8260_LL	2601051346A	Sulfur Dioxide	1	ug/L	NA	NA		J TIC RB
1/5/2026	8260_LL	2601051347A	Sulfur Dioxide	1.1	ug/L	NA	NA		J TIC RB
1/5/2026	8260_LL	2601051347A	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.71	ug/L	0.50	0.20		

Analytical Results for Sampling Events at PL-2-504

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/10/2025	8260	2512101415C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.23	ug/L	1.0	0.20		J
12/10/2025	8260	2512101415C	1,1,2-Trichloro-1,2,2-Trifluoroethane	26	ug/L	1.0	0.20		
12/10/2025	8260	2512101415C	Dichlorofluoromethane (CFC 21)	0.86	ug/L	1.0	0.20		J
12/10/2025	8260	2512101415C	Trichloroethene (TCE)	27	ug/L	1.0	0.20		
12/10/2025	8260	2512101415C	Trichlorofluoromethane (CFC 11)	33	ug/L	1.0	0.24		
12/10/2025	8260	2512101415C	2-Methylpropane	1.5	ug/L	NA	NA		J TIC
12/10/2025	607	2512101419C	N-Nitrodimethylamine	0.03	µg/L	0.01	0.005	46	
12/10/2025	607	2512101419C	Bromacil	0.01	µg/L	0.01	0.005	63	
12/10/2025	607	2512101419C	N-Nitrosodimethylamine	0.01	µg/L	0.01	0.005	26	
12/10/2025	NDMA_LL	2512101422C	N-Nitrodimethylamine	57.26	ng/L	2	1.4		D
12/10/2025	NDMA_LL	2512101422C	N-Nitrosodimethylamine	68.71	ng/L	2	1.4		D
12/10/2025	NDMA_LL	2512101424C	N-Nitrodimethylamine	56.19	ng/L	1.9	1.3		D
12/10/2025	NDMA_LL	2512101424C	N-Nitrosodimethylamine	67.44	ng/L	1.9	1.4		D

Analytical Results for Sampling Events at PL-4-464

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/8/2025	8260	2512080925A	Carbon Dioxide	61	ug/L	NA	NA		J TIC RB FB

Analytical Results for Sampling Events at PL-6-1195

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/5/2026	8260_LL	2601060920Y	Silane, methoxytrimethyl-	0.38	ug/L	NA	NA		J TIC
1/5/2026	607	2601060921Y	Bromacil	0.01	µg/L	0.01	0.005	93	
1/5/2026	NDMA_LL	2601060922Y	N-Nitrosodimethylamine	1.04	ng/L	0.48	0.35		EB
1/5/2026	METALS	2601061002Y	Boron, Total	0.35	mg/L	0.20	0.02		
1/5/2026	METALS	2601061002Y	Vanadium, Total	0.015	mg/L	0.050	0.0007		J
1/5/2026	METALS	2601061002Y	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
1/5/2026	METALS	2601061002Y	Strontium, Total	2.24	mg/L	0.10	0.002		
1/5/2026	METALS	2601061002Y	Sodium, Total	234	mg/L	1.0	0.5		
1/5/2026	METALS	2601061002Y	Nickel, Total	0.058	mg/L	0.080	0.006		J
1/5/2026	METALS	2601061002Y	Manganese, Total	0.007	mg/L	0.010	0.004		J
1/5/2026	METALS	2601061002Y	Magnesium, Total	42.6	mg/L	1.0	0.03		
1/5/2026	METALS	2601061002Y	Iron, Total	0.23	mg/L	0.10	0.07		
1/5/2026	METALS	2601061002Y	Zinc, Total	0.006	mg/L	0.020	0.003		J
1/5/2026	METALS	2601061002Y	Calcium, Total	114	mg/L	1.0	0.3		
1/5/2026	METALS	2601061002Y	Potassium, Total	7.9	mg/L	2.0	0.4		
1/5/2026	METALS	2601061002Y	Barium, Total	0.015	mg/L	0.020	0.003		J
1/5/2026	METALS	2601061002Y	Arsenic, Total	0.0022	mg/L	0.0010	0.0004		
1/5/2026	METALS	2601061002Y	Aluminum, Total	0.38	mg/L	0.10	0.03		
1/5/2026	METALS	2601061002Y	Chromium, Total	0.002	mg/L	0.010	0.002		J
1/5/2026	METALS	2601061002Y	Molybdenum, Total	0.015	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at PL-6-1335

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/6/2026	8260_LL	2601061430Y	Methyl nitrite	2.8	ug/L	NA	NA		J TIC RB
1/6/2026	8260_LL	2601061430Y	Sulfur Dioxide	0.68	ug/L	NA	NA		J TIC RB EB
1/6/2026	607	2601061431Y	Bromacil	0.007	µg/L	0.01	0.005	93	J
1/6/2026	NDMA_LL	2601070910Y	N-Nitrosodimethylamine	1.85	ng/L	0.49	0.35		A RB EB
1/6/2026	METALS	2601070911Y	Boron, Total	0.44	mg/L	0.20	0.02		
1/6/2026	METALS	2601070911Y	Antimony, Total	0.0004	mg/L	0.0010	0.0002		J
1/6/2026	METALS	2601070911Y	Barium, Total	0.017	mg/L	0.020	0.003		J
1/6/2026	METALS	2601070911Y	Calcium, Total	97.7	mg/L	1.0	0.3		
1/6/2026	METALS	2601070911Y	Chromium, Total	0.002	mg/L	0.010	0.002		J
1/6/2026	METALS	2601070911Y	Magnesium, Total	23.5	mg/L	1.0	0.03		
1/6/2026	METALS	2601070911Y	Manganese, Total	0.18	mg/L	0.010	0.004		
1/6/2026	METALS	2601070911Y	Molybdenum, Total	0.044	mg/L	0.025	0.003		
1/6/2026	METALS	2601070911Y	Nickel, Total	0.058	mg/L	0.040	0.003		
1/6/2026	METALS	2601070911Y	Potassium, Total	9.4	mg/L	2.0	0.4		
1/6/2026	METALS	2601070911Y	Strontium, Total	2.41	mg/L	0.10	0.002		
1/6/2026	METALS	2601070911Y	Thallium, Total	0.0002	mg/L	0.0010	0.00004		J
1/6/2026	METALS	2601070911Y	Vanadium, Total	0.016	mg/L	0.050	0.0007		J
1/6/2026	METALS	2601070911Y	Zinc, Total	0.007	mg/L	0.020	0.003		J
1/6/2026	METALS	2601070911Y	Arsenic, Total	0.0035	mg/L	0.0010	0.0004		
1/6/2026	METALS	2601070911Y	Sodium, Total	349	mg/L	5.0	2.4		
1/6/2026	ANIONS	2601070950Y	Alkalinity, Total as CaCO3	71.8	mg/L	2.0	1.8		
1/6/2026	ANIONS	2601070950Y	Chloride	144	mg/L	20	5		
1/6/2026	ANIONS	2601070950Y	Fluoride, undistilled	0.56	mg/L	0.10	0.010		
1/6/2026	ANIONS	2601070950Y	Sulfate	756	mg/L	20	4		SP
1/6/2026	SM2540C	2601070951Y	Total Dissolved Solids (TDS)	1490	mg/L	13	12		
1/6/2026	353.2	2601070953Y	Nitrate+Nitrite as Nitrogen	3.08	mg/L	0.25	0.008		

Analytical Results for Sampling Events at PL-6-545

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/12/2026	NDMA_LL	2601131016Y	N-Nitrosodimethylamine	0.74	ng/L	0.48	0.35		EB

Analytical Results for Sampling Events at PL-6-725

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/12/2026	NDMA_LL	2601121321Y	N-Nitrosodimethylamine	0.69	ng/L	0.48	0.35		EB

Analytical Results for Sampling Events at PL-6-915

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/7/2026	8260_LL	2601081015Y	Carbon Dioxide	3.3	ug/L	NA	NA		J TIC
1/7/2026	NDMA_LL	2601081017Y	N-Nitrosodimethylamine	0.8	ng/L	0.49	0.35		EB
1/7/2026	METALS	2601081320Y	Vanadium, Total	0.015	mg/L	0.050	0.0007		J
1/7/2026	METALS	2601081320Y	Thallium, Total	0.00004	mg/L	0.0010	0.00004		J
1/7/2026	METALS	2601081320Y	Zinc, Total	0.004	mg/L	0.020	0.003		J
1/7/2026	METALS	2601081320Y	Strontium, Total	2.24	mg/L	0.10	0.002		
1/7/2026	METALS	2601081320Y	Sodium, Total	136	mg/L	1.0	0.5		
1/7/2026	METALS	2601081320Y	Potassium, Total	4.7	mg/L	2.0	0.4		
1/7/2026	METALS	2601081320Y	Nickel, Total	0.051	mg/L	0.040	0.003		
1/7/2026	METALS	2601081320Y	Molybdenum, Total	0.016	mg/L	0.025	0.003		J
1/7/2026	METALS	2601081320Y	Manganese, Total	0.008	mg/L	0.010	0.004		J
1/7/2026	METALS	2601081320Y	Magnesium, Total	30.5	mg/L	1.0	0.03		
1/7/2026	METALS	2601081320Y	Chromium, Total	0.002	mg/L	0.010	0.002		J
1/7/2026	METALS	2601081320Y	Calcium, Total	40.7	mg/L	1.0	0.3		
1/7/2026	METALS	2601081320Y	Barium, Total	0.012	mg/L	0.020	0.003		J
1/7/2026	METALS	2601081320Y	Arsenic, Total	0.0022	mg/L	0.0010	0.0004		
1/7/2026	METALS	2601081320Y	Boron, Total	0.19	mg/L	0.20	0.02		J
1/7/2026	ANIONS	2601081321Y	Sulfate	289	mg/L	20	4		
1/7/2026	ANIONS	2601081321Y	Alkalinity, Total as CaCO3	158	mg/L	2.0	1.8		
1/7/2026	ANIONS	2601081321Y	Fluoride, undistilled	0.55	mg/L	0.10	0.010		
1/7/2026	ANIONS	2601081321Y	Chloride	41.2	mg/L	2.0	0.5		
1/7/2026	SM2540C	2601081322Y	Total Dissolved Solids (TDS)	1090	mg/L	26	24		
1/7/2026	6850	2601081400Y	Perchlorate	0.3	ug/L	0.20	0.10		T *
1/7/2026	353.2	2601081401Y	Nitrate+Nitrite as Nitrogen	0.1	mg/L	0.050	0.002		

Analytical Results for Sampling Events at PL-7-560

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/7/2025	8260_LL	2511070955Y	Carbon Dioxide	49	ug/L	NA	NA		J TIC RB EB
11/7/2025	8260_LL	2511070956Y	Carbon Dioxide	50	ug/L	NA	NA		* J TIC RB E
11/7/2025	NDMA_LL	2511070957Y	N-Nitrosodimethylamine	1.12	ng/L	0.48	0.35		RB EB

Analytical Results for Sampling Events at PL-8-455

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/3/2025	8260_LL	2512031330Y	Carbon Dioxide	42	ug/L	NA	NA		J TIC RB TB
12/3/2025	8260_LL	2512031330Y	Acetic Acid	0.52	ug/L	NA	NA		J TIC RB
12/3/2025	NDMA_LL	2512031331Y	N-Nitrosodimethylamine	0.67	ng/L	0.5	0.37		RB

Analytical Results for Sampling Events at PL-8-605

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/2/2025	NDMA_LL	2512021331Y	N-Nitrosodimethylamine	0.5	ng/L	0.5	0.36		RB EB

Analytical Results for Sampling Events at ST-1-473

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/8/2025	8260	2512081400A	Carbon Dioxide	50	ug/L	NA	NA		J TIC RB FB
12/8/2025	8260	2512081400A	Trichlorofluoromethane (CFC 11)	42	ug/L	1.0	0.24		
12/8/2025	8260	2512081400A	Trichloroethene (TCE)	55	ug/L	1.0	0.20		
12/8/2025	8260	2512081400A	Tetrachloroethene (PCE)	1.3	ug/L	1.0	0.21		
12/8/2025	8260	2512081400A	1,1,2-Trichloro-1,2,2-Trifluoroethane	86	ug/L	1.0	0.20		
12/8/2025	8260	2512081400A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.35	ug/L	1.0	0.20		J
12/8/2025	8260	2512081400A	1,1-Dichloroethene	0.38	ug/L	1.0	0.20		J
12/8/2025	607	2512081402A	N-Nitrosodimethylamine	0.18	µg/L	0.01	0.005	57	
12/8/2025	607	2512081402A	N-Nitrodimethylamine	0.1	µg/L	0.01	0.005	110	

Analytical Results for Sampling Events at ST-1-541

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/13/2025	8260	2511130945A	Trichloroethene (TCE)	140	ug/L	1.0	0.20		
11/13/2025	8260	2511130945A	1,1,2-Trichloro-1,2,2-Trifluoroethane	250	ug/L	2.5	0.50		D Q
11/13/2025	8260	2511130945A	1,1-Dichloroethene	1.1	ug/L	1.0	0.20		
11/13/2025	8260	2511130945A	Dichlorofluoromethane (CFC 21)	0.93	ug/L	1.0	0.20		J
11/13/2025	8260	2511130945A	Carbon Dioxide	51	ug/L	NA	NA		J TIC RB
11/13/2025	8260	2511130945A	Tetrachloroethene (PCE)	6.3	ug/L	1.0	0.21		
11/13/2025	8260	2511130945A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.5	ug/L	1.0	0.20		
11/13/2025	8260	2511130945A	Carbon Dioxide	260	ug/L	NA	NA		J TIC RB
11/13/2025	8260	2511130945A	Trichlorofluoromethane (CFC 11)	150	ug/L	1.0	0.24		Q
11/13/2025	607	2511130947A	N-Nitrodimethylamine	1.44	µg/L	0.01	0.005	82	
11/13/2025	607	2511130947A	Bromacil	0.12	µg/L	0.01	0.005	108	Q
11/13/2025	607	2511130947A	N-Nitrosodimethylamine	1.82	µg/L	0.01	0.005	51	
11/13/2025	METALS	2511130948A	Strontium, Total	2.73	mg/L	0.10	0.002		
11/13/2025	METALS	2511130948A	Calcium, Total	118	mg/L	1.0	0.3		
11/13/2025	METALS	2511130948A	Boron, Total	0.06	mg/L	0.20	0.02		J
11/13/2025	METALS	2511130948A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
11/13/2025	METALS	2511130948A	Sodium, Total	38.1	mg/L	1.0	0.5		
11/13/2025	METALS	2511130948A	Potassium, Total	3.3	mg/L	2.0	0.4		
11/13/2025	METALS	2511130948A	Nickel, Total	0.037	mg/L	0.040	0.003		J
11/13/2025	METALS	2511130948A	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
11/13/2025	METALS	2511130948A	Magnesium, Total	73.3	mg/L	1.0	0.03		
11/13/2025	METALS	2511130948A	Barium, Total	0.029	mg/L	0.020	0.003		

Analytical Results for Sampling Events at ST-1-630

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/13/2025	8260	2511131001C	Tetrachloroethene (PCE)	12	ug/L	1.0	0.21		
11/13/2025	8260	2511131001C	Carbon Dioxide	48	ug/L	NA	NA		J TIC RB FB
11/13/2025	8260	2511131001C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.3	ug/L	1.0	0.20		
11/13/2025	8260	2511131001C	Trichlorofluoromethane (CFC 11)	240	ug/L	1.0	0.24		G
11/13/2025	8260	2511131001C	Trichloroethene (TCE)	310	ug/L	1.0	0.20		G
11/13/2025	8260	2511131001C	Carbon Dioxide	250	ug/L	NA	NA		J TIC RB
11/13/2025	8260	2511131001C	1,1-Dichloroethene	1.6	ug/L	1.0	0.20		
11/13/2025	8260	2511131001C	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0.23	ug/L	1.0	0.20		J
11/13/2025	8260	2511131001C	Dichlorofluoromethane (CFC 21)	0.63	ug/L	1.0	0.20		J
11/13/2025	8260	2511131001C	1,1,2-Trichloro-1,2,2-Trifluoroethane	290	ug/L	2.5	0.50		D
11/13/2025	607	2511131003C	Bromacil	0.01	µg/L	0.01	0.005	108	
11/13/2025	607	2511131003C	N-Nitrodimethylamine	0.17	µg/L	0.01	0.005	82	
11/13/2025	607	2511131003C	N-Nitrosodimethylamine	0.25	µg/L	0.01	0.005	51	
11/13/2025	607	2511131004C	N-Nitrosodimethylamine	0.2	µg/L	0.01	0.005	51	
11/13/2025	607	2511131004C	N-Nitrodimethylamine	0.14	µg/L	0.01	0.005	82	
11/13/2025	607	2511131004C	Bromacil	0.009	µg/L	0.01	0.005	108	J

Analytical Results for Sampling Events at ST-3-486

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/9/2025	8260	2512091000A	Trichloroethene (TCE)	1	ug/L	1.0	0.20		
12/9/2025	8260	2512091000A	Trichlorofluoromethane (CFC 11)	1.7	ug/L	1.0	0.24		
12/9/2025	8260	2512091000A	1,1,2-Trichloro-1,2,2-Trifluoroethane	6.3	ug/L	1.0	0.20		
12/9/2025	8260	2512091000A	Carbon Dioxide	55	ug/L	NA	NA		J TIC RB

Analytical Results for Sampling Events at ST-3-586

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/9/2025	8260	2512091415A	1,1,2-Trichloro-1,2,2-Trifluoroethane	2	ug/L	1.0	0.20		
12/9/2025	8260	2512091415A	Trichloroethene (TCE)	1.1	ug/L	1.0	0.20		
12/9/2025	8260	2512091415A	Trichlorofluoromethane (CFC 11)	0.74	ug/L	1.0	0.24		J
12/9/2025	8260	2512091415A	Carbon Dioxide	56	ug/L	NA	NA		J TIC RB FB
12/9/2025	8260	2512091416A	1,1,2-Trichloro-1,2,2-Trifluoroethane	1.7	ug/L	1.0	0.20		
12/9/2025	8260	2512091416A	Trichloroethene (TCE)	1.1	ug/L	1.0	0.20		
12/9/2025	8260	2512091416A	Trichlorofluoromethane (CFC 11)	0.69	ug/L	1.0	0.24		J
12/9/2025	8260	2512091416A	Carbon Dioxide	55	ug/L	NA	NA		J TIC RB FB

Analytical Results for Sampling Events at ST-3-666

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/9/2025	8260	2512091410C	Trichloroethene (TCE)	4.5	ug/L	1.0	0.20		
12/9/2025	8260	2512091410C	Carbon Dioxide	51	ug/L	NA	NA		J TIC RB FB
12/9/2025	8260	2512091410C	Tetrachloroethene (PCE)	0.24	ug/L	1.0	0.21		J
12/9/2025	8260	2512091410C	Trichlorofluoromethane (CFC 11)	2.8	ug/L	1.0	0.24		
12/9/2025	8260	2512091410C	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.8	ug/L	1.0	0.20		
12/9/2025	607	2512091415C	N-Nitrodimethylamine	0.01	µg/L	0.01	0.005	110	
12/9/2025	607	2512091415C	N-Nitrosodimethylamine	0.007	µg/L	0.01	0.005	57	J
12/9/2025	607	2512091418C	N-Nitrodimethylamine	0.01	µg/L	0.01	0.005	110	
12/9/2025	607	2512091418C	N-Nitrosodimethylamine	0.006	µg/L	0.01	0.005	57	J

Analytical Results for Sampling Events at ST-3-735

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/9/2025	8260	2512091017C	Trichloroethene (TCE)	15	ug/L	1.0	0.20		
12/9/2025	8260	2512091017C	Trichlorofluoromethane (CFC 11)	9.1	ug/L	1.0	0.24		
12/9/2025	8260	2512091017C	Tetrachloroethene (PCE)	0.31	ug/L	1.0	0.21		J
12/9/2025	8260	2512091017C	1,1,2-Trichloro-1,2,2-Trifluoroethane	6.2	ug/L	1.0	0.20		
12/9/2025	8260	2512091017C	Carbon Dioxide	54	ug/L	NA	NA		J TIC RB FB
12/9/2025	607	2512091020C	N-Nitrosodimethylamine	0.16	µg/L	0.01	0.005	57	
12/9/2025	607	2512091020C	N-Nitrodimethylamine	0.14	µg/L	0.01	0.005	110	

Analytical Results for Sampling Events at ST-4-481

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/5/2025	8260_LL	2512050933A	Carbon Dioxide	60	ug/L	NA	NA		J TIC RB FB
12/5/2025	8260_LL	2512050933A	Sulfur Dioxide	1.5	ug/L	NA	NA		J TIC FB

Analytical Results for Sampling Events at ST-4-589

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/4/2025	8260_LL	2512040932A	Acetic Acid	0.56	ug/L	NA	NA		J TIC TB
12/4/2025	8260_LL	2512040932A	Cyclohexane	0.53	ug/L	1.0	0.30		J
12/4/2025	8260_LL	2512040932A	Carbon Dioxide	56	ug/L	NA	NA		J TIC RB TB
12/4/2025	8260_LL	2512040932A	Sulfur Dioxide	1	ug/L	NA	NA		J TIC

Analytical Results for Sampling Events at ST-4-690

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/4/2025	8260_LL	2512041408A	Acetic Acid	0.75	ug/L	NA	NA		J TIC FB
12/4/2025	8260_LL	2512041408A	Aminomethanesulfonic acid	1.8	ug/L	NA	NA		J TIC RB
12/4/2025	8260_LL	2512041408A	Carbon Dioxide	57	ug/L	NA	NA		J TIC RB FB

Analytical Results for Sampling Events at ST-5-485

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/6/2025	8260_LL	2511061355Y	Carbon Dioxide	51	ug/L	NA	NA		J TIC RB
11/6/2025	8260_LL	2511061355Y	Sulfur Dioxide	1.3	ug/L	NA	NA		J TIC
11/6/2025	NDMA_LL	2511061356Y	N-Nitrosodimethylamine	0.9	ng/L	0.48	0.35		RB EB

Analytical Results for Sampling Events at ST-5-655

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/6/2025	8260_LL	2511061005Y	Carbon Dioxide	48	ug/L	NA	NA		J TIC RB TB
11/6/2025	8260_LL	2511061005Y	Sulfur Dioxide	1.2	ug/L	NA	NA		J TIC TB EB
11/6/2025	NDMA_LL	2511061006Y	N-Nitrosodimethylamine	0.81	ng/L	0.47	0.34		RB EB

Analytical Results for Sampling Events at ST-6-528

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/3/2025	8260_LL	2512031236B	Carbon Dioxide	41	ug/L	NA	NA		J TIC RB
12/3/2025	8260_LL	2512031236B	Acetic Acid	0.6	ug/L	NA	NA		J TIC RB FB
12/3/2025	8260_LL	2512031236B	Toluene	0.27	ug/L	0.50	0.20		J
12/3/2025	8260_LL	2512031236B	1,4-Dioxane, 2,5-dimethyl-	0.52	ug/L	NA	NA		J TIC
12/3/2025	NDMA_LL	2512031238B	N-Nitrosodimethylamine	0.48	ng/L	0.48	0.35		RB
12/3/2025	8270	2512031240B	1,4-Dioxane	0.71	ug/L	0.040	0.035		

Analytical Results for Sampling Events at ST-6-568

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/3/2025	8260_LL	2512031301B	Carbon Dioxide	43	ug/L	NA	NA		J TIC RB FB
12/3/2025	NDMA_LL	2512031303B	N-Nitrosodimethylamine	0.79	ng/L	0.47	0.34		K RB
12/3/2025	8270	2512031305B	1,4-Dioxane	0.87	ug/L	0.040	0.035		

Analytical Results for Sampling Events at ST-6-678

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/4/2025	8260_LL	2512041246B	Acetic Acid	0.65	ug/L	NA	NA		J TIC FB
12/4/2025	8260_LL	2512041246B	Carbon Dioxide	60	ug/L	NA	NA		J TIC RB FB
12/4/2025	8260_LL	2512041246B	Sulfur Dioxide	1.8	ug/L	NA	NA		J TIC
12/4/2025	8260_LL	2512041246B	Toluene	0.4	ug/L	0.50	0.20		J
12/4/2025	8260_LL	2512041246B	1,4-Dioxane, 2,5-dimethyl-	0.69	ug/L	NA	NA		J TIC
12/4/2025	NDMA_LL	2512041248B	N-Nitrosodimethylamine	0.5	ng/L	0.48	0.35		K
12/4/2025	8270	2512041250B	1,4-Dioxane	0.62	ug/L	0.040	0.035		

Analytical Results for Sampling Events at ST-6-824

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/4/2025	8260_LL	2512041301B	Cyclohexane	0.47	ug/L	1.0	0.30		J
12/4/2025	8260_LL	2512041301B	Acetic Acid	0.75	ug/L	NA	NA		J TIC FB
12/4/2025	8260_LL	2512041301B	Sulfur Dioxide	1.8	ug/L	NA	NA		J TIC FB
12/4/2025	8260_LL	2512041301B	Toluene	0.24	ug/L	0.50	0.20		J
12/4/2025	8260_LL	2512041301B	Chloroethane	5	ug/L	0.50	0.23		
12/4/2025	8260_LL	2512041301B	Carbon Tetrachloride	9.1	ug/L	0.50	0.34		
12/4/2025	8260_LL	2512041301B	4-Methyl-2-pentanone	0.72	ug/L	2.0	0.20		J
12/4/2025	8260_LL	2512041301B	1,2,3-Trichloropropane	19	ug/L	0.50	0.26		
12/4/2025	8260_LL	2512041301B	Carbon Dioxide	54	ug/L	NA	NA		J TIC RB FB
12/4/2025	NDMA_LL	2512041303B	N-Nitrosodimethylamine	0.7	ng/L	0.48	0.35		K

Analytical Results for Sampling Events at ST-6-970

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/4/2025	8260_LL	2512041326B	Carbon Dioxide	58	ug/L	NA	NA		J TIC RB FB
12/4/2025	8260_LL	2512041326B	Acetic Acid	0.64	ug/L	NA	NA		J TIC
12/4/2025	NDMA_LL	2512041328B	N-Nitrosodimethylamine	0.45	ng/L	0.47	0.34		J K

Analytical Results for Sampling Events at ST-7-544

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/8/2026	8260_LL	2601081215B	1,4-Dioxane, 2,5-dimethyl-	0.68	ug/L	NA	NA		J TIC
1/8/2026	8260_LL	2601081215B	Trichlorofluoromethane (CFC 11)	2.6	ug/L	0.50	0.24		
1/8/2026	8260_LL	2601081215B	1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2	ug/L	0.50	0.20		
1/8/2026	8260_LL	2601081215B	Trichloroethene (TCE)	3.6	ug/L	0.50	0.20		
1/8/2026	NDMA_LL	2601081217B	N-Nitrosodimethylamine	0.75	ng/L	0.48	0.35		A K
1/8/2026	NDMA_LL	2601081219B	N-Nitrosodimethylamine	0.49	ng/L	0.48	0.35		A K

Analytical Results for Sampling Events at ST-7-779

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/8/2026	8260_LL	2601081235B	4-Methyl-2-pentanone	0.37	ug/L	2.0	0.20		J A
1/8/2026	8260_LL	2601081235B	Toluene	0.26	ug/L	0.50	0.20		J
1/8/2026	8260_LL	2601081235B	1,4-Dioxane, 2,5-dimethyl-	0.62	ug/L	NA	NA		J TIC
1/8/2026	NDMA_LL	2601081237B	N-Nitrosodimethylamine	0.38	ng/L	0.47	0.34		A J K

Analytical Results for Sampling Events at ST-7-970

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/8/2026	8260_LL	2601081250B	1,4-Dioxane, 2,5-dimethyl-	1.7	ug/L	NA	NA		J TIC
1/8/2026	8260_LL	2601081250B	Toluene	0.22	ug/L	0.50	0.20		J
1/8/2026	8260_LL	2601081250B	1,4-Dioxane	11	ug/L	40	6.4		J
1/8/2026	8260_LL	2601081250B	4-Methyl-2-pentanone	0.59	ug/L	2.0	0.20		J A
1/8/2026	NDMA_LL	2601081252B	N-Nitrosodimethylamine	0.43	ng/L	0.48	0.35		A J K

Analytical Results for Sampling Events at WW-1-452

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/11/2025	8260_LL	2512111015A	2-Methylpropane	1.3	ug/L	NA	NA		J TIC
12/11/2025	NDMA_LL	2512111017A	N-Nitrosodimethylamine	0.54	ng/L	0.48	0.35		
12/11/2025	NDMA_LL	2512111019A	N-Nitrosodimethylamine	5.68	ng/L	0.48	0.35		
12/11/2025	NDMA_LL	2512111019A	N-Nitrodimethylamine	4.73	ng/L	0.48	0.34		

Analytical Results for Sampling Events at WW-2-664

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/10/2025	8260_LL	2512101352B	Ethyne, fluoro-	4.5	ug/L	NA	NA		J TIC

Analytical Results for Sampling Events at WW-3-469

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/1/2025	8260_LL	2512011435Y	Silane, methoxytrimethyl-	0.64	ug/L	NA	NA		J TIC
12/1/2025	8260_LL	2512011435Y	Sulfur Dioxide	0.69	ug/L	NA	NA		J TIC RB EB

Analytical Results for Sampling Events at WW-3-569

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
12/1/2025	NDMA_LL	2512011301Y	N-Nitrosodimethylamine	0.79	ng/L	0.48	0.35		EB

Analytical Results for Sampling Events at WW-4-419

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/4/2025	8260_LL	2511041230B	Sulfur Dioxide	3.5	ug/L	NA	NA		J TIC FB
11/4/2025	8260_LL	2511041230B	Toluene	0.56	ug/L	0.50	0.20		

Analytical Results for Sampling Events at WW-4-589

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/4/2025	8260_LL	2511041250B	Toluene	0.91	ug/L	0.50	0.20		
11/4/2025	NDMA_LL	2511041252B	N-Nitrosodimethylamine	1.44	ng/L	0.48	0.35		

Analytical Results for Sampling Events at WW-4-848

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/5/2025	8260_LL	2511051230B	Carbon Dioxide	51	ug/L	NA	NA		J TIC FB
11/5/2025	8260_LL	2511051230B	Sulfur Dioxide	1.2	ug/L	NA	NA		J TIC
11/5/2025	8260_LL	2511051230B	Toluene	1.6	ug/L	0.50	0.20		
11/5/2025	8260_LL	2511051230B	Propanal	9.6	ug/L	NA	NA		J TIC
11/5/2025	NDMA_LL	2511051232B	N-Nitrosodimethylamine	1.25	ng/L	0.47	0.34		RB FB

Analytical Results for Sampling Events at WW-4-948

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/5/2025	8260_LL	2511051250B	Toluene	0.85	ug/L	0.50	0.20		
11/5/2025	8260_LL	2511051250B	Sulfur Dioxide	1.5	ug/L	NA	NA		J TIC FB
11/5/2025	8260_LL	2511051250B	Carbon Dioxide	53	ug/L	NA	NA		J TIC FB

Analytical Results for Sampling Events at WW-5-459

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/12/2026	8260_LL	2601121150B	Acetaldehyde	0.53	ug/L	NA	NA		J TIC
1/12/2026	8260_LL	2601121150B	1,4-Dioxane	8.7	ug/L	40	6.4		J
1/12/2026	8260_LL	2601121150B	Toluene	1.9	ug/L	0.50	0.20		
1/12/2026	8260_LL	2601121150B	1,4-Dioxane, 2,5-dimethyl-	0.94	ug/L	NA	NA		J TIC
1/12/2026	8260_LL	2601121150B	1,3-Dioxolane, 4-methyl-	0.16	ug/L	NA	NA		J TIC
1/12/2026	8260_LL	2601121150B	Propanal	8.5	ug/L	NA	NA		J TIC
1/12/2026	NDMA_LL	2601121152B	N-Nitrosodimethylamine	1.81	ng/L	0.47	0.34		

Analytical Results for Sampling Events at WW-5-579

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/12/2026	8260_LL	2601121220B	1,4-Dioxane, 2,5-dimethyl-	0.93	ug/L	NA	NA		J TIC
1/12/2026	8260_LL	2601121220B	Propanal	1.1	ug/L	NA	NA		J TIC
1/12/2026	8260_LL	2601121220B	Toluene	1.3	ug/L	0.50	0.20		
1/12/2026	NDMA_LL	2601121222B	N-Nitrosodimethylamine	2.47	ng/L	0.48	0.35		

Analytical Results for Sampling Events at WW-5-809

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/13/2026	8260_LL	2601131155B	Ethyne, fluoro-	16	ug/L	NA	NA		J TIC
1/13/2026	8260_LL	2601131155B	Propanal	5.6	ug/L	NA	NA		J TIC
1/13/2026	8260_LL	2601131155B	Toluene	4	ug/L	0.50	0.20		
1/13/2026	8260_LL	2601131155B	1,4-Dioxane, 2,5-dimethyl-	0.63	ug/L	NA	NA		J TIC
1/13/2026	NDMA_LL	2601131157B	N-Nitrosodimethylamine	2.14	ng/L	0.47	0.34		

Analytical Results for Sampling Events at WW-5-909

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/13/2026	8260_LL	2601131215B	Toluene	0.94	ug/L	0.50	0.20		
1/13/2026	NDMA_LL	2601131217B	N-Nitrosodimethylamine	7.74	ng/L	0.48	0.35		

Appendix A.3
PFTS Indicator Parameters

Summary of Water Quality Parameters
for the Plume Front Sampling Events in this Reporting Period

Well ID	B650-EFF-1	Event Date	11/7/2025	
Sample	**Parameter**		**Result**	**Units**
2511070745	Conductivity		979	µS/cm
2511070745	DTW			ft
2511070745	pH		8.35	NA
2511070745	Temperature		24.2	ºC
2511070745	Turbidity		0.53	NTU

Well ID	B650-EFF-1	Event Date	12/16/2025	
Sample	**Parameter**		**Result**	**Units**
2512161440	Conductivity		1086	µS/cm
2512161440	pH		8.44	NA
2512161440	Temperature		18.2	ºC
2512161440	Turbidity		1.06	NTU

Well ID	B650-EFF-1	Event Date	1/16/2026	
Sample	**Parameter**		**Result**	**Units**
2601160733	Conductivity		1003	µS/cm
2601160733	pH		8.33	NA
2601160733	Temperature		22.8	ºC
2601160733	Turbidity		0.74	NTU

Well ID	B650-INF-1	Event Date	11/7/2025	
Sample	**Parameter**		**Result**	**Units**
2511070800	Conductivity		910	µS/cm
2511070800	DTW			ft
2511070800	pH		7.40	NA
2511070800	Temperature		24.2	ºC
2511070800	Turbidity		0.55	NTU

Well ID	B650-INF-1	Event Date	12/16/2025	
Sample	**Parameter**		**Result**	**Units**
2512161450	Conductivity		1077	µS/cm
2512161450	pH		8.32	NA
2512161450	Temperature		17.8	ºC
2512161450	Turbidity		1.29	NTU

Well ID	B650-INF-1	Event Date	1/16/2026	
Sample	**Parameter**		**Result**	**Units**
2601160745	Conductivity		1003	µS/cm
2601160745	pH		7.11	NA
2601160745	Temperature		23.3	ºC
2601160745	Turbidity		0.80	NTU

Well ID	PFE-1	Event Date	1/19/2026	
Sample	**Parameter**		**Result**	**Units**
2601190700	Conductivity		986	µS/cm
2601190700	DTW			ft
2601190700	pH		7.84	NA
2601190700	Temperature		19.6	ºC
2601190700	Turbidity		1.18	NTU

Well ID	PFE-2	Event Date	1/15/2026	
Sample	**Parameter**		**Result**	**Units**
2601150855	Conductivity		982	µS/cm
2601150855	DTW			ft
2601150855	pH		7.34	NA
2601150855	Temperature		22.8	ºC
2601150855	Turbidity		1.58	NTU

Well ID	PFE-3	Event Date	1/15/2026	
Sample	**Parameter**		**Result**	**Units**
2601150945	Conductivity		1035	µS/cm
2601150945	DTW			ft
2601150945	pH		7.23	NA
2601150945	Temperature		20.7	ºC
2601150945	Turbidity		1.23	NTU

Well ID	PFE-4A	Event Date	1/15/2026	
Sample	**Parameter**		**Result**	**Units**
2601150915	Conductivity		994	µS/cm
2601150915	DTW			ft
2601150915	pH		7.25	NA
2601150915	Temperature		24.3	ºC
2601150915	Turbidity		1.73	NTU

Well ID	PFE-5	Event Date	1/19/2026	
Sample	**Parameter**		**Result**	**Units**
2601190715	Conductivity		844	µS/cm
2601190715	DTW			ft
2601190715	pH		7.58	NA
2601190715	Temperature		21.2	ºC
2601190715	Turbidity		.98	NTU

Well ID	PFE-7	Event Date	1/19/2026	
Sample	**Parameter**		**Result**	**Units**
2601190735	Conductivity		974	µS/cm
2601190735	DTW			ft
2601190735	pH		7.82	NA
2601190735	Temperature		20.4	ºC
2601190735	Turbidity		4.02	NTU

Appendix A.4
PFTS Analytical Data

Detections for Plume Front Treatment System Sampling Events in this Reporting Period

Analytical Results for Sampling Events at B650-EFF-1

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/7/2025	8260_LL	2511070750	Carbon Dioxide	57	ug/L	NA	NA		J TIC RB FB
11/7/2025	8260_LL	2511070750	Trimethylsilyl fluoride	1.8	ug/L	NA	NA		J TIC
12/16/2025	8260_LL	2512161442	Methyl nitrite	1	ug/L	NA	NA		J TIC
12/16/2025	8260_LL	2512161442	Carbon Dioxide	43	ug/L	NA	NA		J TIC RB TB
12/16/2025	8260_LL	2512161442	Sulfur Dioxide	6.6	ug/L	NA	NA		J TIC RB TB
1/16/2026	8270	2601160740	1,4-Dioxane	0.31	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160740	1,4-Dioxane	0.31	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160740	1,4-Dioxane	0.31	ug/L	0.040	0.035		RB

Analytical Results for Sampling Events at B650-INF-1

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/7/2025	8260	2511070805	Trichloroethene (TCE)	17	ug/L	1.0	0.20		
11/7/2025	8260	2511070805	Trichlorofluoromethane (CFC 11)	20	ug/L	1.0	0.24		
11/7/2025	8260	2511070805	Tetrachloroethene (PCE)	0.8	ug/L	1.0	0.21		J
11/7/2025	8260	2511070805	1,1,2-Trichloro-1,2,2-Trifluoroethane	35	ug/L	1.0	0.20		
11/7/2025	8260	2511070805	Benzene, 1-bromo-3-fluoro-	24	ug/L	NA	NA		J TIC RB FB
11/7/2025	8260	2511070806	Trichlorofluoromethane (CFC 11)	21	ug/L	1.0	0.24		
11/7/2025	8260	2511070806	1,1,2-Trichloro-1,2,2-Trifluoroethane	36	ug/L	1.0	0.20		
11/7/2025	8260	2511070806	Tetrachloroethene (PCE)	0.81	ug/L	1.0	0.21		J
11/7/2025	8260	2511070806	Trichloroethene (TCE)	18	ug/L	1.0	0.20		
11/7/2025	607	2511070808	N-Nitrosodimethylamine	0.06	µg/L	0.01	0.0051	100	
11/7/2025	607	2511070808	N-Nitrodimethylamine	0.04	µg/L	0.01	0.0051	139	
11/7/2025	607	2511070808	Bromacil	0.009	µg/L	0.01	0.0051	216	J
12/16/2025	8260	2512161452	Sulfur Dioxide	4.2	ug/L	NA	NA		J TIC RB FB
12/16/2025	8260	2512161452	Carbon Dioxide	36	ug/L	NA	NA		J TIC RB FB
12/16/2025	8260	2512161452	Trichlorofluoromethane (CFC 11)	4.4	ug/L	1.0	0.24		
12/16/2025	8260	2512161452	Trichloroethene (TCE)	6	ug/L	1.0	0.20		
12/16/2025	8260	2512161452	1,1,2-Trichloro-1,2,2-Trifluoroethane	9.3	ug/L	1.0	0.20		
12/16/2025	8260	2512161452	Tetrachloroethene (PCE)	0.39	ug/L	1.0	0.21		J
1/16/2026	8260	2601160747	Silane, methoxytrimethyl-	0.51	ug/L	NA	NA		J TIC
1/16/2026	8260	2601160747	1,1,2-Trichloro-1,2,2-Trifluoroethane	37	ug/L	1.0	0.20		
1/16/2026	8260	2601160747	1,1-Dichloroethene	0.2	ug/L	1.0	0.20		J
1/16/2026	8260	2601160747	Tetrachloroethene (PCE)	0.8	ug/L	1.0	0.21		J
1/16/2026	8260	2601160747	Trichloroethene (TCE)	18	ug/L	1.0	0.20		
1/16/2026	8260	2601160747	Trichlorofluoromethane (CFC 11)	19	ug/L	1.0	0.24		
1/16/2026	607	2601160749	Bromacil	0.005	µg/L	0.01	0.0052	130	J
1/16/2026	607	2601160749	N-Nitrosodimethylamine	0.05	µg/L	0.01	0.0052	42	
1/16/2026	607	2601160749	N-Nitrodimethylamine	0.04	µg/L	0.01	0.0052	85	
1/16/2026	8270	2601160750	1,4-Dioxane	0.33	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160750	1,4-Dioxane	0.33	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160750	1,4-Dioxane	0.33	ug/L	0.040	0.035		RB

Analytical Results for Sampling Events at PFE-1

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/19/2026	8260	2601190701	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.7	ug/L	1.0	0.20		
1/19/2026	8260	2601190701	Tetrachloroethene (PCE)	0.28	ug/L	1.0	0.21		J
1/19/2026	8260	2601190701	Trichloroethene (TCE)	6.4	ug/L	1.0	0.20		
1/19/2026	8260	2601190701	Trichlorofluoromethane (CFC 11)	4.8	ug/L	1.0	0.24		
1/19/2026	607	2601190703	N-Nitrodimethylamine	0.04	µg/L	0.01	0.005	85	
1/19/2026	607	2601190703	N-Nitrosodimethylamine	0.05	µg/L	0.01	0.005	42	

Analytical Results for Sampling Events at PFE-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/15/2026	8260	2601150900	Tetrachloroethene (PCE)	2.9	ug/L	1.0	0.21		
1/15/2026	8260	2601150900	L-Cysteine sulfinic acid	7.3	ug/L	NA	NA		J TIC
1/15/2026	8260	2601150900	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.34	ug/L	1.0	0.20		J
1/15/2026	8260	2601150900	1,1-Dichloroethene	0.43	ug/L	1.0	0.20		J
1/15/2026	8260	2601150900	1,1,2-Trichloro-1,2,2-Trifluoroethane	130	ug/L	1.0	0.20		
1/15/2026	8260	2601150900	Trichloroethene (TCE)	73	ug/L	1.0	0.20		
1/15/2026	8260	2601150900	Dichlorofluoromethane (CFC 21)	0.42	ug/L	1.0	0.20		J
1/15/2026	8260	2601150900	Trichlorofluoromethane (CFC 11)	67	ug/L	1.0	0.24		
1/15/2026	607	2601150902	N-Nitrosodimethylamine	0.11	µg/L	0.01	0.0051	42	
1/15/2026	607	2601150902	Bromacil	0.01	µg/L	0.01	0.0051	130	
1/15/2026	607	2601150902	N-Nitrodimethylamine	0.1	µg/L	0.01	0.0051	85	
1/15/2026	607	2601150903	N-Nitrosodimethylamine	0.1	µg/L	0.01	0.005	42	
1/15/2026	607	2601150903	N-Nitrodimethylamine	0.1	µg/L	0.01	0.005	85	
1/15/2026	607	2601150903	Bromacil	0.007	µg/L	0.01	0.005	130	J

Analytical Results for Sampling Events at PFE-3

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/15/2026	8260	2601150948	Trichlorofluoromethane (CFC 11)	27	ug/L	1.0	0.24		
1/15/2026	8260	2601150948	Trichloroethene (TCE)	29	ug/L	1.0	0.20		
1/15/2026	8260	2601150948	1,1,2-Trichloro-1,2,2-Trifluoroethane	58	ug/L	1.0	0.20		
1/15/2026	8260	2601150948	Tetrachloroethene (PCE)	1.3	ug/L	1.0	0.21		
1/15/2026	607	2601150950	Bromacil	0.02	µg/L	0.01	0.0051	130	
1/15/2026	607	2601150950	N-Nitrodimethylamine	0.06	µg/L	0.01	0.0051	85	
1/15/2026	607	2601150950	N-Nitrosodimethylamine	0.05	µg/L	0.01	0.0051	42	

Analytical Results for Sampling Events at PFE-4A

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/15/2026	8260	2601150918	Trichloroethene (TCE)	1.2	ug/L	1.0	0.20		
1/15/2026	8260	2601150918	Trichlorofluoromethane (CFC 11)	1.4	ug/L	1.0	0.24		
1/15/2026	8260	2601150918	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.2	ug/L	1.0	0.20		
1/15/2026	607	2601150920	N-Nitrodimethylamine	0.005	µg/L	0.01	0.005	85	J
1/15/2026	607	2601150920	Bromacil	0.01	µg/L	0.01	0.005	130	
1/15/2026	NDMA_LL	2601150921	N-Nitrosodimethylamine	18.57	ng/L	0.48	0.35		
1/15/2026	NDMA_LL	2601150921	N-Nitrodimethylamine	10.8	ng/L	0.48	0.33		

Analytical Results for Sampling Events at PFE-5

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/19/2026	8260	2601190716	Trichlorofluoromethane (CFC 11)	15	ug/L	1.0	0.24		
1/19/2026	8260	2601190716	1,1,2-Trichloro-1,2,2-Trifluoroethane	9.8	ug/L	1.0	0.20		
1/19/2026	8260	2601190716	Tetrachloroethene (PCE)	2	ug/L	1.0	0.21		
1/19/2026	8260	2601190716	Trichloroethene (TCE)	43	ug/L	1.0	0.20		
1/19/2026	607	2601190718	Bromacil	0.01	µg/L	0.01	0.0051	130	
1/19/2026	607	2601190718	N-Nitrosodimethylamine	0.18	µg/L	0.01	0.0051	42	
1/19/2026	607	2601190718	N-Nitrodimethylamine	0.14	µg/L	0.01	0.0051	85	

Analytical Results for Sampling Events at PFE-7

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/19/2026	8260	2601190736	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.5	ug/L	1.0	0.20		
1/19/2026	8260	2601190736	Trichloroethene (TCE)	5	ug/L	1.0	0.20		
1/19/2026	8260	2601190736	Trichlorofluoromethane (CFC 11)	4.2	ug/L	1.0	0.24		
1/19/2026	8260	2601190737	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.7	ug/L	1.0	0.20		
1/19/2026	8260	2601190737	Tetrachloroethene (PCE)	0.23	ug/L	1.0	0.21		J
1/19/2026	8260	2601190737	Trichloroethene (TCE)	5.1	ug/L	1.0	0.20		
1/19/2026	8260	2601190737	Trichlorofluoromethane (CFC 11)	4.6	ug/L	1.0	0.24		
1/19/2026	NDMA_LL	2601190740	N-Nitrosodimethylamine	2.5	ng/L	0.48	0.35		
1/19/2026	NDMA_LL	2601190740	N-Nitrodimethylamine	0.79	ng/L	0.48	0.34		

Appendix A.5
MPITS Indicator Parameters

Summary of Water Quality Parameters
for the Mid-plume Sampling Events in this Reporting Period

Well ID	B655-EFF-2	Event Date	11/7/2025	
Sample	**Parameter**		**Result**	**Units**
2511070540	Conductivity		1059	µS/cm
2511070540	DTW			ft
2511070540	pH		8.31	NA
2511070540	Temperature		23.1	ºC
2511070540	Turbidity		0.64	NTU

Well ID	B655-EFF-2	Event Date	12/5/2025	
Sample	**Parameter**		**Result**	**Units**
2512050548	Conductivity		1066	µS/cm
2512050548	pH		8.48	NA
2512050548	Temperature		20.3	ºC
2512050548	Turbidity		0.64	NTU

Well ID	B655-EFF-2	Event Date	1/16/2026	
Sample	**Parameter**		**Result**	**Units**
2601160530	Conductivity		1310	µS/cm
2601160530	pH		8.35	NA
2601160530	Temperature		21.9	ºC
2601160530	Turbidity		0.83	NTU

Well ID	B655-INF-2	Event Date	11/7/2025	
Sample	**Parameter**		**Result**	**Units**
2511070554	Conductivity		1052	µS/cm
2511070554	DTW			ft
2511070554	pH		7.21	NA
2511070554	Temperature		24.1	ºC
2511070554	Turbidity		0.34	NTU

Well ID	B655-INF-2	Event Date	12/5/2025	
Sample	**Parameter**		**Result**	**Units**
2512050600	Conductivity		1046	µS/cm
2512050600	pH		7.22	NA
2512050600	Temperature		19.9	ºC
2512050600	Turbidity		0.30	NTU

Well ID	B655-INF-2	Event Date	1/16/2026	
Sample	**Parameter**		**Result**	**Units**
2601160550	Conductivity		1070	µS/cm
2601160550	pH		7.14	NA
2601160550	Temperature		22.2	ºC
2601160550	Turbidity		0.52	NTU

Well ID	MPE-1	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511110800	Conductivity		1146	µS/cm
2511110800	DTW			ft
2511110800	pH		7.28	NA
2511110800	Temperature		22.3	ºC
2511110800	Turbidity		1.15	NTU

Well ID	MPE-10	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511110944	Conductivity		999	µS/cm
2511110944	DTW			ft
2511110944	pH		7.52	NA
2511110944	Temperature		19.2	ºC
2511110944	Turbidity		1.82	NTU

Well ID	MPE-11	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511110824	Conductivity		845	µS/cm
2511110824	DTW			ft
2511110824	pH		7.47	NA
2511110824	Temperature		23.3	ºC
2511110824	Turbidity		2.15	NTU

Well ID	MPE-3	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511110850	Conductivity		1006	µS/cm
2511110850	DTW			ft
2511110850	pH		7.15	NA
2511110850	Temperature		18.9	ºC
2511110850	Turbidity		1.24	NTU

Well ID	MPE-4	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511110904	Conductivity		1086	µS/cm
2511110904	DTW			ft
2511110904	pH		7.22	NA
2511110904	Temperature		20.6	ºC
2511110904	Turbidity		2.58	NTU

Well ID	MPE-9	Event Date	11/11/2025	
Sample	**Parameter**		**Result**	**Units**
2511110929	Conductivity		1007	µS/cm
2511110929	DTW			ft
2511110929	pH		7.34	NA
2511110929	Temperature		19.1	ºC
2511110929	Turbidity		3.07	NTU

Appendix A.6
MPITS Analytical Data

Detections for MPITS Sampling Events in this Reporting Period

Analytical Results for Sampling Events at B655-EFF-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/7/2025	8260_LL	2511070542	Trichlorofluoromethane (CFC 11)	3.8	ug/L	0.50	0.24		
11/7/2025	8260_LL	2511070542	Carbon Dioxide	57	ug/L	NA	NA		J TIC RB
11/7/2025	8260_LL	2511070542	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.6	ug/L	0.50	0.20		
11/7/2025	8260_LL	2511070542	Trichloroethene (TCE)	0.52	ug/L	0.50	0.20		
11/7/2025	NDMA_LL	2511070545	N-Nitrosodimethylamine	0.4	ng/L	0.49	0.35		J RB FB
12/5/2025	8260_LL	2512050550	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.99	ug/L	0.50	0.20		
12/5/2025	8260_LL	2512050550	Trichlorofluoromethane (CFC 11)	0.37	ug/L	0.50	0.24		J
12/5/2025	8260_LL	2512050550	Carbon Dioxide	63	ug/L	NA	NA		J TIC RB FB
12/5/2025	8260_LL	2512050550	Sulfur Dioxide	1.8	ug/L	NA	NA		J TIC FB
1/16/2026	607	2601160533	Bromacil	0.005	µg/L	0.01	0.0051	130	J
1/16/2026	8270	2601160536	1,4-Dioxane	0.27	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160536	1,4-Dioxane	0.27	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160536	1,4-Dioxane	0.27	ug/L	0.040	0.035		RB
1/16/2026	METALS	2601160537	Copper, Total	0.007	mg/L	0.020	0.004		J
1/16/2026	METALS	2601160537	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160537	Potassium, Total	5.9	mg/L	2.0	0.4		
1/16/2026	METALS	2601160537	Strontium, Total	2.62	mg/L	0.10	0.002		
1/16/2026	METALS	2601160537	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160537	Zinc, Total	0.052	mg/L	0.020	0.003		
1/16/2026	METALS	2601160537	Arsenic, Total	0.001	mg/L	0.0010	0.0004		J
1/16/2026	METALS	2601160537	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160537	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160537	Calcium, Total	111	mg/L	1.0	0.3		
1/16/2026	METALS	2601160537	Magnesium, Total	59.3	mg/L	1.0	0.03		
1/16/2026	METALS	2601160537	Molybdenum, Total	0.01	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160537	Nickel, Total	0.053	mg/L	0.040	0.003		
1/16/2026	METALS	2601160537	Potassium, Total	5.9	mg/L	2.0	0.4		
1/16/2026	METALS	2601160537	Sodium, Total	53.5	mg/L	1.0	0.5		
1/16/2026	METALS	2601160537	Nickel, Total	0.053	mg/L	0.040	0.003		
1/16/2026	METALS	2601160537	Thallium, Total	0.00007	mg/L	0.0010	0.00004		J
1/16/2026	METALS	2601160537	Sodium, Total	53.5	mg/L	1.0	0.5		
1/16/2026	METALS	2601160537	Zinc, Total	0.052	mg/L	0.020	0.003		
1/16/2026	METALS	2601160537	Strontium, Total	2.62	mg/L	0.10	0.002		

Analytical Results for Sampling Events at B655-EFF-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/16/2026	METALS	2601160537	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160537	Thallium, Total	0.00007	mg/L	0.0010	0.00004		J
1/16/2026	METALS	2601160537	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160537	Molybdenum, Total	0.01	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160537	Calcium, Total	111	mg/L	1.0	0.3		
1/16/2026	METALS	2601160537	Copper, Total	0.007	mg/L	0.020	0.004		J
1/16/2026	METALS	2601160537	Magnesium, Total	59.3	mg/L	1.0	0.03		
1/16/2026	METALS	2601160537	Molybdenum, Total	0.01	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160537	Nickel, Total	0.053	mg/L	0.040	0.003		
1/16/2026	METALS	2601160537	Potassium, Total	5.9	mg/L	2.0	0.4		
1/16/2026	METALS	2601160537	Sodium, Total	53.5	mg/L	1.0	0.5		
1/16/2026	METALS	2601160537	Strontium, Total	2.62	mg/L	0.10	0.002		
1/16/2026	METALS	2601160537	Copper, Total	0.007	mg/L	0.020	0.004		J
1/16/2026	METALS	2601160537	Arsenic, Total	0.001	mg/L	0.0010	0.0004		J
1/16/2026	METALS	2601160537	Thallium, Total	0.00007	mg/L	0.0010	0.00004		J
1/16/2026	METALS	2601160537	Magnesium, Total	59.3	mg/L	1.0	0.03		
1/16/2026	METALS	2601160537	Calcium, Total	111	mg/L	1.0	0.3		
1/16/2026	METALS	2601160537	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160537	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160537	Arsenic, Total	0.001	mg/L	0.0010	0.0004		J
1/16/2026	METALS	2601160537	Zinc, Total	0.052	mg/L	0.020	0.003		
1/16/2026	METALS	2601160537	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160538	Sodium, Total	53.7	mg/L	1.0	0.5		
1/16/2026	METALS	2601160538	Strontium, Total	2.62	mg/L	0.10	0.002		
1/16/2026	METALS	2601160538	Strontium, Total	2.62	mg/L	0.10	0.002		
1/16/2026	METALS	2601160538	Calcium, Total	112	mg/L	1.0	0.3		
1/16/2026	METALS	2601160538	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160538	Zinc, Total	0.01	mg/L	0.020	0.003		J
1/16/2026	METALS	2601160538	Arsenic, Total	0.001	mg/L	0.0010	0.0004		
1/16/2026	METALS	2601160538	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160538	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160538	Thallium, Total	0.00004	mg/L	0.0010	0.00004		J
1/16/2026	METALS	2601160538	Magnesium, Total	59.5	mg/L	1.0	0.03		
1/16/2026	METALS	2601160538	Molybdenum, Total	0.01	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160538	Nickel, Total	0.043	mg/L	0.040	0.003		
1/16/2026	METALS	2601160538	Sodium, Total	53.7	mg/L	1.0	0.5		
1/16/2026	METALS	2601160538	Thallium, Total	0.00004	mg/L	0.0010	0.00004		J
1/16/2026	METALS	2601160538	Vanadium, Total	0.003	mg/L	0.050	0.0007		J

Analytical Results for Sampling Events at B655-EFF-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/16/2026	METALS	2601160538	Zinc, Total	0.01	mg/L	0.020	0.003		J
1/16/2026	METALS	2601160538	Arsenic, Total	0.001	mg/L	0.0010	0.0004		
1/16/2026	METALS	2601160538	Potassium, Total	5.9	mg/L	2.0	0.4		
1/16/2026	METALS	2601160538	Potassium, Total	5.9	mg/L	2.0	0.4		
1/16/2026	METALS	2601160538	Magnesium, Total	59.5	mg/L	1.0	0.03		
1/16/2026	METALS	2601160538	Nickel, Total	0.043	mg/L	0.040	0.003		
1/16/2026	METALS	2601160538	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160538	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160538	Calcium, Total	112	mg/L	1.0	0.3		
1/16/2026	METALS	2601160538	Molybdenum, Total	0.01	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160538	Nickel, Total	0.043	mg/L	0.040	0.003		
1/16/2026	METALS	2601160538	Potassium, Total	5.9	mg/L	2.0	0.4		
1/16/2026	METALS	2601160538	Sodium, Total	53.7	mg/L	1.0	0.5		
1/16/2026	METALS	2601160538	Strontium, Total	2.62	mg/L	0.10	0.002		
1/16/2026	METALS	2601160538	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160538	Zinc, Total	0.01	mg/L	0.020	0.003		J
1/16/2026	METALS	2601160538	Molybdenum, Total	0.01	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160538	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160538	Arsenic, Total	0.001	mg/L	0.0010	0.0004		
1/16/2026	METALS	2601160538	Calcium, Total	112	mg/L	1.0	0.3		
1/16/2026	METALS	2601160538	Magnesium, Total	59.5	mg/L	1.0	0.03		
1/16/2026	METALS	2601160538	Thallium, Total	0.00004	mg/L	0.0010	0.00004		J
1/16/2026	METALS	2601160538	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	ANIONS	2601160539	Chloride	49.2	mg/L	2.0	0.5		
1/16/2026	ANIONS	2601160539	Fluoride, undistilled	0.67	mg/L	0.10	0.010		
1/16/2026	ANIONS	2601160539	Chloride	49.2	mg/L	2.0	0.5		
1/16/2026	ANIONS	2601160539	Alkalinity, Total as CaCO3	249	mg/L	2.0	1.8		
1/16/2026	ANIONS	2601160539	Sulfate	277	mg/L	20	4		
1/16/2026	ANIONS	2601160539	Fluoride, undistilled	0.67	mg/L	0.10	0.010		
1/16/2026	ANIONS	2601160539	Chloride	49.2	mg/L	2.0	0.5		
1/16/2026	ANIONS	2601160539	Alkalinity, Total as CaCO3	249	mg/L	2.0	1.8		
1/16/2026	ANIONS	2601160539	Fluoride, undistilled	0.67	mg/L	0.10	0.010		
1/16/2026	ANIONS	2601160539	Alkalinity, Total as CaCO3	249	mg/L	2.0	1.8		
1/16/2026	ANIONS	2601160539	Sulfate	277	mg/L	20	4		
1/16/2026	ANIONS	2601160539	Sulfate	277	mg/L	20	4		
1/16/2026	SM2540C	2601160540	Total Dissolved Solids (TDS)	798	mg/L	11	10		
1/16/2026	SM2540C	2601160540	Total Dissolved Solids (TDS)	798	mg/L	11	10		

Analytical Results for Sampling Events at B655-EFF-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/16/2026	SM2540C	2601160540	Total Dissolved Solids (TDS)	798	mg/L	11	10		
1/16/2026	6850	2601160541	Perchlorate	0.5	ug/L	0.20	0.10		
1/16/2026	353.2	2601160542	Nitrate+Nitrite as Nitrogen	2.3	mg/L	0.25	0.008		
1/16/2026	353.2	2601160542	Nitrate+Nitrite as Nitrogen	2.3	mg/L	0.25	0.008		
1/16/2026	353.2	2601160542	Nitrate+Nitrite as Nitrogen	2.3	mg/L	0.25	0.008		

Analytical Results for Sampling Events at B655-INF-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/7/2025	8260	2511070555	1,1,2-Trichloro-1,2,2-Trifluoroethane	180	ug/L	2.0	0.40		D
11/7/2025	8260	2511070555	Dichlorofluoromethane (CFC 21)	2.1	ug/L	1.0	0.20		
11/7/2025	8260	2511070555	Tetrachloroethene (PCE)	2.8	ug/L	1.0	0.21		
11/7/2025	8260	2511070555	Trichloroethene (TCE)	47	ug/L	1.0	0.20		
11/7/2025	8260	2511070555	Trichlorofluoromethane (CFC 11)	120	ug/L	1.0	0.24		
11/7/2025	8260	2511070555	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.6	ug/L	1.0	0.20		
11/7/2025	8260	2511070555	Benzene, 1-bromo-3-fluoro-	23	ug/L	NA	NA		J TIC RB
11/7/2025	607	2511070557	N-Nitrodimethylamine	1.09	µg/L	0.01	0.005	139	
11/7/2025	607	2511070557	Bromacil	0.18	µg/L	0.01	0.005	216	
11/7/2025	607	2511070557	N-Nitrosodimethylamine	2.03	µg/L	0.01	0.005	100	
12/5/2025	8260	2512050603	Carbon Dioxide	60	ug/L	NA	NA		J TIC RB FB
12/5/2025	8260	2512050603	Dichlorofluoromethane (CFC 21)	1.5	ug/L	5.0	1.0		D J
12/5/2025	8260	2512050603	Tetrachloroethene (PCE)	2.4	ug/L	5.0	1.1		D J
12/5/2025	8260	2512050603	Trichloroethene (TCE)	44	ug/L	5.0	1.0		D
12/5/2025	8260	2512050603	Trichlorofluoromethane (CFC 11)	93	ug/L	5.0	1.2		D
12/5/2025	8260	2512050603	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.4	ug/L	5.0	1.0		D J
12/5/2025	8260	2512050603	1,1,2-Trichloro-1,2,2-Trifluoroethane	220	ug/L	5.0	1.0		D
12/5/2025	607	2512050605	Bromacil	0.14	µg/L	0.01	0.005	138	
12/5/2025	607	2512050605	N-Nitrosodimethylamine	1.54	µg/L	0.01	0.005	51	
12/5/2025	607	2512050605	N-Nitrodimethylamine	1.1	µg/L	0.01	0.005	96	
1/16/2026	8260	2601160551	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.9	ug/L	1.0	0.20		
1/16/2026	8260	2601160551	1,1,2-Trichloro-1,2,2-Trifluoroethane	240	ug/L	1.0	0.20		G
1/16/2026	8260	2601160551	1,1-Dichloroethene	0.85	ug/L	1.0	0.20		J
1/16/2026	8260	2601160551	Tetrachloroethene (PCE)	3.3	ug/L	1.0	0.21		
1/16/2026	8260	2601160551	Trichlorofluoromethane (CFC 11)	120	ug/L	1.0	0.24		
1/16/2026	8260	2601160551	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
1/16/2026	8260	2601160552	1,1,2-Trichloro-1,2,2-Trifluoroethane	220	ug/L	1.0	0.20		G
1/16/2026	8260	2601160552	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.5	ug/L	1.0	0.20		
1/16/2026	8260	2601160552	L-Cysteine sulfinic acid	3.9	ug/L	NA	NA		J TIC
1/16/2026	8260	2601160552	1,1-Dichloroethene	0.7	ug/L	1.0	0.20		J
1/16/2026	8260	2601160552	Tetrachloroethene (PCE)	3	ug/L	1.0	0.21		
1/16/2026	8260	2601160552	Trichloroethene (TCE)	59	ug/L	1.0	0.20		
1/16/2026	8260	2601160552	Trichlorofluoromethane (CFC 11)	110	ug/L	1.0	0.24		
1/16/2026	607	2601160554	N-Nitrodimethylamine	1.03	µg/L	0.01	0.005	85	
1/16/2026	607	2601160554	Bromacil	0.15	µg/L	0.01	0.005	130	

Analytical Results for Sampling Events at B655-INF-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/16/2026	607	2601160554	N-Nitrosodimethylamine	1.38	µg/L	0.01	0.005	42	
1/16/2026	8270	2601160555	1,4-Dioxane	0.4	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160555	1,4-Dioxane	0.4	ug/L	0.040	0.035		RB
1/16/2026	8270	2601160555	1,4-Dioxane	0.4	ug/L	0.040	0.035		RB
1/16/2026	METALS	2601160556	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160556	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160556	Nickel, Total	0.052	mg/L	0.040	0.003		
1/16/2026	METALS	2601160556	Potassium, Total	5.6	mg/L	2.0	0.4		
1/16/2026	METALS	2601160556	Sodium, Total	52.2	mg/L	1.0	0.5		
1/16/2026	METALS	2601160556	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160556	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160556	Calcium, Total	115	mg/L	1.0	0.3		
1/16/2026	METALS	2601160556	Magnesium, Total	60.8	mg/L	1.0	0.03		
1/16/2026	METALS	2601160556	Molybdenum, Total	0.011	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160556	Nickel, Total	0.052	mg/L	0.040	0.003		
1/16/2026	METALS	2601160556	Potassium, Total	5.6	mg/L	2.0	0.4		
1/16/2026	METALS	2601160556	Molybdenum, Total	0.011	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160556	Strontium, Total	2.64	mg/L	0.10	0.002		
1/16/2026	METALS	2601160556	Strontium, Total	2.64	mg/L	0.10	0.002		
1/16/2026	METALS	2601160556	Sodium, Total	52.2	mg/L	1.0	0.5		
1/16/2026	METALS	2601160556	Nickel, Total	0.052	mg/L	0.040	0.003		
1/16/2026	METALS	2601160556	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
1/16/2026	METALS	2601160556	Magnesium, Total	60.8	mg/L	1.0	0.03		
1/16/2026	METALS	2601160556	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
1/16/2026	METALS	2601160556	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160556	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160556	Calcium, Total	115	mg/L	1.0	0.3		
1/16/2026	METALS	2601160556	Molybdenum, Total	0.011	mg/L	0.025	0.003		J RB
1/16/2026	METALS	2601160556	Potassium, Total	5.6	mg/L	2.0	0.4		
1/16/2026	METALS	2601160556	Sodium, Total	52.2	mg/L	1.0	0.5		
1/16/2026	METALS	2601160556	Strontium, Total	2.64	mg/L	0.10	0.002		
1/16/2026	METALS	2601160556	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
1/16/2026	METALS	2601160556	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
1/16/2026	METALS	2601160556	Barium, Total	0.034	mg/L	0.020	0.003		
1/16/2026	METALS	2601160556	Boron, Total	0.11	mg/L	0.20	0.02		J
1/16/2026	METALS	2601160556	Calcium, Total	115	mg/L	1.0	0.3		
1/16/2026	METALS	2601160556	Magnesium, Total	60.8	mg/L	1.0	0.03		

Analytical Results for Sampling Events at B655-INF-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
1/16/2026	ANIONS	2601160557	Sulfate	289	mg/L	20	4		
1/16/2026	ANIONS	2601160557	Alkalinity, Total as CaCO3	246	mg/L	2.0	1.8		
1/16/2026	ANIONS	2601160557	Alkalinity, Total as CaCO3	246	mg/L	2.0	1.8		
1/16/2026	ANIONS	2601160557	Sulfate	289	mg/L	20	4		
1/16/2026	ANIONS	2601160557	Fluoride, undistilled	0.73	mg/L	0.10	0.010		
1/16/2026	ANIONS	2601160557	Chloride	51.3	mg/L	2.0	0.5		
1/16/2026	ANIONS	2601160557	Fluoride, undistilled	0.73	mg/L	0.10	0.010		
1/16/2026	ANIONS	2601160557	Alkalinity, Total as CaCO3	246	mg/L	2.0	1.8		
1/16/2026	ANIONS	2601160557	Fluoride, undistilled	0.73	mg/L	0.10	0.010		
1/16/2026	ANIONS	2601160557	Chloride	51.3	mg/L	2.0	0.5		
1/16/2026	ANIONS	2601160557	Chloride	51.3	mg/L	2.0	0.5		
1/16/2026	ANIONS	2601160557	Sulfate	289	mg/L	20	4		
1/16/2026	SM2540C	2601160558	Total Dissolved Solids (TDS)	816	mg/L	11	10		
1/16/2026	SM2540C	2601160558	Total Dissolved Solids (TDS)	816	mg/L	11	10		
1/16/2026	SM2540C	2601160558	Total Dissolved Solids (TDS)	816	mg/L	11	10		
1/16/2026	6850	2601160559	Perchlorate	0.51	ug/L	0.20	0.10		
1/16/2026	353.2	2601160600	Nitrate+Nitrite as Nitrogen	2.49	mg/L	0.25	0.008		
1/16/2026	353.2	2601160600	Nitrate+Nitrite as Nitrogen	2.49	mg/L	0.25	0.008		
1/16/2026	353.2	2601160600	Nitrate+Nitrite as Nitrogen	2.49	mg/L	0.25	0.008		

Analytical Results for Sampling Events at MPE-1

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511110801	Trichloroethene (TCE)	78	ug/L	1.0	0.20		
11/11/2025	8260	2511110801	1,1-Dichloroethene	1.1	ug/L	1.0	0.20		
11/11/2025	8260	2511110801	1,1,2-Trichloro-1,2,2-Trifluoroethane	360	ug/L	1.0	0.20		G A
11/11/2025	8260	2511110801	Sulfur Dioxide	3	ug/L	NA	NA		J TIC RB FB
11/11/2025	8260	2511110801	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.6	ug/L	1.0	0.20		
11/11/2025	8260	2511110801	cis-1,2-Dichloroethene	0.34	ug/L	1.0	0.23		J
11/11/2025	8260	2511110801	Tetrachloroethene (PCE)	4.2	ug/L	1.0	0.21		
11/11/2025	8260	2511110801	Dichlorofluoromethane (CFC 21)	1.7	ug/L	1.0	0.20		
11/11/2025	8260	2511110801	Trichlorofluoromethane (CFC 11)	150	ug/L	1.0	0.24		A
11/11/2025	607	2511110803	N-Nitrosodimethylamine	4.48	µg/L	0.01	0.0052	54	
11/11/2025	607	2511110803	N-Nitrodimethylamine	2.46	µg/L	0.01	0.0052	84	
11/11/2025	607	2511110803	Bromacil	0.36	µg/L	0.01	0.0052	110	

Analytical Results for Sampling Events at MPE-10

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511110945	1,1,2-Trichloro-1,2,2-Trifluoroethane	290	ug/L	2.5	0.50		D
11/11/2025	8260	2511110945	Carbon Dioxide	8.5	ug/L	NA	NA		J TIC RB
11/11/2025	8260	2511110945	Carbon Dioxide	240	ug/L	NA	NA		J TIC RB
11/11/2025	8260	2511110945	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.4	ug/L	1.0	0.20		
11/11/2025	8260	2511110945	Trichlorofluoromethane (CFC 11)	100	ug/L	1.0	0.24		
11/11/2025	8260	2511110945	Trichloroethene (TCE)	56	ug/L	1.0	0.20		
11/11/2025	8260	2511110945	Dichlorofluoromethane (CFC 21)	1.9	ug/L	1.0	0.20		
11/11/2025	8260	2511110945	Sulfur Dioxide	7.7	ug/L	NA	NA		J TIC RB
11/11/2025	8260	2511110945	Tetrachloroethene (PCE)	2.9	ug/L	1.0	0.21		
11/11/2025	607	2511110947	Bromacil	0.18	µg/L	0.01	0.0051	110	
11/11/2025	607	2511110947	N-Nitrosodimethylamine	3.08	µg/L	0.01	0.0051	54	
11/11/2025	607	2511110947	N-Nitrodimethylamine	1.71	µg/L	0.01	0.0051	84	

Analytical Results for Sampling Events at MPE-11

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511110825	Sulfur Dioxide	2.5	ug/L	NA	NA		J TIC RB FB
11/11/2025	8260	2511110825	1,1,2-Trichloro-1,2,2-Trifluoroethane	19	ug/L	1.0	0.20		A
11/11/2025	8260	2511110825	Dichlorofluoromethane (CFC 21)	1	ug/L	1.0	0.20		
11/11/2025	8260	2511110825	Trichloroethene (TCE)	8	ug/L	1.0	0.20		
11/11/2025	8260	2511110825	Trichlorofluoromethane (CFC 11)	12	ug/L	1.0	0.24		A
11/11/2025	8260	2511110825	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.66	ug/L	1.0	0.20		J
11/11/2025	607	2511110827	Bromacil	0.01	µg/L	0.01	0.0051	110	
11/11/2025	607	2511110827	N-Nitrosodimethylamine	0.21	µg/L	0.01	0.0051	54	
11/11/2025	607	2511110827	N-Nitrodimethylamine	0.12	µg/L	0.01	0.0051	84	

Analytical Results for Sampling Events at MPE-3

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	607	2511110853	N-Nitrosodimethylamine	2.97	µg/L	0.01	0.0051	54	
11/11/2025	607	2511110853	N-Nitrodimethylamine	1.9	µg/L	0.01	0.0051	84	
11/11/2025	607	2511110853	Bromacil	0.22	µg/L	0.01	0.0051	110	
11/11/2025	607	2511110854	N-Nitrodimethylamine	1.91	µg/L	0.01	0.0051	84	
11/11/2025	607	2511110854	Bromacil	0.22	µg/L	0.01	0.0051	110	
11/11/2025	607	2511110854	N-Nitrosodimethylamine	2.99	µg/L	0.01	0.0051	54	

Analytical Results for Sampling Events at MPE-4

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511110905	1,1-Dichloroethene	0.66	ug/L	1.0	0.20		J
11/11/2025	8260	2511110905	Bromoform	0.25	ug/L	1.0	0.25		J
11/11/2025	8260	2511110905	Dichlorofluoromethane (CFC 21)	0.88	ug/L	1.0	0.20		J
11/11/2025	8260	2511110905	Tetrachloroethene (PCE)	3.2	ug/L	1.0	0.21		
11/11/2025	8260	2511110905	Trichloroethene (TCE)	72	ug/L	1.0	0.20		
11/11/2025	8260	2511110905	Trichlorofluoromethane (CFC 11)	82	ug/L	1.0	0.24		A
11/11/2025	8260	2511110905	cis-1,2-Dichloroethene	0.36	ug/L	1.0	0.23		J
11/11/2025	8260	2511110905	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.2	ug/L	1.0	0.20		
11/11/2025	8260	2511110905	Sulfur Dioxide	3.4	ug/L	NA	NA		J TIC RB QD
11/11/2025	8260	2511110905	1,1,2-Trichloro-1,2,2-Trifluoroethane	150	ug/L	1.0	0.20		A
11/11/2025	8260	2511110906	Trichlorofluoromethane (CFC 11)	89	ug/L	1.0	0.24		A
11/11/2025	8260	2511110906	Sulfur Dioxide	2	ug/L	NA	NA		J TIC RB QD
11/11/2025	8260	2511110906	cis-1,2-Dichloroethene	0.32	ug/L	1.0	0.23		J
11/11/2025	8260	2511110906	Trichloroethene (TCE)	69	ug/L	1.0	0.20		
11/11/2025	8260	2511110906	Dichlorofluoromethane (CFC 21)	0.94	ug/L	1.0	0.20		J
11/11/2025	8260	2511110906	1,1-Dichloroethene	0.63	ug/L	1.0	0.20		J
11/11/2025	8260	2511110906	1,1,2-Trichloro-1,2,2-Trifluoroethane	170	ug/L	1.0	0.20		A
11/11/2025	8260	2511110906	Tetrachloroethene (PCE)	3.2	ug/L	1.0	0.21		
11/11/2025	8260	2511110906	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.1	ug/L	1.0	0.20		
11/11/2025	607	2511110908	N-Nitrosodimethylamine	1.35	µg/L	0.01	0.005	54	
11/11/2025	607	2511110908	N-Nitrodimethylamine	1.03	µg/L	0.01	0.005	84	
11/11/2025	607	2511110908	Bromacil	0.34	µg/L	0.01	0.005	110	

Analytical Results for Sampling Events at MPE-9

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
11/11/2025	8260	2511110930	1,1,2-Trichloro-1,2,2-Trifluoroethane	360	ug/L	5.0	1.0		D
11/11/2025	8260	2511110930	Carbon Dioxide	1100	ug/L	NA	NA		J TIC RB
11/11/2025	8260	2511110930	Carbon Dioxide	53	ug/L	NA	NA		J TIC RB FB
11/11/2025	8260	2511110930	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.8	ug/L	5.0	1.0		D J
11/11/2025	8260	2511110930	Trichlorofluoromethane (CFC 11)	170	ug/L	5.0	1.2		D
11/11/2025	8260	2511110930	Trichloroethene (TCE)	91	ug/L	5.0	1.0		D
11/11/2025	8260	2511110930	Dichlorofluoromethane (CFC 21)	1.1	ug/L	5.0	1.0		D J
11/11/2025	8260	2511110930	Tetrachloroethene (PCE)	4.5	ug/L	5.0	1.1		D J
11/11/2025	607	2511110932	Bromacil	0.2	µg/L	0.01	0.005	110	
11/11/2025	607	2511110932	N-Nitrosodimethylamine	3.1	µg/L	0.01	0.005	54	
11/11/2025	607	2511110932	N-Nitrodimethylamine	1.76	µg/L	0.01	0.005	84	

Appendix B
Sampling Event Logbook Entries and Internal CoC Forms

AL MONTES & TONY TORREZ PRESENT. THE WEATHER IS CLEAR WARM. THIS WELL WILL BE PURGED & SAMPLED USING A DEDICATE PUMP. SAMPLES COLLECTED FROM A DEHP DISCHARGE TUBE. CARBOY 6-3

INITIAL	FINAL
251107 0955A	1015A
pH 7.64	7.70
TEMP 21.6	21.8
COND 3.18 ms/cm	3.25
TURB 4.58	4.29
ph pre 7.00/10.01	7.00/10.00
ph post 7.00/10.00	7.01/10.01
DTW 186.70	186.85

METER IDs
ph/cond # 18
Turb # 8
" std 9.30
" Rdg 9.43
" LOT# A50222
" Exp 11/30

IDW - 1gal

BUFFERS EXP
7 · CC810372 9-26
10 · CC806765 7-26

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	QNTY	LAB
251107 1000A	8260	ICE/HCl	(3) 40ml VIALS	ACS
— 1008A	" (FB)	"	"	"
— 1002A	" (Dup)	"	"	"
— 1003A	GRO	"	"	"
— 1004A	GOO7	ICE	(1) 500ml Amber	SNE
— 1005A	8270D	"	(2) "	ACS
— 1006A	TOTAL METALS	ICE/HNO3	(2) 125ml poly	BSI
— 1007A	DRO	ICE	(1) 500ml Amber	"

Continued from page NA

Read and Understood By

11-7-25 Pete Mundt 11-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-7-25 Page 1 of 1

Sample Location: 100-D-176

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8760	620	607	8270D	M541(S			Charge Number
										X6MD
251107 1000A	3		X							
1001A	3		X							
1002A	3		X							
1003A	3			X						
1004A	1				X					
1005A	2					X				
1006A	2						X			

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	D20							Charge Number
										XGMD
1007A	1		X							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. [illegible]	11-7-25 / 1100		[illegible]	11-10-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

11-12-25

PROJECT 200-I-300 WJI ENV-0020 Notebook No. D64 #134(Y)

Continued from page NA

Matt Garcia & AL montes present. Weather is clear & cool. This zone will be sampled using 5 triple rinsed stainless sample tubes. Surface checks performed on probe prior to sampling. Gen in use. Probe # 4755. PPE using hard Hat, Gloves, ~~Safety~~ Safety glasses.

Initial Parameters	Final
Time - 251112 1045Y	251112 1343Y
PH - 8.07	7.22
Temp - 19.9°C	21.3°C
Cond - 763 us/cm	817
Turb - 1.30	0.85 NTU's
PH pre - 7.00, 10.13 (18.7°C)	7.01, 10.05 (25.8°C)
" Post - " "	" "
ATMOS - 12.39 PS.a	12.36
DTW - 225.10 ft	225.50 ft.

Meter ID

PH/cond - 15
Turb - 6
" STD - 5.84 NTU
" RDG - 5.53 NTU
" LOT - A5022
" EXP - 11/30

Buffers

7 - CC8105T2 9/26
10 - CC8060765 7/26

30 min EQ Blanks

Sample	Analysis	Preserv	cont.	Lot	Lab
251112 1015Y	8260	Ice/HCL	(3) 40ML vials	2827	ALS
——— 1016Y	T. metals	Ice/HNO^3	(2) 125ML Pdy	5960550	"

Samples

Sample	Analysis	Preserv	cont	Lot	Lab
251112 1315Y	8260	ICE/HCL	(3) 40ML vials	2827	ALS
——— 1316Y	607	ICE	(1) 1L Amber	01199015	SRI
——— 1317Y	T. Metals	ICE/HNO^3	(2) 125ML Poly	5960550	ALS
——— 1335Y	Anions/ALK	ICE/zero H.S	(2) 125ML Poly	NA	ALS
——— 1336Y	Perchlorate	ICE/1/3 H.S.	(1) 125ML Poly	021025ZERO	ALS

Runs -	1)	2)	3)
	48.73	48.68	48.63
	63.87	63.75	63.72
	63.69	63.68	63.66
	48.76	48.71	48.66

Continued from page

Read and Understood By

Matt Garcia 11-12-25

Tom Munck 11-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-12-25 Page 1 of 1

Sample Location: 200-I-300

Sample Number	# of Containers	Sample Matrix*	8260	6007	T. metals	Anions/ALK	Perchlorate			Charge Number
251112 1015Y	3	A	X							XGMD
1016Y	2				X					
1315Y	3		X							
1316Y	1			X						
1317Y	2				X					
1335Y	2					X				
1336Y	1						X			

Sample Location:

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Hance	11-12-25 1400hrs			11-13-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

AI MONTES & TIM KONDY PRESENT. WEATHER IS WARM & CLEAR. THIS ZON WILL BE SAMPLED WITH 5 TRIPCE RINSED STAINLESS TUBES. PROBE #4755. SURFACE CHECKS DONE ON PROBE PRIOR. CARBOY G-1.

INITIAL PARAMETERS	FINAL	METER ID	BUFFERS	EXP
TIME : 251112 0855Y	251112 0928Y	PH/COND : 15	7 = CC810572	9·26
PH : 8.06	7.42	TURB MTR : 6	10 = CC806765	7·26
TEMP : 18.6 °C	20.2 °C	" STD : 5.84 NTU		
COND : 975 us/cm	1006 us/cm	" RDG : 5.72 NTU		
TURB : 1.19 NTU's.	0.60	" LOT#: A5022		
PH PRE : 6.98, 10.23 (13.8°C)	7.07, 10.14 (16.0°C)	EXP : 11·30		
PH POST : " "	" "			
DTW : 224.81 FT	225.10			
ATMOS: 12.42 psia	12.41 psia			

30 MIN EQUIP BLANKS

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251111 1310Y	8260	ICE·HCL	3·40ML VIALS	2827	ACS
—— 1312Y	607	ICE	500ML AMBER	01199015	SRI

SAMPLES

251112 0923Y	8260	ICE·HCL	3·40ML VIALS	2827	ACS
—— 0924Y	607	ICE	500ML AMBER	01199015	SRI
—— 0925Y	TOTAL METALS	ICE·HNO_3	2·125ML POLY	596550	ACS

Runs - 1) 81.49 2) 81.39
98.17 97.24
97.16 96.89
81.47 81.22

Continued from page

Read and Understood By

Matt Gonzales 11-12-25 Pam Munds 11-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11·11·25 Page 1 of 1

Sample Location: 200·1·375

Analytical Requirement: 8260, 6007

Charge Number: XGMD

Sample Number	# of Containers	Sample Matrix*	8260	6007						Charge Number
251111 1310y EB	3	A	X							
1312y EB	1	A		X						

Sample Location:

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11·11·25 1400			11-12-25 /0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-12-25 Page 1 of 1

Sample Location: 200-I-375

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	T. Metals					Charge Number
251112 0923 Y	3	A	X							XGMD
0924 Y	1	↓		X						↓
0925 Y	2	↓			X					↓

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Hance	11-12-25 1400hrs		[signature]	11-13-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

PROJECT 200·1·490 WJ1:ENV·0020

Notebook No. D64#134y

Continued from page NA

AL MONTES & MATT GARCIA PRESENT, WEATHER IS COOL & CLEAR. THIS ZONE WILL BE SAMPLED W/ 5 TRIPLE RINSED STAINLESS TUBES. PROBE #4755. SURFACE CHECKS DONE ON PROBE PRIOR. CARBOY G·1.

INITIAL PARAMETERS	FINAL
TIME : 251111 1029y	251111 1220y
PH : 7.86	7.85
TEMP : 21.0 °C	21.2 °C
COND : 996 uS/cm	990 uS/cm
TURB : 1.79 NTU	1.81 NTU
PH PRE : 7.01-10.03 (14.9°)	7.01.10.02
PH POST : 7.02-10.05	7.01-10.03
DTW : 223.85 FT.	223.93 FT
ATMOS : 12.41 PSIA	12.42 PSIA

METER I.D — BUFFERS — EXP

PH/COND : 15 — 7·CC810377 — 9·26

TURB MTR: 6 — 10·CC806765 — 7·26

" STD: 5.84 NTU

" DOG: 5.72 NTU

" LOT#: A5022

" EXP: 11.30

30 MIN EQUIP. BLKS

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251111 0945y	8260	ICE·HCL	3·40ml VIALS	2827	ACS
——— 0948y	TOTAL METALS	ICE-HNO3	2·125ml Poly	596550	"

SAMPLES

251111 1140y	8260	ICE·HCL	3·40ml VIALS	2827	ACS
——— 1144y	6010	ICE	500ml AMBER	01199015	SRL
——— 1148	TOTAL METALS	ICE HNO3	2·125ml Poly	596550	ACS

RUN 1) 131.52 2) 131.49 3) 131.48

175.40 175.38 175.38

175.30 175.39 175.36

131.50 131.49 131.47

Continued from page NA

Read and Understood By

11-11-25

11-12-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.11.25 Page 1 of 1

Sample Location: 200.1.675

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: TDS	PERCH.	NO2 NO3					Charge Number
										XGMD
2511110855y	1	A	X							
0857y	1	A		X						
0900y	1	A			X					

Sample Location: 200.1.490

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	T. METAL					Charge Number
										XGMD
2511110945y EB	3	A	X							
0948y EB	2				X					
1140y	3		X							
1144y	1			X						
1148y	2				X					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11.11.25 1400			11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AI MONTES & MATT GARCIA PRESENT. WEATHER IS COLD & CLEAR. THIS ZONE WILL BE SAMPLED USING STRIPPED RINSED STAINLESS TUBES. PROBE #4755 SURFACE CHECKS DONE ON PROBE PRIOR TO SAMPLING.

INITIAL PARAMETERS		FINAL	METER / Δ	BUFFERS	EXP
TIME : 251110 1355y		251110 1410y	PH/COND : 15	7 - CC810372	9.26
PH : 7.69		7.58	TURB MTR: 6	10 - CC806765	7.26
TEMP: 21.3	°C	21.1 °C	" STD: 5.84 NTU		
COND : 1177	uS/cm	1165 uS/cm	" RAG: 5.70 NTU		
TURB : 0.97	NTU	1.11 NTU	" LOT#: A5022		
PHPRE : 7.02 - 10.03 (18.3°C)		7.02 - 10.01	" EXP: 11.30		
PHPOST: 7.03 - 10.03		7.01 - 10.04			
DTW : 223.72 FT		223.85 FT			
ATMOS: 12.42 PSIA		12.41 PSIA			

30 MIN EQUIP BLANKS

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251110 1325y	8260	ICE · HCL	3 · 40 mL VIALS	2827	ALS

SOURCES

251110 1430y	8260	ICE · HCL	3 · 40mL VIALS	2827	ALS
——— 1432y	6007	ICE	500mL AMBER	01199015	SRL
——— 1435y	TOTAL METALS	ICE · HNO_3	2 · 125mL Poly	596550	ALS
——— 1438y	ANIONS · ALK	ICE · OHEAD	"	NR	"
——— 110855y	TDS	ICE ·	250mL Poly	052024 · ZERO	"
——— 110857y	PERCHLORATE	ICE · ⅔ FULL	125mL Poly	021025 - ZERO	"
——— 110900y	NO_2NO_3	ICE · H_2SO_4	125mL Poly	021725 · ZERO	"

RUN	1)	2)	3)
	211.42	211.38	211.27
	254.65	254.63	254.61
	254.13	254.32	254.51
	211.44	211.38	211.24

*DEEP ZONE, SLOW DRAIN.

Continued from page NA

11.11.25

Read and Understood By

11-12-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.10.25 Page 1 of 1

Sample Location: 200.1.675

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	607	T. METALS	ANIONS	TDS	PERCH.		Charge Number
										XGMD
251110 1325 (EB)	3	A	x							
1430 y	3	A	x							
1432 y	1	A		x						
1435 y	2	A			x					
1438 y	2	A				x				
	1	A					x			
	1	A						x		

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11.10.25 3:10			11-11-25 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.11.25 Page 1 of 1

Sample Location: 200.1.675

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: TDS	PERCH.	NO2 NO3					Charge Number
251111 0855y	1	A	X							XGMD
0857y	1	A		X						
0900y	1	A			X					

Sample Location: 200.1.490

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	T. METAL					Charge Number
251111 0945y EB	3	A	X							XGMD
0948y EB	2				X					
1140y	3		X							
1144y	1			X						
1148y	2				X					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11.11.25 1400			11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AL MONTES & MATT GARCIA PRESENT. WEATHER IS COLD & CLEAR. THIS ZONE WILL BE SAMPLED USING 5 TRIPLE RINSED SAMPLE TUBES (STAINLESS) PROBE #4755. SURFACE CHECKS DONE ON PROBE PRIOR TO SAMPLING. CARBOY G-3

INITIAL PARAMETERS	FINAL
TIME : 251110094 7y	251110 1039y
PH : 7.91	7.93
TEMP : 20.2 °C	21.0 °C
COND : 1464 uS/cm	1459 uS/cm
TURB : 2.67 NTU	2.39 NTU
PH PRE : 7.01-10.04 (15.3°C)	7.01-10.04 (17.9°C)
PH POST : 7.02. 10.04	7.01-10.05
DTW : 223.61 FT	223.72 FT
ATMOS : 12.46 psia	12.42 psia

METER ID	BUFFERS	EXP
PH/COND : 15	7 - CC810312	9.26
TURB MTR : 6	10 - CC806765	7.26
" STD : 5.84 NTU		
" RDG : 5.70 NTU		
" LOT # : A5022		
" EXP : 11.30		

30 MIN EQUIPMENT BLANKS

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT #	LAB
251110 0900y	8260	ICE-HCL	40ML VIALS	2827	ALS

SAMPLES

251110 1019y	8260	ICE-HCL	3-40ML VIALS	2827	ALS
—— 1022y	607	ICE	500ML AMBER	01199015	SAI
—— 1024y	TOTAL METALS	ICE-HNO3	2-125ML POLY	596550	ALS

RUN 1) 263.12 2) 263.10
306.02 306.01
305.93 305.91
263.16 263.08

* 9TH BEEP, DRAINS SLOW.

Continued from page NA

Read and Understood By

11.10.25 11-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.10.25 Page 1 of 1

Sample Location: 200.1.795

Analytical Requirement: 8260 | 6707 | T. METAL | | | | |

Charge Number: XGMD

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	6707	T. METAL					Charge Number
251011 0900y (EB)	3	A	x							
1019y	3	A	x							
1022y	1	A		x						
1024y	2	A			x					

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11.10.25 11:05			11-11-25 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Robert Burrows & Craig DelFerraro present. Weather is clear & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP tubing. Carboy G2 in use. PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters
Time - 2511100950C
PH - 7.42
Temp - 20.8°C
Cond - 1637 us/cm
Turb - 1.03 NTU's
pH pre - 7.08/10.12 (14.0°C)
pH post - 7.07/10.10

Final
Time - 2511101008C
PH - 7.35
Temp - 21.0°C
Cond - 1624 us/cm
Turb - 0.90 NTU's
pH pre - 7.05/10.08 (16.3°C)
pH post - 7.04/10.08

Meter ID
pH/Cond - 18
Turb - 8
" Std - 9.30 NTU
" rdg - 9.36 NTU
" lot - A5022
" Exp - 11/30/25

Buffers	Lot	Ex
7	CC810372	9/
10	CC806765	7/

*No DTW - transducer in well.
*Well cap needed as this well.

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2511100951C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
—— 0952C	" (FB)	"	"	"	"
—— 0953C	607/Bromacil	ice	(1) 1L Amber	021990IJ	SRI
—— 0954C	Pesticides by 8081B	"	(1) 500ml amb	090522-1HY	ALS
—— 0955C	Herbicides by 8151A	"	"	"	"
—— 0956C	Dioxins/Furans by 8290	"	(1) 1L Amber	011990IJ	SRI
—— 0957C	SVOA by 8270D	"	(2) 500ml ambs	090522-1HY	ALS
—— 0958C	PCB's by 8082A	"	(1) 500ml amb.	"	"
—— 0959C	Phenolics by 9066	ice/H_2SO_4	(1) 250ml amb.	081024-1EKP	"
—— 1000C	Total Metals	ice/HNO_3	(2) 125ml poly's	031725-2AES	"
—— 1001C	" (FB)	"	"	"	"
—— 1002C	Anions/Alk.	ice	"	021025-2ERD	"
—— 1003C	TDS by SM2540C	"	(1) 250ml poly	081125-2ADD	"
—— 1004C	Perchlorate by 6850	"	(1) 125ml poly	072125-2ERD	"
—— 1005C	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	081125-1ELR	"
—— 1006C	Cyanide by 9012B	ice/NaOH	(1) 125ml vial	011823-3EGY	"
—— 1007C	Sulfide by 9030	ice/ZA/NaOH	(1) 500ml poly	120522-2ANR	"

*Total gallons purged: 1.5

Continued from page N/A

Read and Understood By

Craig DelFerraro 11/10/25 Date

Ron Munch 11-11-25 Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/10/25 Page 1 of 2

Sample Location: 400-C-143

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Pesticides	Herbicides	Dioxins/Furans	SVOA		Charge Number
251110951C		3	A	✓							XGMD
0952C (FB)		3	A	✓							"
0953C		1	A		✓						"
0954C		1	A			✓					"
0955C		1	A				✓				"
0956C		1	A					✓			"
0957C		2	A						✓		"

Sample Location: 400-C-143

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: PCBs	Phenolics	Total Metals	Anions/Alk.	TDS	Perchlorate		Charge Number
251110958C		1	A	✓							XGMD
0959C		1	A		✓						"
1000C		2	A			✓					"
1001C (FB)		2	A			✓					"
1002C		2	A				✓				"
1003C		1	A					✓			"
1004C		1	A						✓		"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelZenno	11/10/25/1045hrs.		[signature]	11-11-25/0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/10/25 Page 2 of 2

Sample Location: 400-C-143

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: NO2/NO3	Cyanide	Sulfide					Charge Number
251110 1005C	1	A	✓							XGMD
1006C	1	A		✓						"
1007C	1	A			✓					"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltzer	11/10/25 / 1045 hrs.		Jon Mauch	11-11-25 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters	
Time	- 2511070745
PH	- 8.35
Temp	- 24.2°C
Cond	- 979 uS/cm
Turb	- 0.53 NTU
PH pre	- 7.03 / 10.01 (21.1°C)
PH post	- 7.04 / 10.02

Meter ID		Buffers	lot	exp
PH/Cond	- Plume Front	7	CC810372	9/26
Turb	- Plume Front	10	CC806765	7/26
= STD	- 9.37 NTU			
= RDG	- ~~0.53 NTU~~ 8.78 NTU			
= LOT	- NA			
= EXP	- 11/30/25			

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2511070750	VOA by 8260LL	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0751	" (FB)	"	"	"	"
—— 0752	607/Bromacil	Ice	(1) 500 ml Amber	02199013	512-I
—— 0753	Low Level NDMA	"	(1) 1L Amber	01199013	"
—— 0754	" (FB)	"	"	"	"
—— 0755	PFAS EPA 1633	"	(2) 500 ml pl	L516701313	Pace

Continued from page

Read and Understood By

MJA 11/7/25 — Signed / Date

Jen Mundt 11-7-25 — Signed / Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/7/25 Page 1 of 1

Sample Location: 3650 . Eff . 1

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	VOA 8260	LL-VOA 8260LL	NDMA/DMNA/ BROMACIL 607	LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
2511070750	3	A		X						XGMD
0751 (FB)	3			X						
0752	1				X					
0753	1					X.				
0754 (FB)	1					X				

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270	PFAS				Charge Number
2511070755	2	A				X				XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MJ NB	11/7/25 @ 0830	[signature]	11-7-25 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		Meter ID		Buffers	lot	
Time	- 251107 0800	pH/Cond	· Plume Front	7	CC810372	9/26
pH	- 7.40	Turb	· Plume Front	10	CC806765	7/26
Temp	- 24.2 °C	= STD	· 9.37 NTU			
Cond	- 910 µS/cm	= RDG	· 8.78 NTU			
Turb	- 0.55 NTU	= LOT	- NA			
pH pre	- 7.04/10.01 (22.6°C)	= EXP	- 11/30/25			
pH post	- 7.03/10.02					

~~Parameters~~
Time -
pH - MD
Temp -
Cond -
Turb -
pH pre -
pH post -

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251107 0805	VOA 624 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
0806	= (dup)	=	=	=	=
0807	= (FB)	=	=	=	=
0808	607/Bromacil	Ice	(1) 500 ml Amber	07199015	SRL
0809	PFAS EPA 533	=	(2) 500 ml pl	L5167013B	PACE

Continued from page

Read and Understood By

MA CA 11/7/25

Pam Mundt 11-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/7/25 Page 1 of 1

Sample Location: B650 · Inf. 1

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 Low Level NDMA	Total Metals	Anions / Alk	TDS SM2540C	Charge Number
2511070805	3	A	X						XGMD
0806 (Dup)	3		X						
0807 (FB)	3		X						
0808	1				X				

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Perchlorate 1625b	NO_2/NO_3 353.2	SVOA-SIM 1,4 Dioxane 8270	PFAS				Charge Number
2511070809	2	A				X				XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MTH	11/7/25 @ 0830	[signature]	11-7-25 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		Meter ID			Buffers	lot	EXP
Time	- 2511070540	PH/Cond	-	Plume Front	7	CC810372	9/26
PH	- 8.31	Turb	-	Plume front	10	CC806765	7/26
Temp	- 23.1°C	= STD	-	9.37 NTU			
Cond	- 1059 uS/cm	= DOG	-	8.78 NTU			
Turb	- 0.64 NTU	= LOT	-	NA			
PH pre	- 7.04/10.04 (20.8°C)	= EXP	-	11/30/25			
PH post	- 7.05/10.03						

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2511070542	VOA by 8260LL	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0543	= (FB)	=	=	=	=
—— 0544	607/Bromacil	Ice	(1) 500 ml Amber	02199017	STL
—— 0545	Low Level NDMA	=	(1) 1L Amber	01148016	=
—— 0546	= (FB)	=	=	=	=
—— 0547	PFAS by EPA 1633	=	(2) 500 ml pl	LS16701BB	PACE

Continued from page

Read and Understood By

Signed 11/7/25 Date

Signed 11-7-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/7/25 Page 1 of 1

Sample Location: B655 · EFF · 2

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNJ/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number: XGMD
2511070542	3	A			X					
0543 (FB)	3				X					
0544	1					X				
0545	1						X			
0546 (FB)	1						X			

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270	PFAS				Charge Number: XGMD
2511070547	2	A					X				

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	11/7/25 @ 0650	[signature]	11-7-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		Meter ID		Buffers	lot	exp
Time	· 25110706554	PH/Cond	· Plume Front	7	cc810372	9/26
PH	· 7.21	Turb	· Plume Front	10	cc806765	7/26
Temp	· 24.1°C	: STD	· 9.37 NTU			
Cond	· 1052 uS/cm	: RDG	· 8.78 NTU			
Turb	· 0.34 NTU	: LOT	· NA			
PH pre	· 7.09 / 10.01 (21.0°C)	: EXP	· 11/30/25			
PH post	· 7.07 / 10.02					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
25110706555	VOA by 8260	HCl/Ice	(3) 40ml vials	2801	AC
—— 0556	: (FB)	:	:	:	:
—— 0557	607/Bromacil	Ice	(1) 500ml Amber	02199015	SDC
—— 0558	PFAS by EPA 1633	:	(2) 500ml pl	L516.70/BB	Pace

Continued from page

Read and Understood By

MJ GA 11/7/25

Ben Mumke 11-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/7/25 Page 1 of 1

Sample Location: B655 . Inf . 2

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 Low Level NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
2511070555	3	A		X						XGMD
0556 (FB)	3			X						1
0557	1					X				
~~0558 MD~~	2									

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 8270 1,4 DIOXANE	PFAS				Charge Number
2511070558	2	A					X				XGMD 1

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MD MD	11/7/25 @ 0650	[signature]	11-7-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Kosky + AL MONTES present. Weather is Warm and clear. Well will be sampled with 5 triple rinsed Stainless Steel sample tubes. Surface checks performed on probe # 4755 prior to Sampling. Generator in use Carboy # G2

30 min EB

Sample #	Analysis	Preserv	container	Lot #	Lab
251103 0915 y	8260	Ice HCL	(3) 40 ml Vial	2827	ALS

Initial Parameters

Time - 251103 0940 y
pH - 7.26
Temp - 23.5
cond - 992. us/cm
TURB - 3.11
pH precal - 7.09 - 10.05
pH postcal - 7.10 - 10.11
Δ4pos - 12.44 psig
DTW - 562.18 Ft

Final

251103 1025 y
7.30
23.7
981 us/cm
2.98
562.41 Ft.

Meter #

pH/cond - 15
TURB - 6
" STD - 13.9
" RDS - 13.7
" Lot # - A5052
" Exp. - 11-30-25

Buff	Lot #	Exp.
7	cc810322	9-26
10	cc806765	7-26

Samples

Sample #	Analysis	Preserv	cont.	Lot #	Lab
251103 1020y	8260	ice HCL	(3) 40 ml Vial	2827	ALS
— 1021 y	WDNR	ice	(1) 500 ml Amber	NA	SRF

Run # 1.) 37.42
94.48
93.68
37.23

2.) 37.40
94.45
93.70
37.38

Continued from page

Read and Understood By

Tim Kosky 11-3-25 Lori Munch 11-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11·03·25 Page 1 of 1

Sample Location: Bld. 36.610

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	Analytical Requirement: 6070						Charge Number
										XGMD
251103 0915 Y (EB)	3	A	x							
1020 Y	3	A	x							
1021 Y	1	A		x						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11·03·25 11:03			11-4-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

AL MONTES & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THIS ZONE WILL BE PURGED & SAMPLED WITH A DEDICATE PUMP. SAMPLES COLLECTED FROM A DEHP DISCHARGE TUBE. CARBOY 6-3

	INITIAL	FINAL
	251106 0955A	1015A
pH	7.60	7.55
TEMP	21.8	22.0
COND	1209	1210
TURB	0.59	0.65
phpre	7.00/10.00	7.01/10.00
phpost	7.01/10.00	7.00/10.01
DTW	Depth probe WASN'T long ENough	N/A

METER ID's
pH/cond # 18
Turb # 8
11 STD 9.30
11 poly 9.45
11 LOT# A5022
11 EXP 11/30

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
251106 1000A	8260	ICE/HCl	(3)40ml VIALS	ALS
1001A	11 (FB)	11	11	11
1002A	6007	ICE	(1) 500ml Amber	SRI
1003A	11 NDMA	11	11 1LT Amber	11
1004A	11 (FB)	11	11	11
1005A	11 (Dup)	11	11	11
1006A	METALS	ICE/HNO_3	(2) 125ml poly	ALS
1007A	ANION/ALK	ICE	11	11
1008A	TDS	11	(1) 250ml poly	11
1009A	PERCHLORATE	11	(1) ~~125~~ 500ml poly	11
1010A	NO_2/NO_3	ICE/H_2SO_4	11	11

BLIND CONTROL

SAMPLE#	ANALYSIS	PRESERV	CONT	LOT#	LAB
251106/1500A	8260 NDMA	ICE	(1) 1LT Amber	25GD057A	ALS

Continued from page

Read and Understood By

T. M 11.6.25 Ron Munch 11-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-6-25 Page _____ of _____

Sample Location: Blm2-630

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	607	LINDMA					Charge Number
										XGMD
25/106/1000A			X							
1001A (FB)			X							
1002A				X						
1003A					X					
1004A (FB)					X					
1005A (Dup)					X					
1500A (BC)					X					

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	METALS	ANIONS	TDS	PERCH 16 ppt	NO2/NO3			Charge Number
										XGMD
1006A			X							
1007A				X						
1008A					X					
1009A						X	X			
1010A							X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. B	11-6-25 / 1100		Pam Munch	11-7-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Craig Del Ferraro present. Weather is clear & warm. This well will be purged using a dedicated bladder pump. Samples will be collect using a non DEHP tubing. Carboy G2 in use. PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters
Time - 251110 1400C
PH - 8.01
Temp - 22.1°C
Cond - 5.40 ms/cm
Turb - 2.14 NTU's
pH pre - 7.02/10.05 (24.3°C)
pH post - 7.02/10.04

Final
Time - 251110 1414C
PH - 8.04
Temp - 22.4°C
Cond - 5.39 ms/cm
Turb - 1.91 NTU's
pH pre - 7.01/10.03 (25.6°C)
pH post - 7.02/10.02

Meter ID
pH/Cond - 18
Turb - 8
" std - 9.30 NTU's
" rdg - 9.36 NTU's
" lot - A5022
" Exp - 11/30/25

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251110/1401C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
—— 1402C	" (FB)	"	"	"	"
—— 1403C	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SRI
—— 1404C	Pesticides by 8081B	"	"	090522-1HY	ALS
—— 1405C	Herbicides by 8151A	"	"	"	"
—— 1406C	Dioxins/Furans by 8290	"	(1) 1L Amber	0119901J	SRI
—— 1407C	SVOA by 8270D	"	(2) 500ml ambs.	090522-1HY	ALS
—— 1408C	PCB's by 8082A	"	(1) 500ml amb.	"	"
—— 1409C	Phenolics by 9066	ice/H_2SO_4	(1) 250ml amb.	081024-1EKP	"
—— 1410C	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"
—— 1411C	NO_2/NO_3 by 353.2	ice/H_2SO_4	(1) 125ml poly	081125-4ELR	"
—— 1412C	Cyanide by 9012B	ice/NaOH	(1) 125ml vial	011823-3EGY	"
—— 1413C	Sulfide by 9030	ice/ZA/NaOH	(1) 500ml poly	120522-2ANR	"

Initial DTW: 177.70 ft.
Final DTW: 177.91 ft.
Total gallons purged: 1.5

Continued from page N/A

Read and Understood By
Craig Del Ferraro 11/10/25
Pam Mundt 11-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/10/25 Page 1 of 1

Sample Location: BLM-3-182

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Pesticides	Herbicides	Dioxins/Furans	SVOA		Charge Number
251110 1401C		3	A	✓							XGMD
1402C (FB)		3	A	✓							"
1403C		1	A		✓						"
1404C		1	A			✓					"
1405C		1	A				✓				"
1406C		1	A					✓			"
1407C		2	A						✓		"

Sample Location: BLM-3-182

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: PCBs	Phenolics	Total Metals	NO2/NO3	Cyanide	Sulfide		Charge Number
251110 1408C		1	A	✓							XGMD
1409C		1	A		✓						"
1410C		2	A			✓					"
1411C		1	A				✓				"
1412C		1	A					✓			"
1413C		1	A						✓		"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DeLeeuw	11/10/25/1440hrs.		[signature]	11-11-25 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

AL MONTES & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WINDY. THIS WELL WILL BE PURGED & SAMPLED USING A DEDICATED PUMP. SAMPLES COLLECTED FROM A DEHP SAMPLE TUBE. CARBOY 6-3

INITIAL	FINAL
251106 1405A	1415A
pH 7.46	7.48
TEMP 28.2	28.0
COND 1356	1355
TURB 2.67	1.98
PHPRE 7.01/10.01	7.00/10.00
PHPOST 7.00/10.01	7.011
DTW 336.70 FT	336.76FT

METER ID's
pH/cond # 18
TURB # 8
" STD 9.30
" ND 9.45
" 60TH A502
" EQP - 11/30

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTT	LAB
251106 1410A	8260C	HCL/HH	(3) 40ml VIALS	ALS
——— 1411A	"	"	"	"
——— 1412A	CL NOMA	ICE	(1) 1LT AMBER	SNT
——— 1413A	"	"	"	"

Continued from page

Read and Understood By

T. D. 11.6.25 Lori Munck 11-7-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.6.25 Page 1 of 1

Sample Location: BM.8.418

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	LL8260	LL204A						Charge Number
										X G M D
251106 1410A	3	A	x							
1411A FB	3	A	x							
1412A	1	A		x						
1413A FB	1	A		x						

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11.6.25 3:05pm			11-7-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: NA

WSTF 381C (05/2016)

Robert Burrows & Craig Del Ferraro present. Weather is clear & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge tube. Carboy #2 in use. PPE used: steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters
Time- 2511120920C
PH - 7.46
Temp - 19.7°C
Cond - 1436us/cm
Turb - 0.71 NTU's
pH pre - 7.07/10.10 (15.9°C)
pH post - 7.08/10.12

Final
Time- 2511120925C
PH - 7.40
Temp - 20.0°C
Cond - 1442us/cm
Turb - 0.64 NTU's
pH pre - 7.05/10.09 (17.1°C)
pH post - 7.05/10.10

Meter ID
pH/Cond - 18
Turb - 8
" Std - 9.30 NTU
" rdg - 9.34 NTU
" lot - A5022
" Exp - 11/30/25

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251112 0921C	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 0922C	" (FB)	"	"	"	"
——— 0923C	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 0924C	" (FB)	"	"	"	"

Initial DTW: 514.74ft.

Final DTW: 514.92ft.

Total gallons purged: 2

Continued from page N/A

Read and Understood By

Craig Del Ferraro 11/12/25

Ben Mundt 11-13-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/12/25 Page 1 of 1

Sample Location: BLM-22-570

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LL NDMA						Charge Number
251112 0921C	3	A	✓							XGMD
0922C (FB)	3	A	✓							"
0923C	1	A		✓						"
0924C (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Dell'Amo	11/12/25/0945hrs.		[signature]	11-12-25 / 0940

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

11/5/25

14

PROJECT BLM-24-565 WJI ENV-0053

Notebook No. D32 #140 (A)

Continued from page N/A

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using non DEHP tubing. Carboy GI in use. PPE used includes: steel toed shoes, nitrile gloves, & safety sunglasses. This will be a modified sampling event.

Initial Parameters	Final	Meter ID
Time - 251105 1320A	Time - 251105 1327A	pH/Cond - 16
PH - 6.72	PH - 6.80	Turb - 20
Temp - 24.0°C	Temp - 24.3°C	" Std - 6.40 NTU
Cond - 1418 us/cm	Cond - 1408 us/cm	" rdg - 6.42 NTU
Turb - 0.83 NTU's	Turb - 0.71 NTU's	" lot - A5022
pHpre - 6.97/9.96 (31.1°C)	pHpre - 6.98/9.97 (30.7°C)	" Exp - 11/30/25
pHpost - 6.98/9.95	pHpost - 6.97/9.99	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251105 1321A	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1322A	" (FB)	"	"	"	"
——— 1323A	607/Bromacil	ice	(1) ~~1L Amber~~ 500ml amb.	011901J	SRL
——— 1324A	*" (MS)*	"	"	"	"
——— 1325A	Low Level NDMA	"	(1) 1L Amber	021901J	"
——— 1326A	" (FB)	"	"	"	"

Initial ~~Parameter~~ DTW: 331.53ft.

Total gallons purged: 1/4 (modified)

Final DTW: 332.15ft.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 11/5/25

Ben Mundt 11-6-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/5/25 Page 1 of 1

Sample Location: BLM-24-565

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	LLNDMA					Charge Number
251105 1321A	3	A	✓							XGMD
1322A (FB)	3	A	✓							"
1323A	1	A		✓						"
1324A (MS)	1	A		✓						"
1325A	1	A			✓					"
1326A (FB)	1	A			✓					"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	11/5/25 / 1410 hrs.		Jon W Lund	11-6-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

11/3/25

PROJECT BLM-26-404 WJI ENV-0053

Notebook No. D32 #140 (A) 13

Continued from page N/A

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using non DEHP tubing. Carboy, GI in use. PPE used at this location includes: steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters	Final	Meter ID
Time - 251103 1350A	Time - 251103 1355A	pH/Cond - 16
PH - 7.39	PH - 7.30	Turb - 20
Temp - 23.6°C	Temp - 23.3°C	" Std - 6.40 NTU's
Cond - 1301 us/cm	Cond - 1309 us/cm	" rdg - 6.36 NTU's
Turb - 0.40 NTU's	Turb - 0.37 NTU's	" Lot - A5022
pH pre - 7.02/9.98 (28.5°C)	pH pre - 7.02/9.97 (29.1°C)	" Exp - 11/30/25
pH post - 7.01/9.99	pH post - 6.99/9.98	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251103 1351A	VOA by 8260	ice / HCL	(3) 40ml vials	060225-3AXH	ALS
—— 1352A	" (FB)	"	"	"	"
—— 1353A	607/Bromacil	ice	(1) 1L Amber	021990-1J	SRL
—— 1354A	" (FB)	"	"	"	"

Initial DTW: 311.00 Ft.

Total gallons purged: 2

Final DTW: 311.12 Ft.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 11/3/25

Jon Munch 11-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/3/25 Page 1 of 1

Sample Location: BLM-26-404

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607						Charge Number
251103 1351A	3	A	✓							XGMD
—— 1352A (FB)	3	A	✓							u
—— 1353A	1	A		✓						u
—— 1354A (FB)	1	A		✓						u

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Terro	11/3/25/1440hrs.		[signature]	11-4-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

PROJECT BLM-32-543 ENV-0810

Notebook No. D32#141 (15) 9

Continued from page N/A

ROBERT BURROWS & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SYSTEM. PURGE PRESSURE SET @ 25 psi & SAMPLE PRESSURE 252 psi, BUBBLER SET @ 7 psi & STABILE @ 9 psi. THE FIRST 350 mls WILL BE DISCARDED. MW-OF 4 gallons PURGED. CARBOY 6-3

	INITIAL	SAMPLE
	251103 1210 B	251103 R 1205
pH	8.04	8.10
TEMP	24.8	25.0
COND	1121	1120
TURB	1.01	1.05
ph pre	7.00/10.00	7.00/10.00
ph post	7.00/10.00	7.01/10.00

METER II
pH/cond # 8
Turb # 8
" STD 9.30
" Rdg 9.46
" LOT# A5022
" Exp. 11/30

TRIP BLANKS

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
251103 0700 B	8260 (TB)	ICE/HCl	(3) 40mL VIALS	ALS
" 0701 B	" (TB)	ICE	(1) 1LT AMBER	SRL

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
251103 1215 B	8260	ICE/HCl	(3) 40mL VIALS	ALS
" 1216 B	" (FB)	"	"	"
" 1217 B	418.1 MA	ICE	(1) 1LT AMBER	SRL
" 1218 B	" (FB)	"	"	"

Continued from page

Read and Understood By

T. D. 11-03-25 Tom Munch 11-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.3.25 Page 1 of 1

Sample Location: B/m-32-543

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	LCMS4						Charge Number
										X6mA
251103 07003 (TB)	3	A	X							
— 07013 (TB)	1		X	X						
— 12153	3		X							
— 12163 (FB)	3		X							
— 12173	1			X						
— 12183 (FB)	1			X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number
			X							
				X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
J. [illegible]	11-03-25/1600		[signature]	11-4-25/0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Tony Torres present. The weather is cloudy warm. The well will be purged & sampled using a Flute System Purge Pressure set @ 28 & Sample pressure set @ 252. Bubbler set @ 3psi & stable @ 5psi. Min. of 4 gallons purged, The first 350 mls will be discarded. Carboy 6-3

	Initial	Sample
	25|03 1230B	25|03 1241B
pH	7.90	7.85
Temp	24.0°C	24.03
Cond	1113	1115
Turb	0.40	0.43
pH pre	7.00/10.00	7.00/10.01
pH post	7.00/10.00	7.00/10.01

Meter ID's
pH/cond = 18
Turb # 8
" STD 9.80
" mls 9.46
" Lot # A5022
" Exp 11/30

Samples

Sample #	Analysis	Preserv	Cont	Lab
25|03 1235B	8260(L)	Cold	(3) 40ml vials	ALS
1236B	" (FB)	"	"	"
1237B	LUNOMA	Ice	(1) LT Amber	SVET
1238B	" (FB)	"	"	"
1239B	" (MS)	"	"	"
1240B	" (MSD)	"	"	"

Continued from page

Read and Understood By

11-3-25

11-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.3-25 Page 1 of 1

Sample Location: BIM.32-571

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8760	(						Charge Number
				C						X6mA
251103 12353	3	A	X							
1236B (FB)	3		X							
1237B	1			X						
1238B (FB)	1			X						
1239B (MS)	1			X						
1240B (MSD)	1			X						

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
J. D	11.3.25 / 1700		Lori W Munch	11-4-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

ROBERT Burrows + Tony Torres present. The weather is clear & warm. This well will be purged & sampled using a Plute System. Purge Pressure set @ 28 & Sample Pressure set @ 25.2 psi. The first 350 mls will be discarded. Bubbler set @ 3psi & stables @ 9psi Canbay 6-3.

	Initial	Sample
	25103 12548	25103 13008
pH	8.39	8.40
Temp	23.1	23.5
Cond	1100	1101
Turb	0.99	1.01
phpre	7.00/10.00	7.00/10.00
phpost	7.00/10.00	7.00/10.00

METER IDs
pH/Cond #19
Turb #28
Instrl # 9.50
Unity # 9.46
Length: 45022
Inexp: 11/30

Samples

Sample #		Analysis	Preserv	Comm	Lab
25103	12555	82600	Ice/HCl	13) Volatiles	ALS
—	12566	" (FB)	"	"	"
—	12577	CLNDMA	Ice	11) Extractables	"
←	12588	" (FB)	"	"	"

Continued from page

Read and Understood By

T. [signature] 11-3-25

[signature] 11-4-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-3-25 Page 1 of 1

Sample Location: Blm-32-632

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	LCMSMA						Charge Number
										X6mD
251103 12553	3	A	X							
12563 (FB)	3		X							
12573	1			X						
12883 (FB)	1			X						

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. Day	11-3-25/1400		[signature]	11-4-25 /0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Kondy + Al Montes present. Weather is warm, clear and windy. Well will be sampled with 5 Triple rinsed stainless steel sample tubes. Surface checks done on Probe # 4755 prior to sampling. Generator in use. Carboy G2

Initial Parameters	Final	Meter #
Time - 25/10/4 1335 Y	25/10/4 1440 Y	pH/cond - 15
pH - 7.94	7.92	TURB - 6
Temp - 23.3	23.4	" Std - 13.9
cond - 1164 us/cm	1156 us/cm	" Rdg - 14.5
TURB - 2.19	2.03	" Lot # - A5052
pH precal 7.05. 10.15		" Exp - 11-30-25
pH post cal 7.09 - 10.20		
ATMOS - 12.47		
DTW - NA: Probe sticking to casing		

Buff	Lot #	Exp
7	cc 810372	9-26
10	cc 806765	7-26

30 ml EB

Sample #	Analysis	Preserv	Cont.	Lot #	Lab
25/10/4 1300 Y	8260	ice, HCl	(3) 40 ml Vial	2827	ALS
~~S~~ 1301 Y	607	ice	(1) 500 ml Amber	NA	SRT

Samples

25/10/4 1430 Y	8260	ice, HCl	(3) 40 ml Vial	2827	ALS
1431 Y	" Dupl	"	"	"	"
1432 Y	607	ice	(1) 500 ml Amber	NA	SRT

RUN #	1)	2)
	12.57	12.55
	32.90	32.87
	32.80	32.81
	12.59	12.58

Continued from page

Read and Understood By

T Kondy 11-4-25 Ron W Munds 11-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-4-25 Page _____ of _____

Sample Location: BLM-36_350

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6070						Charge Number
										XGMD
25110413 00 Y (EB)	3	A	X							
1301 Y (EB)	1			X						
1430 Y	3		X							
1431 Y (DUP)	3		X							
1432 Y	1			X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T Kent	11-4-25		Pam Wynn	11-5-25 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tim KONDY + AL MONTES present. Weather is warm and partly cloudy. Well will be sampled with 5 tuple lined stainless steel sample Tubes. Surface checks on probe # 41755 prior to sampling. Generator in use Carboy # 2

Initial Parameter	Final	Meter #
Time - 25/1041095 5 Y	25/1041650 Y	pH/Cond - 15
pH - 7.81	7.79	TURB - 6
Temp - 24.5	24.5	" Std - 13.9
cond - 977 us/cm	981 us/cm	" Rdg - 14.5
TURB - 4.45	4.41	" Lot # - A5022
pH pre cal - 7.05 - 10.11		" Exp - 11-30-25
pH post cal - 7.07 - 10.15		
ΔT MOS - 12.43		
DTW - NA probe sticking on casing		

Buff	Lot #	Exp.
7	cc 80372	9-26
10	cc 80765	7-26

Samples 30 ml EB

Sample #	Analysis	Preserv	Cont	Lot #	Lab
25/1041085 Y	8260	Ice, HCL	(3) 40 ml Vial	2827	ALS
25/1041045 Y	8260	Ice, HCL	(3) 40 ml Vial	2827	ALS
—— 1046 Y	607	Ice	(1) 500 ml Amber	NA	SRL

RUN # 1) 120.04 2) 120.11
170.54 170.51
171.03 171.01
119.63 119.50

Continued from page

Read and Understood By

Tim Kondy 11-4-25 Peter Munch 11-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11·4·25 AM

Sample Location: Bld. 36. 800			Analytical Requirement							
Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260	607						
Sample Number										XGMD Charge Number
251103 0850 Y (EB)	3	A	x							
251104 1045 Y	3	A	x							
251104 1046 Y	1	A		x						

Sample Location:			Analytical Requirement							
Pertinent Notes (if any)	# of Containers	Sample Matrix*								
Sample Number										Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11.4.25 1100			11-5-25 /0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Kondy + AL MONTES present. Weather is warm and clear. Well will be sampled with 5 triple rinsed Stainless Steel Sample tubes. Surface checks done on probe # 4755 prior to sampling. Generator in use. Conboy G2.

30 FEB

Sample #	Analysis	Preserv	cont.	Lot #	Lab
25 1103 1320 y	8260	ice, HCL	(3) 40 ml Vial	2827	ALS

Initial Parameters	Final	Meter #
time - 251103 1460 y	25 1103 1455 y	pH/cond - 15
pH - 7.22	7.31	TURB - 6
Temp - 23.9	23.8	" Std - 13.9
cond - 779. uscm	7.71	" Rdg - 14.2
TURB - 874.00	377.00	" Lot # - A5022
pH precal - 7.09 - 10.15		" Exp - 11-30-25
pH post cal - 7.15 - 10.20		
Atmos - 12.46		
DTW - NA probe sticking to casing	NA	

Buff	Lot #	Exp
7	CC810322	9.26
10	CC806765	7.26

Sample #	Analysis	Preserv	cont.	Lot #	Lab
25 1103 1402 y	8260	ice HCL	(3) 40 ml Vial	2827	ALS
— 1403 y	607	ice	(1) 250 ml Amber	NA	SRI

RUN # 1) 146.07 142.69 142.55 146.00
2) 146.02 142.54 142.49 145.98

Continued from page

Read and Understood By

11-3-25

11-4-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.03.25 Page 1 of 1

Sample Location: BLM.36.860

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607						Charge Number
										XGMD
251103 1320 Y (EB)	3	A	X							
1402 Y	3	A	X							
1403 Y	1	A		X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	11.3.25 3:15pm			11-4-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Kondy + AL MONTES present Weather is Hot and clear. Well will be sampled with 5 Tubing dipper Stainless Steel Sample Tubes. Surface checks done on Probe # 4755 prior to Sampling Generator in use. Carboy # C-2

Initial Parameters	Final	Meter #
Time - 251105 1400 Y	251105/1505	PH/cond - 15
pH - 8.07	8.03	TURB - 6
Temp - 23.2	23.4	" Std - 13.9
Cond - 935 us/cm	965 us/cm	" Rdg - 13.6
TURB - 2.41	2.39	" Std - A5022
pH pre cal - 7.02 - 10.05		" Exp - 11-30-25
pH post cal - 7.05 - 10.11		
Atmos - 12.44		
DTW - NA (Stick up)		

Bottle	Lot #	Exp.
7	cc810372	
10	cc806765	

30 mL EB

Sample #	Analysis	Preserv	Lot #	Lab
251105 1320 Y	8260	ice, HCL	2827	ALS
1321 Y	LL NDMA	ice	0114801K	SRI

Samples

251105 1450 Y	8260	ice, HCL	2827	ALS
1451 Y	LL NDMA	ice	0114801K	SRI

RUN # 1) 47.94
39.07
38.49
47.92

2.) 47.87
38.94
38.41
47.84

Continued from page

Read and Understood By

11-5-25 11-6-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-5-25 Page _____ of _____

Sample Location: BCM-38-480

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	2LND MA						Charge Number
										XGMD
251105 1320 Y (EB)	3		X							
— 1321 Y (EB)	1			X						
— 1450 Y	3		X							
— 1451 Y	1			X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	11-5-25		[signature]	11-6-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

T. Kosky + AL Montes present. Weather is warm and clear. Well will be sampled with 5 triple rinsed stainless steel sample tubes. Surface checks done on Prod# 4755 prior to sampling. Generator in use Caddy G2

Initial Parameter		FINAL		Meter #	
Time	25 1105 0935 Y	25 1105 1010 Y		pH/cond	KT
pH	7.35	7.30		TUCB	6
Temp	23.7	23.7		" Std	13.9
cond	1029 us/cm	1037 us/cm		" Rdg	14.3
TURB	1.29	1.21		" Lot #	A5022
pH pre cal	7.05-10.13			" Exp.	11-30-25
pH post cal	7.10-10.17		RBTF	Lot #	Exp
Atmos	12.41		7	CC 810372	9-26
BTW	407.72 FT	NA (sticking)	10	CC 806765	7-26

30 min EB

Sample #	Analysis	Preserv	cont.	Lot #	Lab
25 1105 0900 Y	8260	ice, HCL	(3) 40 ml Vial	2827	ALS
0901 Y	LL NDMA	ice	(1) 1 LT Amber	0114801K	SRI

Sample

25 1105 1005 Y	8260	ice, HCL	(3) 40 ml Vial	2827	ALS
1006 Y	LL NDMA	ice	(1) 1 LT Amber	0114801K	SRI

RUN # 1) 109.09 2) 109.04
86.27 86.19
85.35 85.31
109.10 109.04

Continued from page

Read and Understood By

T. Kosky 11-5-25 Ron Munch 11-6-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-5-25 Page _____ of _____

Sample Location: BLM-38-620

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	NDMA						Charge Number
										XGMD
251105 0900 X (FB)	3	A	X							
— 0901 Y (EB)	1	↓		X						
— 1005 X	3		X							
— 1006 Y	1	↓		X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	11-5-25		[signature]	11-6-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Robert Burrows & Craig Del Ferraro present. Weather is clear & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge tube. Carboy G2 in use. PPE used/required steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters
Time - 251112 1340C
PH - 8.06
Temp - 22.3°C
Cond - 1049 us/cm
Turb - 0.50 NTU's
pHpre - 7.03/10.02 (24.2°C)
pHpost - 7.02/10.03

Final
Time - 251112 1345C
PH - 8.02
Temp - 22.4°C
Cond - 1047 us/cm
Turb - 0.43 NTU's
pHpre - 7.00/10.02 (25.7°C)
pHpost - 6.99/10.02

Meter ID
pH/Cond - 18
Turb - 8
" Std - 9.30 NTU's
" rdg - 9.34 NTU's
" lot - A5022
" Exp - 11/30/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251112 1341C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
1342C	" (FB)	"	"	"	"
1343C	607/Bromacil	ice	(1) ~~(1) HCL~~ 500ml amb. ~~0H02199011~~		SR
1344C	" (Dupl.)	"	(1) 500ml amb.	"	"

Initial DTW: 236.52ft

Final DTW: 236.60ft.

Total gallons purged: 1.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 11/12/25

Peter W Munck 11-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/12/25 Page 1 of 1

Sample Location: BW-5-295

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607						Charge Number
251112 1341C		3	A	✓							XGMD
1342C (FB)		3	A	✓							"
1343C		1	A		✓						"
1344C (Dupl.)		1	A		✓						"

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zeno	11/12/25 / 1410hrs.		[signature]	11-13-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Aguilos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters	
Time	2511110800
PH	7.28
Temp	22.3°C
Cond	1146 uS/cm
Turb	1.15 NTU
PH pre	7.01 / 10.02 (18.1°C)
PH post	7.00 / 10.01

Meter ID	
PH/Cond	Plume Front
Turb	=
= STD	9.37 NTU
= LOW	10.4 NTU
= LOT	NA
= exp	11/30/25

Buffers	lot	exp
7	rc8103772	9/26
10	rc8067685	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2511110801	VOA b48260	HCl/Ice	(3) 40 ml vials	2801	ALS
0802	= (FB)	=	=	=	=
0803	607/Bromacil	Ice	(1) 500 ml Amber	02199015	SRI

Continued from page

Read and Understood By

MJ Signed 11/11/25 Date

Signed 11-11-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/11/25 Page 1 of 1

Sample Location: MPE-1.

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMN/607 BROMACIL LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
2511110801	3	A	X						XGMD 1
-0802 (FB)	3	A	X						
-0803	1	A			X				

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 6850	NO2/NO3 353.2	SVOA-SIM 1,4 DIOXANE 8270	Charge Number
						XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MA	11/11/25 @ 1010	[signature]	11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carbon Plume Front.

Parameters		
Time	-	251111 0850
pH	-	7.15
Temp	-	18.9 °C
Cond	-	1006 us/cm
Turb	-	1.24 NTU
pH pre	-	7.03/10.01 (18.7 °C)
pH post	-	7.01/10.01

Meter ID		
pH/Cond	-	Plume Front
Turb	-	Plume Front
= STD	-	9.57 NTU
= EDG	-	10.4 NTU
= LOT	-	NA
= EXP	-	11/30/25

Buffers	lot	exp
7	CC810572	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251111 0851	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0852	= (FB)	=	=	=	=
—— 0853	607/Bromacil	Ice	(1) 500 ml Amber	02199013	SRI
—— 0854	= (Dup)	=	=	=	=

Continued from page

Read and Understood By

MA — Signed — 11/11/25 — Date

Pete Muench — Signed — 11-11-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/11/25 Page ___ of ___

Sample Location: MPE-3.

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNA/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
251110851		3	A	X						XGMD
0852	(FB)	3		X						
0853		1				X				
0854	(Dup)	1				X				

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 6850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270	Charge Number
							XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MA Cat	11/11/25 @1010	[signature]	11-12-25 /0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Aviles & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		Meter ID		Buffers	lot	EXP
Time	· 251111 0904	pH/Cond	· Plume Front	7	cc810372	9/26
pH	· 7.22	Turb	· Plume Front	10	cc806765	7/26
Temp	· 20.6 °C	: STD	· 9.37 NTU			
Cond	· 1086 uS/cm	: BOG	· 10.4 NTU			
Turb	· 2.58 NTU	: LOT	· NA			
PHpre	· 7.03/10.01 (19.1°C)	: EXP	· 11/30/25			
PHpost	· 7.01/10.01					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251111 0905	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0906	: (Dup)	:	:	:	:
—— 0907	: (FB)	:	:	:	:
—— 0908	607/Bromacil	Ice	(1) 500 Amber	02199015	SRI

Continued from page

Read and Understood By

MA 11/11/25

Lori M 11-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: ~~MPE-4~~ 11/11/25 Page 1 of 1

Sample Location: MPE-4

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 Low Level NDMA	Total Metals	Anions/Alk	TDS SM2540C	Charge Number
251111 0905		3	A	X						XGMD
0906	(Dup)	3	|	X						|
0907	(FB)	3	|	X						|
0908		1	I			X				I

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Perchlorate 6850	NO_2/NO_3 353.2	SVOA-SIM 1,4 Dioxane 8270				Charge Number
										XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	11/11/25 @ 1010	[signature]	11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		Meter ID		Buffers	lot	EXP
Time	· 2511110929	pH/Cond	· Plume front	7	CC810372	9/26
pH	· 7.34	Turb	· "	10	CC806205	7/26
Temp	· 19.1°C	= STD	· 9.37 NTU			
Cond	· 1007 uS/cm	= TOO	· 10.4 NTU			
Turb	· 3.07 NTU	= LOT	· NA			
pH pre	· 7.03/10.02 (19.5°C)	= EXP	· 11/30/25			
pH post	· 7.02/10.02					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2511110930	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0931	= (FB)	"	"	"	"
—— 0932	607/Bromacil	Ice	(1) 500ml Amber	0219901J	SRL

Continued from page

Read and Understood By

MA 11/11/25

Pete Mundt 11-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/11/25 Page 1 of 1

Sample Location: MPE-9

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 Low Level NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number: XGMD
251111 0930	3	A	X						1
0931 (FB)	3	1	X						1
0932	1	1			X				1

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 6850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270					Charge Number: XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
WS GD	11/11/25 @ 1010	[signature]	11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carbon Plume Front.

Parameters	
Time	251111 0944
PH	7.52
Temp	19.2 °C
Cond	999 uS/cm
Turb	1.82 NTU
PH pre	7.03/10.01 (19.6 °C)
PH post	7.03/10.02

Meter ID	
PH/Cond	Plume Front
Turb	=
= STD	9.37 NTU
= DOC	10.4 NTU
= LOT	NA
= EXP	11/30/25

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251111 0945	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
0946	= (FB)	=	=	=	=
0947	607/Bromacil	Ice	(1) 500 ml Amber	0219013	SRI

Continued from page

Read and Understood By

Signed 11/11/25 Date

11-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/11/25 Page 1 of 1

Sample Location: MPE-10

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNA/BROMACIL 607 LOW LEVEL NDMA	Total Metals	Anions/Alk	TDS SM2540C	Charge Number
2511110945	3	A		X						XGMD
0946 (FB)	3	I		X						I
0947	1	I				X				I

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: PERCHLORATE 16850	NO2/NO3 353.2	SVOA-SIM 1,4 DIOXANE 8270	Charge Number
							XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MA Cot	11/11/25 @ 1010	Jon W Jumah	11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection.
Carbon Plume Front.

Parameters	
Time	· 2511110824
PH	· 7.47
Temp	· 23.3 °C
Cond	· 845 uS/cm
Turb	· 2.15 NTU
PH pre	· 7.01/10.01 (18.2 °C)
PH post	· 7.02/10.01

Meter ID	
PH/Cond	· Plume Front
Turb	- "
= DO	· 9.37 mg/L
= ORP	· 10.4 mV
= TOT	· NA
= EXP	· 11/30/25

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	Lab
2511110825	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
0826	= (FB)	=	=	=	=
0827	607/Bromacil	Ice	(1) 500 ml Amber	0214901J	SRI
0828	PFAS by EPA 1633	=	(2) 500 ml PP	L5167018B	Pace

Continued from page

Read and Understood By

Signed — 11/11/25 Date

Signed — 11-11-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/11/25 Page 1 of 1

Sample Location: MPE-11

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/1,4 Dioxane BROMACIL 607 Low Level NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
2511110825	3	A								XGMD 1
0826 (FB)	3									
0827	1									
0828 MS	2									

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: PERCHLORATE 6850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270	PFAS				Charge Number
2511110828	2	A					X				XGMD 1

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MA MS	11/11/25 @ 1010	[signature]	11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Kondy + Dan Halvorson present. Weather is warm and clear. Well will be purged with a dedicated bladder pump. and sampled with a decon'd Teflon tubing (Cat-Box # G1

Initial Parameters	Final	Meter*
Time – 25/11/10 1030 A	25/11/10 1045 A	pH/Cond – 16
pH – 7.00	6.98	TURB – 20
Temp – 20.6	20.6	" Std – 6.410
Cond – 1810 us/cm	1831 us/cm	" Rdg – 8.11
TURB – 7.42	6.95	" Lot* – A5022
pH precal 7.01 – 10.11		" Exp – 11-30-25
pH post cal 7.05 – 10.15		
PTW – 127.65 Ft	128.30	
3 casing Vol – 13		

PH	Lot*	Exp
7	CC810372	9-26
10	CC806765	7-26

Samples

Sample #	Analysis	Preser	Cont*	Lot #	Lab
25/11/10 1035 A	8260	Ice, HCl	(3) 40 ml Vial	Z827	ALS
— 1036 A	" (FB)	"	"	"	"
— 1037 A	6.0?	Ice	(1) 500 ml Amber	001/9901J	SRL
— 1038 A	" (Dupl)	"	"	"	"
— 1039 A	Metals	Ice, HNO_3	(2) 125 poly	NA	ALS
— 1040 A	" (Dupl)	"	"		"
— 1041 A	Anions/Alk	Ice	(2) 125 poly		"
— 1042 A	TDS	"	(1) 250 ml poly		"
— 1043 A	perchlorate	"	(1) 125 poly		"
— 1044 A	NO_2/NO_3	Ice, H_2SO_4	(1) 125 poly		"

IDW – 13 gal.

Continued from page

Read and Understood By

Tim Kondy 11-10-25 Dan Halvorson 11-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-10-25 Page _____ of _____

Sample Location: NASA-6

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	metals	Anions/IALK				Charge Number
										XGMD
251110 1035 A	3	A	X							
— 1036 A (FB)	3		X							
— 1037 A	6			X						
— 1038 A (Dupl)	1			X						
— 1039 A	2				X					
— 1040 A (Dupl)	2				X					
— 1041 A	2					X				

Sample Location: NASA-6

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: TDS	perchlorate	UV/NO3					Charge Number
										XGMD
251110 1042 A	1	A	X							
— 1043 A	1			X						
— 1044 A	1				X					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	11-10-25		[signature]	11-11-25 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & cool. This zone will be sampled using 5 steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe #4755. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy G1

Sample	Analysis	Preservative	Container	Lot	Lab
251107 0845y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 0846y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters	Final	Meter ID
Time - 2511070930y	Time - 2511071025y	pH/cond - 15
PH - 8.13	PH - 7.97	Turb - 6
Temp - 21.5°c	Temp - 21.9°c	" std - 5.84 NTU
Cond - 949us/cm	Cond - 938us/cm	" rdg - 5.78 NTU
Turb - 0.6 NTU's	Turb - 0.53 NTU's	" lot - A5022
pHpre - 7.10/10.08 (16.3°c)	pHpre - 7.08/10.06 (16.9°c)	" Exp - 11/30/25
pHpost - 7.09/10.06	pHpost - 7.09/10.07	
DTW - 487.01ft.	DTW - 487.08ft.	Buffers Lot Exp
Atmos - 12.44psia	Atmos - 12.47psia	7 CC810372 9/2
	IDW - 1/2 gal.	10 CC806765 7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2511070955y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
* ——— 0956y	*a(MS)*	"	"	"	"
——— 0957y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

*PPE used/required: hard hats, steel-toed shoes, & safety sunglasses.

Runs	1)	2)	3)
	48.61	48.53	48.49
	45.94	45.89	45.88
	45.94	45.91	45.91
	48.60	48.56	48.52

Continued from page N/A

Read and Understood By

Craig DelFerraro 11/7/25

[signature] 11-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/7/25 Page 1 of 1

Sample Location: PL-7-560

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA	Charge Number
2511070845Y (EB)	3	A	✓		XGMD
0846Y (EB)	1	A		✓	"
0955Y	3	A	✓		"
0956Y (MS)	3	A	✓		"
0957Y	1	A		✓	"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
Craig DelTorro	11/7/25 / 1050hrs	Jon Mund	11-10-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Robert Burrows & Craig Del Ferraro present. Weather is clear & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP tubing. Carboy G2 in use. PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
251111 0740C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
——— 0741C	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 251111 0910C
PH - 7.30
Temp - 19.2°C
Cond - 1367 us/cm
Turb - 0.49 NTU's
pH pre - 7.09/10.06 (18.7°C)
pH post - 7.10/10.06

Final
Time - 251111 0916C
PH - 7.23
Temp - 19.5°C
Cond - 1358 us/cm
Turb - 0.45 NTU's
pH pre - 7.08/10.04 (20.2°C)
pH post - 7.09/10.04

Meter ID
pH/Cond - 18
Turb - 8
" Std - 9.30 NTU's
" rdg - 9.35 NTU's
" lot - A5022
" Exp - 11/30/25

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251111 0911C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
——— 0912C	" (FB)	"	"	"	"
——— 0913C	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI
——— 0914C	" (Dupl.)	"	"	"	"
——— 0915C	" (FB)	"	"	"	"

Total gallons purged: 2

*Initial packer pressure: 33psi.
Final " " : 33psi.

Continued from page N/A

Read and Understood By

Craig Del Ferro 11/11/25 Peter U Munch 11-12-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/11/25 Page 1 of 1

Sample Location: PL-12-570

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	LLNDMA						Charge Number
251111 0740C (TB)	3	A	✓							XGMD
— 0741C (TB)	1	A		✓						u
— 0911C	3	A	✓							u
— 0912C (FB)	3	A	✓							u
— 0913C	1	A		✓						u
— 0914C (Dupl.)	1	A		✓						u
— 0915C (FB)	1	A		✓						u

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelZenno	11/11/25/1015hrs.		[signature]	11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Robert Burrows & Craig Del Ferraro present. Weather is clear & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge tube. Carboy G2 in use. PPE used/required: steel toed-shoes, nitrile gloves, and safety sunglasses.

Initial Parameters
Time - 2511111335C
PH - 7.36
Temp - 21.5°C
Cond - 1344us/cm
Turb - 0.75NTU's
pHpre - 7.03/10.01 (24.9°C)
pHpost - 7.02/10.01

Final
Time - 2511111341C
PH - 7.43
Temp - 21.3°C
Cond - 1338 us/cm
Turb - 0.69NTU's
pHpre - 6.98/9.99 (27.5°C)
pHpost - 6.99/10.01

Meter ID
pH/Cond - 18
Turb - 8
" Std - 9.30NTU's
" rdg - 9.35NTU's
" lot - A5022
" Exp - 11/30/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2511111336C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
—— 1337C	" (Dupl.)	"	"	"	"
—— 1338C	" (FB)	"	"	"	"
—— 1339C	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
—— 1340C	" (FB)	"	"	"	"

Total gallons purged: 2.5

*Initial packer pressure: 33psi.
final " " : 33psi.

Continued from page N/A

Read and Understood By

Craig Del Ferro 11/11/25

Ben Mumbe 11-12-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/11/25 Page 1 of 1

Sample Location: PL-12-800

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	LL NDMA						Charge Number
251111336C	3	A	✓							XGMD
1337C (Dupl.)	3	A	✓							"
1338C (FB)	3	A	✓							"
1339C	1	A		✓						"
1340C (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DeLeeuw	11/11/25 / 1420hrs.		[signature]	11-12-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Matt Garcia & AL Montes present. Weather is clear & cool. This well purged & sampled using a dedicated bladder pump. Samples collected from a DEHP sample tube. PPE Used - steel toe, nitrile gloves, safety Glasses. Carboy - G1

Initial Parameters	Final Para.
Time - 251113091 5A	251113 0955A
PH - 7.25	7.55
Temp - 17.0°C	17.2°C
cond - 1133 us/cm	1111 us/cm
Turb - 0.75	0.56 NTU's
PH pre - 7.03, 10.07 (13.7°C)	7.03, 10.05 (13.9)
" post - " "	" "
DTW - 478.60ft.	478.60ft

Meter ID

PH/cond - 15

Turb - 6

STD - 5.84 M

RDG - 6.18 M

LOT - 45022

EXP - 4/30

Buffers

7 - CC810377 9/26

10 - CC806076 7/26

Samples

Sample	Analysis	Preserv.	Cont.	Lot	Lab
251113 0945A	8260	Ice/HCL	(3) 40ML vials	2827	ALS
—— 0946A	" (FB)	"	"	"	"
—— 0750A	" (BC)	"	"	"	"
—— 0947A	6007	Ice	(1) 500ML Amber	02199015	SRI
—— 0751A	" (BC)	"	"	"	"
—— 0948A	T. Metals	Ice/HNO_3	(2) 125ML Poly	0908252AES	ALS
—— 0752A	" (BC)	"	"	"	ALS

Continued from page

Read and Understood By

Matt Garcia 11-13-25

Pam Munch 11-17-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11.13.25 Page 1 of 1

Sample Location: ST.1.541

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	6007	T. METALS					Charge Number
251113 0945A	3	A	x							YGMD
0946A (FB)	3	A	x							
0750A (BC)	3	A	x							
0947A	1	A		x						
0751A (BC)	1	A		x						
0948A	2	A			x					
0752A (BC)	2	A			x					

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Davis	11-13-25		[signature]	11-13-25 1015

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Craig Del Ferraro present. Weather is cloudy & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge hose. Carboy G2 in use. PPE used: steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters
Time - 251113 1000C
PH - 7.45
Temp - 20.5 'c
Cond - 1406 us/cm
Turb - 2.70 NTU's
pH pre - 7.10/10.13 (14.4 'c)
pH post - 7.09/10.13

Final
Time - 251113 1005C
PH - 7.38
Temp - 20.3 'c
Cond - 1398 us/cm
Turb - 2.33 NTU's
pH pre - 7.07/10.11 (16.4 'c)
pH post - 7.08/10.10

Meter ID
PH/Cond - 18
Turb - 8
" std - 9.30 NTU
" rdg - 9.38 NTU
" lot - A5022
" Exp - 11/30/25

Buffers	Lot	Ex
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251113 1001C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
——— 1002C	" (FB)	"	"	"	"
——— 1003C	607/Bromacil	ice	(1) 500ml amb.	0219901J	SRI
——— 1004C	" (Dupl.)	"	"	"	"

Initial DTW: 478.25ft.

Final DTW: 478.40ft.

Total gallons purged: 2

Continued from page N/A

Read and Understood By

Craig Del Ferro 11/13/25 Ben Mundt 11-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/13/25 Page 1 of 1

Sample Location: ST-1-630

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607						Charge Number
251113 1001C	3	A	✓							XGMD
1002C (FB)	3	A	✓							u
1003C	1	A		✓						u
1004C (Dupl.)	1	A		✓						u

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fiume	11/13/25 / 1020 hrs.		[signature]	11-13-25 / 1045

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & warm. This zone will be sampled using 5 triple rinsed, stainless steel sample tubes, Gen. in use. Probe #4755. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy G1

Sample	Analysis	Preservative	Container	Lot	Lab
251106 1300Y	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——— 1301Y	Low Level NDMA	ice	(1)1L Amber	011990IJ	SRI

Initial Parameters
Time - 251106/1330Y
PH - 8.09
Temp - 23.4°C
Cond - 970 us/cm
Turb - 0.78 NTU's
pH pre/post - 7.00/10.02 (25.7°C)
pH post - 7.01/10.02
DTW - 491.39 Ft.
Atmos - 12.47 psia

Final
Time - 251106 1415Y
PH - 8.15
Temp - 23.6°C
Cond - 979 us/cm
Turb - 0.72 NTU's
pH pre - 6.98/10.01 (27.3°C)
pH post - 6.99/10.02
DTW - 491.41 Ft.
Atmos - 12.48 psia
IDW - 1/2 gal.

Meter ID
pH/cond - 15
Turb - 6
u std - 5.84
u rdg - 5.80
u lot - A5022
u Exp - 11/30/25

Buffers Lot Exp
7 CC810372 9/26
10 CC806765 7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251106 1355Y	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——— 1356Y	Low Level NDMA	ice	(1)1L Amber	011990IJ	SRI

*PPE used/required: hard hat, steel-toed shoes, & safety sunglasses.

Runs
1) 12.71, 36.94, 36.97, 12.68
2) 12.67, 36.90, 36.92, 12.74
3) 12.71, 36.92, 36.90, 12.69

Continued from page N/A

Read and Understood By

Craig Del Ferraro 11/6/25

Peter Munck 11-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/6/25 Page 1 of 1

Sample Location: ST-5-485

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	Analytical Requirement: LLNDMA	Charge Number
251106 1300Y (EB)	3	A	✓		XGMD
1301Y (EB)	1	A		✓	4
1355Y	3	A	✓		4
1356Y	1	A		✓	4

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltano	11/6/25 / 1440hrs.		[signature]	11-7-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

11/6/25

PROJECT ST-5-655 WJI ENV-0020

Notebook No. ~~D63~~ D64 #134 (4) 59

Continued from page N/A

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & cool. This zone will be sampled using 5 steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe #4755. Surface checks performed on probe prior to sampling.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
251106075OY	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 0751Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

30 Min. Equipment blanks - Carboy GI

Sample	Analysis	Preservative	Container	Lot	Lab
251106 0855Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 0856Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 251106094OY
PH - 8.15
Temp - 22.8°C
Cond - 830 us/cm
Turb - 1.09 NTU's
pH pre - 7.09/10.06 (18.8°C)
pH post - 7.10/10.07
DTW - 491.31 ft. (top of well head)
Atmos - 12.50 psia

Final
Time - 251106 1007Y
PH - 8.04
Temp - 23.1°C
Cond - 821 us/cm
Turb - 0.98 NTU's
pH pre - 7.05/10.04 (20.4°C)
pH post - 7.06/10.03
DTW - 491.39 ft.
Atmos - 12.50 psia
IDW - ½ gal.

Meter ID
pH/Cond - 15
Turb - 6
" Std - 5.84
" rdg - 5.80
" lot - A5022
" Exp - 11/30/2

Buffers	Lot	Exp
7	CC810372	9/
10	CC806765	7/

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251106 1005Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1006Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Runs 1) 87.21, 110.52, 110.52, 87.18
2) 87.17, 110.51, 110.53, 87.13

*PPE used/required: hard hat, steel-toed shoes, and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferro 11/6/25

Per Munch 11-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11/6/25 Page 1 of 1

Sample Location: ST-5-655

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	Analytical Requirement: LL NDMA	Charge Number
251106075oy (TB)	3	A	✓		XGMD
0751y (TB)	1	A		✓	u
0855y (EB)	3	A	✓		u
0856y (EB)	1	A		✓	u
1005y	3	A	✓		u
1006y	1	A		✓	u

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	11/6/25 / 1115hrs.		[signature]	11-7-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

ROBERT BURROWS & JOEY TORCE PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SYSTEM. PURGE PRESSURE 22 lp SAMPLE PRESSURE 199 psi. BUBBLER SET @ 7psi & STABLE @ 6psi. CARBOY 6-3 A MIN OF 4 GALLONS PURGED & THE FIRST 350 m/s WILL BE DISCARDED.

INITIAL	FINAL
251104/1215B	251104/1235B
pH 8.44	8.46
TEMP 24.9°C	24.7
COND 1287	1285
TURB 0.63	0.69
PHPRE 7.00/10.00	7.00/10.00
PHPOST 7.01/10.01	7.01/10.01

METER ID's
pH/COND #18
TURB # 8
STD 9.30
RDG 9.45
WTR # A5822
EXP 11/20

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
251104/1230B	8260 BTEX	ICE/HCl	(3) 40ml VIAL'S	ALS
— 1231B	" (FB)	"	"	"
— 1232B	UNOMA	ICE	(1) 1LT AMBER	SAS
— 1233B	" (FB)	"	"	"

Continued from page

Read and Understood By

T. D. 11-4-25 B-87 Tom Mundt 11-5-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-4-25 Page 1 of 1

Sample Location: WW-4-415

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260C	1CVM A						Charge Number: X6MS
Sample Number										
251104 1230 B			X							
1231 B (FB)			X	X						
1232 B			X	X						
1233 B (FB)				X						

Sample Location:

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
Sample Number										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T-B	11-4-25 / 1400		[signature]	11-5-25 / 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

ROBERT BURROWS & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE SAMPLED USING A FLUTE SYSTEM. PURGE PRESSURE SET @ 221 PSI & SAMPLE PRESSURE @ 155 PSI, A MIN OF 4 gallons WILL BE PURGED & THE FIRST 3 TOWELS WILL BE DISCARDED. CARBOY 6-3

INITIAL		FINAL
251104/1240B		251104/1300B
pH	8.44	8.45
Temp	22.1	22.8
Cond	1237 µs/cm	1240
Turb	0.61	0.58
pH pre	7.01/10.00	7.00/10.00
pH post	7.00/10.00	7.00/10.01

METER ID's
pH/cond #18
TURB METER #8
STD = 9.30
Rdg = 9.45
LOT # A5022
EXP = 11/30

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
251104/1250B	8260C	HCl/4°	(3) 40ml vials	ALS
— 1251B	"	"	"	"
— 1252B	CLNDMS	4°	(1) LT Amber	SRT
— 1253B	"	"	"	

Continued from page

Read and Understood By

T. V. 11-4-25 Pam Mundo 11-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-4-25 Page 1 of 1

Sample Location: WW-4-589

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							
Sample Number			8260C	CCA3DN						Charge Number
251104 12501B			X							X6mD
12511B (FB)			X							
12521B				X						
12531B (FB)				X						

Sample Location:

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							
Sample Number										Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. [illegible]	11-4-25 / 1400		[illegible]	11-5-25 / 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

PROJECT WW-4-848 ENV 0110

Notebook No. D32 #141(B)

Continued from page

ROBERT BARROWS & TONY TORREZ PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SYSTEM. PURGE PRESSURE 221 psi & SAMPLE PRESSURE @ 159 psi. BUBBLER SET @ 3 psi & STABLE @ 6 gps. Carboy 6-3 THE FIRST 350 mls will BE discarded. A MIN of 4 gallons purged

INITIAL	FINAL
251105 1225B	251105 1235B
pH 7.85	7.80
TEMP 21.6	21.7
COND 1066	1070
TURB 0.65	0.71
phpre 7.01/10.00	7.01/10.00
phpost 7.00/10.00	7.00/10.01

METER ID's
pH/Cond 18
Turb 8
" STD 9.30
" Mfg 9.45
" Lot# A5022
" Exp 11/30

TRIP BLANKS

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
251105 0700B	8260C11	ICE/HCl	(3)40ml VIALS	ALS
—— 0701B	11 W/DMA	ICE	(1) LT AMBER	"

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
251105 1230B	8260C11	ICE/HCl	(3)40ml VIALS	ALS
—— 1231B	" (FB)	"	"	"
—— 1232B	11 W/DMA	ICE	(1) LT AMBER	"
—— 1233B	" (FB)	"	"	"

Continued from page

Read and Understood By

T. D. 11-5-25 Tom W. Munroe 11-5-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-5-25 Page 1 of 1

Sample Location: WW-4-848

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260C	Analytical Requirement: 1,2,3,4						Charge Number: XGMD
251105 0700 B	TB	3	A	X							
0701 B	TB	1			X						
1230 B		3		X							
1231 B	FB	3		X							
1232 B		1			X						
1233 B	FB	1			X						

Sample Location: WW-4-948

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260C	Analytical Requirement: 1,2,3,4						Charge Number: XGMD
251105 1250 B		3	A	X							
1251 B	FB	3		X							
1252 B		1			X						
1253 B	FB	1			X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. D	11-5-25 / 1400		[signature]	11-6-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

ROBERT Burrows. & Tony Torrez present. THE WEATHER IS CLEAR & WARM. This well will be purged & sampled using a flute system. Purge Pressure 221psi & Sample pressure 199psi. Bubbler set @ 3psi & Stable @ 60psi. Canboy G-3. THE first 550 mls will be discarded. A min of 4 gallons purged

	INITIAL	FINAL
251105	1249B	1255B
pH	8.35	8.39
Temp	22.5°c	22.4
Cond	1300	1289
Turb	0.59	0.63
phpre	7.00/10.00	7.00/10.00
phpost	7.01/10.00	7.00/10.01

METER ID's
pH/Cond # 18
Turb # 9
" Std = 9.30
" Rdg = 9.45
" Cal # = A502
" Exp = 11/30

Samples

Sample #	Analysis	Preserv	Cont	Lab
251105 1250B	8260C	Ice/HCl	(3) 40mlVials	ALS
—— 1251B	" (FB)	"	"	"
—— 1252B	" NDMA	Ice	(1) 1LT Amber	SRL
—— 1253B	" (FB)	"	"	"

Continued from page

Read and Understood By

T. D. 11.5.25 Tom Munda 11-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 11-5-25 Page 1 of 1

Sample Location: WW-4-848

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260C	Analytical Requirement: 1,2,3,4						Charge Number
										XGMD
251105 0700 TB	3	A	X							
0701 TB	1	|		X						
1230	3	|	X							
1231 FB	3	|	X							
1232	1	|		X						
1233 FB	1	—		X						

Sample Location: WW-4-948

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260C	Analytical Requirement: 1,2,3,4						Charge Number
										XGMD
251105 1250	3	A	X							
1251 FB	3	|	X							
1252	1	|		X						
1253 FB	1	—		X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T.	11-5-25 / 1400			11-6-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

AI MONTES & ROBERT BURRONS PRESENT. WEATHER IS COOL & CLEAR. THIS ZONE WILL BE SAMPLED W/ 5 TRIPLE RINSED STAINLESS TUBES, GEN IN USE. SURFACE CHECKS DONE PRIOR TO PROBE 4755. PPE: HARD HAT, STEEL TOE SHOES, GLASSES

INITIAL PARAMETERS	FINAL	METER ID	EQUIPMENT
TIME : 251208 1046y	251208 1420y	PH/COND : 17	7 : 18810372 9.26
PH : 7.16	7.25	TURBM. : 20	10 : cc806765 7.26
TEMP : 21.9°C	23.2°C	" STD: 8.96 NTU	
COND : 1076 uS/cm	1088 uS/cm	" RDG: 9.20 NTU	
TURB : 1.04 NTU	1.23 NTU	" CAT : A5022	
PH PRE : 7.02-10.03 (20.3°C)	7.02-10.04 (23.9°C)	" EXP: 12.26	
PH POST : 7.02-10.04	7.02-10.03		
ATMOS : 12.39 PSIG	12.39 PSIG		
DTW : 220.65 FT	220.66 FT		

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT #	LAB
251208 1010y	8260 (EB)	ICE. HCl	3-40mL VIALS	2827	ALS
1252y	8260	"	"	"	"
1253y	8260 (DUP)	"	"	"	"
1255y	607	ICE.	500mL AMB.	021401A	SRL
1011y	TOTAL METALS (EB)	ICE. HNO_3	2-125mL Poly	0408252AES	ALS
1330y	TOTAL METALS	"	"	"	"
1335y	ANIONS-ALK	ICE	"	0721252AES	"
1337y	TDS	ICE	250mL Poly	0811252AED	"
1412y	PERCHLORATE	ICE	125mL Poly	0210252EXD	"
1414y	NO_2NO_3	ICE. H_2SO_4	"	0707254ECS	"

FLAT TIRE ON WESTBAY THIS A.M.

RUN	1)	2)	3)	4)
	12.41	12.45	12.43	12.42
	23.42	23.36	23.36	23.35
	23.34	23.30	23.36	23.39
	12.45	12.45	12.42	12.42

Continued from page NA

Signed

12.8.25 Date

Read and Understood By

Tom Munk 12-9-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12.8.25 Page 1 of 1

Sample Location: 200.G.175

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260	607	TOTAL METAL	AN-025. ALK				Charge Number
											XGMD
251208 1010y	(EB)	3	A	x							
1252y		3	A	x							
1253y	(DUP)	3	A	x							
1255y		1	A		x						
1011y	(EB)	2	A			x					
1330y		2	A			x					
1335y		2	A				x				

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	TDS	PERCH.	NO2 NO3					Charge Number
251208 1337y		1	A	x							
1412y		1	A		x						
1414y		1	A			x					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12.8.25 3pm			12-9-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

12-5-25

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PROJECT 200-G-220 WJI ENV-0020

Notebook No. DC04 # 134(2)
Continued from page NA

Matt Garcia & Tim Kondy Present. Weather is clear & cool. This zone sampled using 5 triple rinsed stainless tubes. Gen. in use. Surface function test performed prior to sample. Probe 4755. PPE - Hard Hat, nitrile gloves, safety glasses, steel toe. Carboy G2

Initial Parameters	Final	Meter ID's
Time 251205 1215Y	251205 1238Y	PH/cond - 17
PH - 7.72	7.71	Turb - 20
Temp - 22.1°C	22.3°C	" STD - 8.90 NTU's
Cond - 1384 us/cm	1371 us/cm	" RDG - 9.30 NTU's
Turb - 1.00 NTU's	0.91 NTU's	" Lot - A5022
PH pre - 7.11, 10.05 (23.3°C)	7.09, 10.05 (23.1)	" EXP - 12/26
" post - " "	" "	Buffers Lot ETF
ATMOS - 12.41 Psia	12.42 Psia	7 " 810372 9/26
DTW - 220.62 ft.	220.05 ft	10 " 806765 7/26

Samples

Samples	Analysis	Preserv	cont	Lot	Lab
251205 1150Y	8260 (EB)	Ice/HCl	(3) 40 mL vials	2827	ALS
" 1235Y	8260	"	"	"	"
" 1236Y	607	Ice	(1) 1L Amber	0214801K	SR
" 1237Y	T. Metals	Ice/HNO_3	(2) 125mL Poly	0408252AE5	AL

* CP - 14.92
42.89

Runs	1)	2)
	16.91	16.86
	42.84	42.87
	42.85	42.86
	16.81	16.88

Continued from page

Read and Understood By

Matt Garcia 12-5-25 Tim Kondy 12-8-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-5-25 Page 1 of 1

Sample Location: 200-G-220

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	607	Tmetals					Charge Number
251205 1150 y (EB)	3	A	X							X GMD
1235x	3	↓	X							↓
1236y	1	↓		X						↓
1237x	2	↓			X					↓

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	12-5-25 1400hrs		[signature]	12-8-25 / 0825

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

12-5-25

PROJECT 200-G-340 WJI-ENV-0020

Notebook No. D64#134(Y) 73

Continued from page NA

Matt Garcia & Tim Kondy present. Weather is clear & cool. This zone sampled using 5 triple rinsed stainless tubes. Gen in use Surface function test performed prior to sampling. Probe 4755 PPE - Hard Hat, nitrile Gloves, safety glasses, Steel toe. Carboy G2

Initial Parameters		Final	
Time	251205 1040Y	251205 1110Y	
PH	8.22	8.17	
Temp	21.2°C	21.5°C	
Cond	1689 us/cm	1667 us/cm	
Turb	1.68 NTUs	1.51 NTUs	
PH Pre	6.99, 10.09 (20.7°C)	6.99, 10.07 (21.2°C)	
" POST	" "	" "	
ATMOS	12.42 PSIA	12.41 PSIA	
DTW	220.61 ft.	220.62 ft	

Meter I.D.

~~Meter I.D MC~~

PH/cond - 17

Turb - 20

STD - 8.96 NTUs

RDG - 9.30 NTUs

LOT - A5022

EXP - 12/26

Buffers	Lot	EXP
7	CC810372	9/26
10	CC806705	7/26

Samples

Sample	Analysis	Preserv	cont.	Lot	Lab
251205 1010Y	8260 (E.B)	Ice/HCL	(3) 40mL vials	2827	ALS
——— 1105Y	8260	"	"	"	"
——— 1106Y	607	Ice	(1) 500mL Amber	G214801K	SR
——— 1107Y	T. Metals	Ice/HNO_3	(2) 125mL Poly	0908252AES	AL

* CP-69.66
EP-122.23

Runs. 1) 69.25 2) 69.29
121.30 120.89
119.36 119.97
69.15 69.19

Continued from page

Read and Understood By

Matt Garcia 12-5-25

Tim Kondy 12-8-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-5-25 Page 1 of 1

Sample Location: 200-G-340

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	TMetals					Charge Number
251205101OY (EB)	3	A	X							XCMD
1105	3	↓	X							
1106	1			X						
1107	2	↓			X					

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	12-5-25 1400hrs		[signature]	12-8-25 / 0825

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

12-4-25

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PROJECT 200-G-420 WJI ENV-0620

Notebook No. D64 # 134(Y)

Continued from page NA

Matt Garcia & Tim Kondy present. Weather is clear & cool. This zone sampled using 5 Stainless triple rinsed tubes. Gen in use. Surface checks done prior to sample. Probe 4755. PPE. - Hard Hat Gloves, Steel Toe, safety glasses. Carboy 62

Initial Parameters	Final
Time - 251204 1350Y	251204/1435Y
PH - 7.65	6.90
Temp - 22.66c	19.9°C
Cond - 2.21 ms/cm	2.33 ms/cm
Turb - 1.31 NTU's	0.77 NTU's
PH pre - 6.97, 9.95 (20.9°C)	6.99, 10.01
" post - " "	" "
ATMOS - 12.27 Psia	12.32 psia
DTW - 220.59 Ft.	220.61 Ft

Meter ID's

PH/cond - 17
Turb - 20
STD - 8.96
RDG - 8.97
LOT - A50222
EXP - 12/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Samples	Analysis	Preserv	Cont	Lot	Lab
251204 1315Y	8260 (EB)	Ice/HCl	(3) 40 mL vials	2827	ALS
——— 1400Y	8260	"	"	"	"
——— 1401Y	607	Ice	(1) 500 mL Amber	G2148014	SRI
——— 1402Y	T. Metals	Ice/HNO_3	(2) 125 mL Poly	090825Z AES	ALS
——— 1430Y	Anions/ALK	Ice/Zero H.S.	(2) 125 mL Poly	072125ZERO	"
——— 1431Y	TDS	Ice	(1) 250 mL Poly	081252ADD	"
——— 1432Y	Perchlorate	Ice/1:1 H.S.	(1) 125 mL Poly	021025ZERO	"
——— 1433Y	NO_2 NO_3	Ice/H_2SO_4	(1) 125 mL Poly	070725 4ELK	"

Rooms 1) 104.44 2) 104.35 3) 104.12
185.82 185.81 185.78
185.82 185.78 185.81
104.40 104.23 104.02

Continued from page

Read and Understood By

Matt Garcia 12-4-25

Tim Kondy 12-5-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-4-25 Page 1 of 1

Sample Location: 200-G-420

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	T. Metals	Anions/ALK	TDS	Perchlorate		Charge Number
251204131 5Y (EB)	3	A	X							XGMD
1400Y	3		X							
1401Y	1			X						
1402Y	2				X					
~~1403~~ 1430Y	2					X				
1491Y	1						X			
1432Y	1							X		

Sample Location: 200-G-420

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: NO_2/NO_3							Charge Number
251204143 3Y	1	A	X							XGMD

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Gonzales	12-4-25 1500hrs		Jon W Jurado	12-5-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

12-4-25

PROJECT 200-G-495 WSI ENV-0020

Notebook No. DU64 #134(Y) 7

Continued from page NA

Matt Garcia & Tim Kondy present. Weather clear & cool. This zone sampled using 5 triple rinsed stainless sample tubes. Surface checks performed on probe prior to use. Geninv Probe 4755. PPE - Hard Hat, Gloves, steel toe, safety Glasses. GZ-carboy

Initial Parameters	Final	Meter ID's
Time - 251204 1020Y	251204 1045Y	PH/cond - 17
PH - 7.66	7.77	Turb - 20
Temp - 20.0°C	20.3°C	STD - 8.96
cond - 2.53 ms/cm	2.12 ms/cm	ROG - 8.94
Turb - 0.92 NTU's	1.52 NTU's	Lot - A5022
PH Pre - 7.01, 10.09 (19.3°C)	7.03, 10.05 (21.2°C)	EXP - 12/26
" Post - " "	" "	Buffers Lot EX
ATMOS - 1232 psia	12.41	7 - CC8103729
DTW - 220.55 ft.	220.59 ft	10 - CC8007657

Samples

Sample	Analysis	Preserv.	cont.	Lot	Lot
251204 0940Y	8260 (EB)	Ice/HCl	(3) 40ML vials	2827	A2
——— 1042Y	8260	"	"	"	"
——— 1043Y	607	Ice	(1) 500ML Amber	0214801K	SR
——— 1044Y	T. Metals	Ice/HNO_3	(2) 125ML Poly	090825ZAES	AL

Runs - 1) 137.01 2) - 136.95
218.24 218.25
212.25 218.26
136.97

Continued from page

Read and Understood By

Matt Garcia 12-4-25

Tim Kondy 12-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: ~~25~~ 26 12-04-25 Page 1 of 1

Sample Location: 200-6-495

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	T. Metals					Charge Number
251204 0940 Y (EB)			X							XGMD
1042 Y			X							↓
1043 Y				X						
1044 Y					X					

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Gonzales	12-4-25 1115 hrs		[signature]	12-5-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge hose. Carboy G3 in use. PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters	Final	Meter ID
Time - 251205 0950C	Time - 251205 0959C	pH/Cond - 16
pH - 8.31	pH - 8.41	Turb - 8
Temp - 18.3°C	Temp - 18.2°C	" std - 8.94 NTU's
Cond - 574us/cm	Cond - 569us/cm	" rdg - 8.86 NTU's
Turb - 0.34 NTU's	Turb - 0.27 NTU's	" lot - A5022
pH pre - 7.10/10.13 (12.2°C)	pH pre - 7.08/10.09 (15.8°C)	" Exp - 12/31/25
pH post - 7.11/10.13	pH post - 7.08/10.10	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251205 0955C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
—— 0956C	" (FB)	"	"	"	"
—— 0957C	607/Bromacil	ice	(1) 500ml amb.	0219901J	SRI
—— 0958C	Total Metals	ice/HNO_3	(2) 125ml polys	N/A	ALS

Blind Controls

Sample	Analysis	Preservative	Container	Lot	Lab
251205 1030C	VOA by 8260	ice/HCL	(3) 40ml vials	~~225GD~~ CP	ALS
—— 1031C	607/Bromacil	ice	(1) 500ml amb.	25GD061A	SRI
—— 1032C	Total Metals	ice/HNO_3	(2) 125ml polys	25GD061B	ALS
				25GD061C	

Initial DTW: 464.00 ft.

Total gallons purged: 2

Final DTW: 464.33 ft.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/5/25

Peter Wanke 12-8-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/5/25 Page 1 of 1

Sample Location: 700-B-510

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals				Charge Number
25120509 55C	3	A	✓						XGMD
—— 0956C (FB)	3	A	✓						"
—— 0957C	1	A		✓					"
—— 0958C	2	A			✓				"
—— 1030C (BC)	3	A	✓						"
—— 1031C (BC)	1	A		✓					"
—— 1032C (BC)	2	A			✓				"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement						Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Dalton	12/5/25 / 1100hrs		[signature]	12-8-25 / 0825

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection.
Carboy Plume Front.

Parameters

Time	-	251216 1440
PH	-	8.44
Temp	-	18.2°C
Cond	-	1086 uS/cm
Turb	-	1.06 NTU
PH pre	-	7.03 / 9.95 (19.1°C)
PH post	-	7.02 / 9.97

Meter ID

PH/Cond - Plume Front
Turb - :
= STD - 9.40 NTU
= ROG - 10.2 NTU
= LOT - NA
= EXP - 12/31/25

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251216 1442	VOA by 8260 LL	HCl / Ice	(8) 40 mL vials	2801	ALS
— 1443	= (FB)	=	=	=	=
— 1444	607 / Bromacil / Low Level NDMA	Ice	(1) 1L 500 ml Amber	02199015	SRI
— 1445	= (AB)	=	(1) 1L Amber	01199015	=
— 1446		=	=	=	=

Trip Blanks

Sample #	Analysis	Preserve	Container	lot	lab
251216 1230	VOA by 8260 LL	HCl / Ice	(3) 40 ml vials	2801	ALS
— 1231	LL NDMA	Ice	(1) 1L Amber	02199015	SRI

Continued from page

Read and Understood By

MJ Gallegos — Signed — 12-16-25 Date

Ron Munch — Signed — 12-17-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-16-25 Page 1 of 1

Sample Location: B650 · Eff-1

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number: XGMD
251216 1230	(TB)	3	A		X					
1231	(FB)	1					X			
1442		3			X					
1443	(FB)	3			X					
1444		1				X				
1445		1					X			
1446	(FB)	1					X			

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 16850	NO2/NO3 353.2	SVOA-SIM 1,4 DIOXANE 8270	Charge Number: XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MA	12-16-25 @ 1515	[signature]	12-17-25 / 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		
Time	-	251216 1450
PH	-	8.32
Temp	-	17.8°C
Cond	-	1077 µS/cm
Turb	-	1.29 NTU
PH pre	-	7.07 / 10.00 (18.8°C)
PH post	-	7.01 / 9.99

Meter ID	
PH/Cond	Plume Front
Turb	=
= STD	9.40 NTU
= RDG	~~10.2 NA~~ 10.2 NTU
= LOT	NA
= EXP	12/31/25

Buffers	lot	EXP
7	CC8610372	9/26
10	CC8806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251216 1452	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
— 1453	= (FB)	=	=	=	=
— 1454	607/Bromacil	Ice	(1) 500 ml Amber	0219401J	SRI
— 1455	= (Dup)	=	=	=	=

Continued from page

Read and Understood By

MA MA 12-16-25 Lori Wrenke 12-17-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-16-25 Page 1 of 1

Sample Location: B650 - Inf - 1

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	VOA 8260	LL-VOA 8260LL	NDMA/DMNJ/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
251216 1452	3	A	X						XGMD
1453 (FB)	3	"	X						"
1454	1	"			X				"
1455 (DUP)	1	"			X				"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	PERCHLORATE 6850	NO_2/NO_3 353.2	SVOA-SIM 8270 1,4 DIOXANE	Charge Number
						XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
	12-16-25 @ 1515		12-17-25 / 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters

Time - 251205 0548
PH - 8.48
Temp - 20.3°C
Cond - 1066 uS/cm
Turb - 0.64 NTU
PHpre - 6.99 / 9.98 (18.1°C)
PHpost - 7.00 / 9.99

Meter ID

PH/Cond - Plume Front
Turb - :
= STD - 9.40 NTU
= BOG - 9.28 NTU
= LOT - NA
= EXP - 12/31/25

Buffers	lot	EXP
7	KC810372	9/26
10	KC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251205 0550	VOA by 8260 LL	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0551	= (FB)	=	=	=	=
—— 0552	607/Bromacil	Ice	(1) 500ml Amber	02/9901J	SBL
—— 0553	Low Level NDMA	=	(1) 1L Amber		=
—— 0554	= (FB)	=	=	=	=

Continued from page

Read and Understood By

MA MA 12/5/25

Ron Munch 12-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/5/25 Page 1 of 1

Sample Location: B655 : Eff · 2

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 LOW LEVEL NDMA	Total Metals	Anions / Alk	TDS SM2540C	Charge Number
2512050550	3	A			X					XGMD
0551 (FB)	3				X					
0552	1					X				
0553	1						X			
0554 (FB)	1						X			

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270	Charge Number
							XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	12/5/25 @ 0620	[signature]	12-5-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front

Parameters		Meter ID		Buffers	lot	Exp
Time	2512050600	pH/Cond	Plume Front	7	CC810512	9/26
pH	7.22	Turb	:	10	CC806765	7/26
Temp	19.9°C	= STD	9.40 NTU			
Cond	1046 uS/cm	= BOG	9.28 NTU			
Turb	0.30 NTU	= LOT	NA			
pH pre	7.00/9.99 (18.2°)	= EXP	12/31/25			
pH post	6.99/9.98					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2512050603	VOA by 8260	HCl/Ice	(3) 40ml vials	2801	ALS
—— 0604	= (FB)	=	=	=	=
—— 0605	607/Bromacil	Ice	(1) 500ml Amber	02199015	SRL

Continued from page

Read and Understood By

MA 12/5/25 Pete Mundt 12-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/5/25 Page 1 of 1

Sample Location: B655 · Inf · 2

Sample Number	# of Containers	Sample Matrix*	VOA 8260	LL-VOA 8260LL	NDMA/DMNJ/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
2512050603	3	A	X						XGMD
0604 (FB)	3	A	X						
0605	1	A			X				

Pertinent Notes (if any)

Sample Location:

Sample Number	# of Containers	Sample Matrix*	PERCHLORATE 6850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270	Charge Number
						XGMD

Pertinent Notes (if any)

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MA	12/5/25 @ 0620	[signature]	12-5-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AL MONTES & ROB BURROWS PRESENT. THIS WELL WILL BE SAMPLED WITH A DEDICATED BLADDER PUMP. WEATHER IS COLD AND CLEAR. SAMPLES WILL BE TAKEN FROM A NON PERIP DISCHARGE TUBE. CARBOY G-3.

INITIAL PARAMETERS	FINAL	METER ID	BUFFERS	EXP
TIME: 251210 0925c	251210 0945c	PH/COND: 16	7: <<810372	9.26
PH: 6.94	7.01	TURB MTR: 8	10: <<806765	7.26
TEMP: 17.9 °C	17.8 °C	" STD: 8.94NTU		
COND: 1016 uS/cm	1012 uS/cm	" RDG: 8.87NTU	DTW - 501.60FT	
TURB: 0.45 NTU	0.61 NTU	" LOT #: AS022	IDW - 2gal	
PH PRE: 7.03 - 10.04 (16.1c)	7.04 - 10.04 (18.3c)	" EXP: 12.26		
PH POST: 7.02 - 10.05	7.03 - 10.04			

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT #	LAB
251210 0930c	8260	ICE-HCL	3-40ML VIALS	2827	ALS
——— 0933c	8260 (FB)	"	"	"	"
——— 0745c	8260 (TB)	"	"	"	"
——— 0930c	LL NDMA	ICE	1LT AMBER	0114B01K	SEL
——— 0934c	LL NDMA (FB)	"	"	"	"
——— 0746c	LL NDMA (TB)	"	"	"	"

Continued from page NA

12.10.25

Read and Understood By

12-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12·10·25 Page 1 of 1

Sample Location: BM-7-SOP

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	LL NDMA						Charge Number
										XGMD
251210 0930c	3	A	X							
0933c (FB)	3		X							
0745c (TB)	3		X							
0936c	1			X						
0939c (FB)	1			X						
0746c (TB)	1			X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12.10.25 11AM			12-15-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

12-10-25

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PROJECT BLM-27-270 WJI ENV-0053

Notebook No. D32 # 140(A)
Continued from page N/A

Matt Garcia & Tony Torrez present. Weather clear & cool. This well purged & sampled using a dedicated bladder pump. Samples collected using a PFAS Free Non DEHP tubing. PPE, Gloves, steel toe. Carboy 62. IDW - 2.0gal

Initial Parameters	Final	Meter ID's
Time - 251210 1420A	251210 1440A	PH/Cond - 17
PH - 7.24	7.12	Turb - 20
Temp - 20.1 °C	20.2	STD - 8.96
Cond - 911 us/cm	910 us/cm	RDG - 951
Turb - 0.77 NTU's	0.51 NTU	LOT - A502
PH Pre - 7.04, 10.06 (18.7°C)	7.05, 10.08 (19.1)	EXP - 12-2
" Post - " "	" "	Buffer Lot EXP
DTW - 231.20ft	231.20ft	7 "C806729/2
		10 "C806765-7/8

Samples

Sample	Analysis	Preserv	cont.	Lot	Lab
251210 1430A	8260	Ice/HCl	(3) 40ML Vials	28274	AL
—— 1431A	" (DUP)	"	"	"	"
—— 1432A	" (FB)	"	"	"	"
—— 1433A	6010	Ice	(1) 500 ML Amber	2148014	SR
—— 1434A	" (DUP)	"	"	"	"
—— 1435A	T. Metals	Ice/HNO3	(2) 125 ML Poly	0908252AES	AC
—— 1436A	" (DUP)		"		"

Continued from page

Read and Understood By

Matt Garcia 12-10-25 Tony Torrez 12-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-10-25 Page 1 of 1

Sample Location: BLM-27-270

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	6007	T. metals					Charge Number
251210 1430A	3	A	X							XGMD
1431A (DUP)	3		X							
1432A (FB)	3		X							
1433A	1			X						
1434A (DUP)	1			X						
1435A	2				X					
1436A (DUP)	2				X					

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*								Charge Number

Analytical Requirement

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Hall	12-10-25 1500		Jeri W Jaramillo	12-15-25 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Dan Halvorsen & Craig DelFerraro present. Weather is clear & cold. This well will be purged using a dedicated bladder pump. Samples will be collected using non DEHP (PFAS free) discharge hose. Carboy G1 in use PPE used/required: nitrile gloves, steel-toed shoes, and safety sunglasses

Trip blanks – Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
251209074OB	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——— 0741B	Low Level NDMA	ice	(1)1L Amber	0114801K	SRI

Initial Parameters
Time – 251209 0910B
PH – 7.44
Temp – 19.0°C
Cond – 687 us/cm
Turb – 0.29 NTU's
pH pre – 7.16/10.13 (11.7°C)
pH post – 7.16/10.14

Final
Time – 251209 0920B
PH – 7.53
Temp – 18.8°C
Cond – 680 us/cm
Turb – 0.22 NTU's
pHpre – 7.11/10.09 (14.3°C)
pHpost – 7.10/10.08

Meter ID
pH/Cond – 15
Turb – 6
" Std – 4.22 NTU
" rdg – 4.30 NTU
" lot – A5022
" Exp – 12/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251209091 5B	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——— 0916B	" (FB)	"	"	"	"
——— 0917B	Low Level NDMA	ice	(1)1L Amber	0114801K	SRI
——— 0918B	" (Dupl.)	"	"	"	"
——— 0919B	" (FB)	"	"	"	"

* Initial packer pressure: 23 psi Total gallons purged: 2
Final " " : 23 psi

* Transducer had been recently pulled from this well. No DTW can be collected.

Continued from page N/A

Read and Understood By

Craig DelFerraro 12/9/25

Peter Munds 12-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/9/25 Page 1 of 1

Sample Location: BLM-42-569

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LL NDMA						Charge Number
25120907408 (TB)	3	A	✓							XGMD
0741B (TB)	1	A		✓						"
0915B	3	A	✓							"
0916B (FB)	3	A	✓							"
0917B	1	A		✓						"
0918B (Dupl.)	1	A		✓						"
0919B (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DeFreno	12/9/25/1000hrs.		Jon W Jones	12-10-25/0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge hose. (PFAS free tubing). Carboy GI in use. PPE used/required: nitrile gloves, steel-toed shoes, and safety sunglasses.

Initial Parameters	Final	Meter ID
Time-251209 1415B	Time-251209 1425B	pH/Cond-15
PH - 7.69	PH - 7.59	Turb - 6
Temp - 19.0°C	Temp - 19.3°C	u std - 4.22 NTU's
Cond - 640 us/cm	Cond - 636 us/cm	u rdg - 4.30 NTU's
Turb - 0.28 NTU's	Turb - 0.24 NTU's	u lot - A5022
pH pre - 7.03/10.01 (25.6°C)	pH pre - 7.02/10.01 (26.3°C)	u Exp - 12/31/25
pH post - 7.03/10.00	pH post - 7.03/10.01	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Sample	Analysis	Samples Preservative	Container	Lot	Lab
251209 1420B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
" 1421B	*u (MS)*	u	u	u	u
" 1422B	u (FB)	u	u	u	u
" 1423B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
" 1424B	u (FB)	u	u	u	u

*Initial packer pressure: 23 psi
final u u : 23 psi

Total gallons purged: 2.5

*Transducer had recently been removed from this well. No DTW can be collected.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/9/25 Tom Mumbe 12-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/9/25 Page 1 of 1

Sample Location: BLM-42-709

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA						Charge Number
251209 1420B	3	A	✓							XGMD
1421B (MS)	3	A	✓							4
1422B (FB)	3	A	✓							4
1423B	1	A		✓						4
1424B (FB)	1	A		✓						4

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	12/9/25/1450hrs.		[signature]	12-10-25 /0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

12-10-25

PROJECT BW-7-211 WSI ENV-0053

Notebook No. D32 #140(A) 27

Continued from page N/A

Matt Garcia & Tony Torrez present. weather is clear & cold. This well Purged & sampled using dedicated bladder pump. Samples collected using a PFAS Free Non DEHP tubing. PPE, Gloves, Steel toe, Safety glasses. Carboy GZ IDW - 1.5gal

Initial Parameters	Final	Meter ID's
Time - 251210093SA	251210095OA	PH/cond - 17
PH 7.10	7.21	Turb - 20
Temp - 20.3°C	20.2°C	STD - 8.96u
Cond - 1121 us/cm	1129 uscm	RDG - 9.51u
Turb 0.51 NTU's	0.47 NTUs	LOT - A5027
PH Pre - 7.03, 10.05, 7.6°C	7.05, 10.07 (17.9°C)	EXP - 12-26
" Post - a "	" "	Buffers Lot EX
DTW - 192.15ft	192.15ft	7 CC810372 9/2
		10 CC806765 7/2

Samples

Sample	Analysis	Preserv	Cont	Lot	Lot
251210094OA	8260	Ice/HCL	(3)40mL vials	2827	AL
——— 0941A	" (FB)	"	"	"	"
——— 0942A	607	Ice	(1)500mL Amber	02K80K	SS

Continued from page

Read and Understood By

Matt Garcia 12-10-25 Tony Torrez 12-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-10-25 Page 1 of 1

Sample Location: BW-7-211

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007						Charge Number
2512100940A	3	A	X							XGMD
0941A	3	↓	X							↓
0942A	1	↓		X						↓

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
McAA	12-10-25 1115hrs			12-15-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AL NOTES & ROB BURROWS PRESENT. WEATHER IS SUNNY & CLEAR. THIS WEL WILL BE SAMPLED USING A DEDICATED BLADDER PUMP. SAMPLES WILL BE TAKEN FROM A NON DEHP DISCHARGE TUBE. CARBOY G·3.

INITIAL PARAMETERS	FINAL	METER ID	BUFFERS EXP
TIME: 251210 1410c	251210 1435c	PH/COND: 16	7 : cc810372 9·26
PH : 7.91	7.86	TURB MTR: 8	10 : cc806765 7·26
TEMP: 21.3 °C	21.5 °C	" STD: 8.94 NTU	
COND: 962 uS/cm	963 uS/cm	" RDG: 8.87 NTU	DTW: 482.97 FT
TURB: 0.54 NTU	0.43 NTU	" LOT#: A50222	IDW: Egal
PH PRE: 7.04 · 10.05 (22.2°)	7.03 · 10.04	" EXP: 12·26	
PH POST: 7.05 · 10.04	7.02 · 10.03		

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251210 1415c	8260	ICE. HCl	3·40ML VIALS	2827	ACS
— 1417c	8260 (FB)	"	"	"	"
— 1419c	607	ICE	500ML AMB	02199011	SRL
— 1422c	LL NDMA	"	1LT AMBER	0114801K	"
— 1424c	LL NDMA (DUP)	"	"	"	"
— 1426c	LL NDMA (FB)	"	"	"	"

Continued from page NA

Read and Understood By

12·10·25 Peter W Munch 12-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-10-25 Page 1 of 1

Sample Location: PL-2-504

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	LCADMA					Charge Number
ES121014150		3	A	X							XGMD
1417C	(FB)	3		X							
1419C		1			X						
1422C		1				X					
1424C	(DUP)	1				X					
1426C	(FB)	1				X					

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12-10-25 3PM			12-15-25 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP tubing (PFAS free discharge hose). PPE in use: nitrile gloves, steel-toed shoes, and safety sunglasses.

Initial Parameters	Final	Meter ID
Time - 251208 0920A	Time - 251208 0929A	pH/Cond - 15
PH - 7.58	PH - 7.49	Turb - 6
Temp - 17.3°C	Temp - 17.7°C	" Std - 4.22 NTU's
Cond - 1075 us/cm	Cond - 1067 us/cm	" rdg - 4.28 NTU's
Turb - 0.38 NTU's	Turb - 0.30 NTU's	" lot - A5022
pHpre - 7.14 / 10.17 (9.4°C)	pHpre - 7.13 / 10.15 (10.7°C)	" Exp - 12/31/25
pHpost - 7.15 / 10.17	pHpost - 7.13 / 10.16	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

*Carboy G1 in use.

Sample	Analysis	Preservative	Container	Lot	Lab
251208 0925A	VOA by 8260	ice / HCL	(3) 40ml vials	2827	ALS
——— 0926A	" (FB)	"	"	"	"
——— 0927A	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 0928A	" (FB)	"	"	"	"
——— 1030A	" (BC)	"	"	25GD062A	"

Initial DTW: 456.00 ft.

Total gallons purged: 1.5

Final DTW: 456.09 ft.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/8/25

Dan Halvorsen 12-9-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/8/25 Page 1 of 1

Sample Location: PL-4-464

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	Analytical Requirement: LLNDMA					Charge Number
251208 0925A	3	A	✓						XGMD
0926A (FB)	3	A	✓						"
0927A	1	A		✓					"
0928A (FB)	1	A		✓					"
1030A (BC)	1	A		✓					"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement						Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DeFreno	12/8/25/1050hrs.		[signature]	12-9-25 / 0910

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tim Hoxby + Matt Garcia present. Weather is cool and partly cloudy. Well will be sampled with 5 triple rinsed stainless steel sample tubes. Surface checks done on probe # 1795 prior to sampling. Gen in use. Calib. # 12

Initial Parameters	Final	Meter #
Time - 251203 1055 y	251203 1445 y	pH/cond - 17
pH = 8.37	8.42	TURB - 20
Temp 21.2	22.8	" std - 8.95
cond - 953 us/cm	965 us/cm	" Rds - 8.91
TURB - 0.67	0.59	" Lot # - A5022
pH pre cal - 7.05 - 10.13		" Exp. - 12-26-25
pH post cal - 7.11 - 10.21		
Atmos - 12.31		
DTW - NA - probe sticking to casing		

Sample #	Analysis	Sample Preser.	Cont.	Lot #	Lab
251203 0930 y	8260 LL (TB)	Ice, HCL	(3) 40 ml Vial	2827	ACS
— 0931 y	LL NDMA (TB)	ice	(1) 1 LT Amber	1199015	SRI
— 1000 y	8260 LL (30 ml EB)	Ice, HCL	(3) 40 ml Vial	2827	ACS
— 1001 y	LL NDMA (30 ml EB)	ice	(1) 1 LT Amber	1199015	SRI
— 1330 y	8260 LL	Ice, HCL	(3) 40 ml Vial	2827	ACS
— 1331 y	LL NDMA	ice	(1) 1 LT Amber	1199015	SRI
— 1440 y	SVOA SIM	ice	(1) 250 ml Amber	121624-1GJ	ACS

RUN # 1.) 14.14 19.92 19.90 14.17
2.) 14.12 19.95 19.93 14.11
3.) 14.06 19.91 19.89 14.11
4) 14.03 19.85 19.86 14.05

Continued from page

Read and Understood By

(— Cont.) 12-3-25 Pam Munch 12-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-3-25 Page _____ of _____

Sample Location: PL-8-455

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	NPMA	SVOA SIM					Charge Number
										XGMD
251203 0930Y (TB)	3	A	X							
— 0931Y (TB)	1			X						
— 1000Y (EB)	3		X							
— 1001Y (EB)	1			X						
— 1330Y	3		X							
— 1331Y	1			X						
— 1440Y	1				X					

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12-3-25			12-4-25 / 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tim Kenny & Matt Garcia present. Weather - 5 cool and clear. Well will be sampled with 5 sample hosed stainless steel sample tubes. Surface checks done on Probe 4755 prior to sampling. Generator in use. Calibrated G2

Initial Parameters	Final	Meter #
Time - 251202 1310Y	251202 1420Y	pH/cond - 17
pH - 8.21	8.17	TURB - 20
Temp - 22.3	22.1	" std - 8.95
cond - 1098 uS/cm	1084 uS/cm	" Rdg - 8.99
TURB - 1.27	1.17	" Lot - A5022
pH pre cal - 7.05 - 10.15		Exp. - 12-25-25
pH post cal - 7.09 - 10.19		
Atmos - 12.32 psia		

PTW - DA probe was sticking to side of casing

Sample #	Analysis	Sample Preserv	Cont.	Lot	Lab
251202 1030Y	8260 2L (30 min EB)	Ice HCL	(3) 40 ml Vial	2827	ALS
— 1031Y	NPHA 2L (30 min EB)	Ice	(1) 1 LT Amber	1199015	TRF
— 1330Y	8260 2L	Ice, HCL	(3) 40 ml Vial	2827	ALS
— 1331Y	NPHA 2L	Ice	(1) 1 LT Amber	1199015	TRF
— 1410Y	5 VOA SGM	Ice,	(1) 250 ml Amber	121624-1GT	ALS

RUN #	1.)	2.)	3.)
	79.74	79.67	79.73
	84.67	84.66	84.67
	84.62	84.64	84.65
	79.73	79.67	79.62

Continued from page

Read and Understood By

Tim Kenny 12-2-25 Pete Wunderlich 12-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-2-25 Page _____ of _____

Sample Location: PL-8-605

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260 CL	NDMA LC	SVOA SIM					Charge Number
										XGMD
251202 1030Y (EB)	3	A	X							
— 1031Y (EB)	1			X						
— 1330Y	3		X							
— 1331Y	1			X						
— 1410Y	1				X					

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12-2-25			12-3-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear, cool, & breezy. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged at least 4 times ~~until~~ @ every 15-20 minutes until at least 4 gallons has been collected. Purge pressure set @ 22 7psi and sample pressure set @ 20 5psi. Bubbler set @ 3psi and stable @ 7psi. The first 350 ml collected just prior to sampling will be discarded. Carboy #3 in use.

Pre-parameters
Time - 251201 1130B
PH - 8.05
Temp - 20.9°C
Cond - 1042 us/cm
Turb - 0.45 NTU's
pH pre - 7.10/10.13 (12.5°C)
pH post - 7.09/10.14

Parameters
Time - 251201 1215B
PH - 8.11
Temp - 21.3°C
Cond - 1036 us/cm
Turb - 0.40 NTU's
pH pre - 7.05/10.07 (19.7°C)
pH post - 7.06/10.09

Meter ID
pH/cond - 16
Turb - 8
" std - 8.94
" rdg - 8.90
" lot - A502
" Exp - 12/31/25

Buffers	Lot	Exp
7	CCB10372	9/26
10	CCB06765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251201 1220B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1221B	" (Dupl.)	"	"	"	"
——— 1222B	" (FB)	"	"	"	"
——— 1223B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 1224B	" (FB)	"	"	"	"
——— 1225B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1GJ	ALS

Total gallons purged: 4.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/1/25 Per W Munck 12-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/1/25 Page 1 of 1

Sample Location: PL-11-470

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LL NDMA	Dioxane					Charge Number
251201220B	3	A	✓							XGMD
1221B (Dup.)	3	A	✓							"
1222B (FB)	3	A	✓							"
1223B	1	A		✓						"
1224B (FB)	1	A		✓						"
1225B	1	A			✓					"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelZenno	12/1/25 / 1320hrs.			12-2-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tony Torrez & Craig Del Ferraro present. Weather is clear, cool, & breezy. This zone will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged at least 4 times every 15-20min. until at least 4 gallons has been collected. Purge pressure set @227psi and sample pressure set @205 psi. Bubbler set @ 3psi and stable @ 7psi. The first 350ml collected just prior to sampling will be discarded. Carboy G3 in use.

Pre-parameters	Parameters	Meter ID
Time-251201115OB	Time-251201124OB	pH/cond-16
pH - 7.68	pH - 7.74	Turb - 8
Temp - 21.2°C	Temp - 21.4°C	" std - 8.94 NTU's
Cond - 1060 us/cm	Cond - 1069 us/cm	" rdg - 8.90 NTU's
Turb - 0.27 NTU's	Turb - 0.29 NTU's	" lot - A5022
pHpre-7.12/10.14(12.8°C)	pHpre-7.06/10.08(20.3°C)	" Exp-12/31/25
pHpost-7.10/10.13	pHpost-7.05/10.07	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251201124SB	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——1246B	" (FB)	"	"	"	"
——1247B	Low Level NDMA	ice	(1)1L Amber	0114801K	SPL
——1248B	" (FB)	"	"	"	"
——1249B	1,4 Dioxane by 8270D	"	(1)250ml amb.	121624-1AT	ALS

Total gallons purged: 4.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/1/25 Tom Munk 12-1-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/1/25 | Page 1 of 1

Sample Location: PL-11-530

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA	Dioxane					Charge Number
Pertinent Notes (if any)										
251201 1245B	3	A	✓							XGMD
1246B (FB)	3	A	✓							4
1247B	1	A		✓						4
1248B (FB)	1	A		✓						4
1249B	1	A			✓					4

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
Pertinent Notes (if any)										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig McTeague	12/1/25 / 1320hrs.		[signature]	12-2-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Al montes & Dan Halvorsen present. Weather is clear and cool. This Zone will be sampled using 2 triple rinsed stainless steel sampling tubes. Surface checks performed on Probe #1539 prior to sampling. PPE used, hard hat, Nitrile gloves, Safety glasses and boots. Carboy #2 in use.

30 minute Equipment blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
251201 1340 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml vial	2827	ALS
—— 1341 y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Initial Parameters	Final	Meter ID
Time = 251201 1442 y	251201 1437 Y	pH/COND = 17
pH = 7.41	7.50	TURB = 20
TEMP = 22.9 °C	22.9	DO = 8.95
COND = 1144 ms/cm	1139	ORP = 8.97
TURB = 0.56 NTUs	0.55	LOT = A5022
pH Pre = 7.09 - 10.13	7.06 - 10.10	Exp = 12/25
pH Post = 7.06 - 10.12	7.05 - 10.10	
ATMOS = 12.54 psia	12.54	
DTW = 416.19 ft.	416.23 ft.	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	LAB
251201 1435 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml vial	2827	ALS
—— 1436 y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Runs-	1)	2)
	38.04	37.84
	36.12	36.10
	36.12	36.09
	37.78	37.77

Continued from page

Read and Understood By

12-1-2025 Ken Mundt 12-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-1-2025 Page _____ of _____

Sample Location: WW-3-469

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: NDMA						Charge Number
										XGMD
251201 1340 EB	3	A	4							
1435	3		4							
1341 EB	1			2						
1436	1			2						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12-1-2025 1500			12-2-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tony Torrez & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 m until at least 4 gallons has been collected. Parameters must be stable prio to sampling. Purge pressure set @ 227psi and sample pressure set @ 205psi. Bubbler set @ 3psi and stable @ 7psi. The first 350ml collected just prior to sampling will be discarded. Carboy ~~G3~~ G1 in use.

Pre-parameters	Parameters	Meter ID
Time-251202 1140B	Time-251202 1230B	pH/Cond - 16
PH - 8.36	PH - 8.32	Turb - 8
Temp - 19.4°C	Temp - 19.1°C	" std - 8.94 NTU
Cond - 1019 us/cm	Cond - 1012 us/cm	" rdg - 8.88 NTU
Turb - 0.47 NTU's	Turb - 0.53 NTU's	" lot - A5022
pH pre - 7.05/10.03 (22.0°C)	pH pre - 7.04/10.02 (22.8°C)	" Exp - 12/31/25
pH post - 7.06/10.03	pH post - 7.05/10.02	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251202 1231B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
——— 1232B	" (FB)	"	"	"	"
——— 1233B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 1234B	" (FB)	"	"	"	"
——— 1235B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1GJ	ALS

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/2/25

Tom Murdock 12-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/2/25 Page 1 of 1

Sample Location: PL-11-710

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260LL	LLNDMA	Dioxane					Charge Number
251202 1231B	3	A	✓							XGMD
1232B (FB)	3	A	✓							u
1233B	1	A		✓						u
1234B (FB)	1	A		✓						u
1235B	1	A			✓					u

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	12/2/25 / 1345hrs.		[signature]	12-3-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tony Torrez & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. Samples will be collect using a dedicated discharge hose. This zone will be purged every 15-20 minutes until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 227 psi and sample pressur set @ 205 psi. Bubbler set @ 3psi and stable @ 7 psi. The first 350ml collected just prior to sampling will be discarded. Carboy G1 in use.

Pre-parameters
Time-251202 1150B
PH - 8.51
Temp - 20.1°C
Cond - 942 us/cm
Turb - 0.23 NTU's
pH pre - 7.03/10.04 (22.6°C)
pH post - 7.04/10.02

Parameters
Time-251202 1255B
PH - 8.60
Temp - 19.9°C
Cond - 934 us/cm
Turb - 0.23 NTU's
pH pre - 7.03/10.01 (24.7°C)
pH post - 7.02/10.01

Meter ID
pH/Cond - 16
Turb - 8
" Std - 8.94 NTU
" rdg - 8.88 NTU
" lot - A5022
" Exp - 12/31/25

Buffers Lot Exp
7 CC810372 9/26
10 CC806765 7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251202 1256B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1257B	" (FB)	"	"	"	"
——— 1258B	Low Level NDMA	ice	(1) 1L Amber	0114801k	SRL
——— 1259B	" (FB)	"	"	"	"

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferro 12/2/25

Pam Munch 12-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/2/25 Page 1 of 1

Sample Location: PL-11-820

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA						Charge Number
251202 1256B	3	A	✓							XGMD
1257B (FB)	3	A	✓							"
1258B	1	A		✓						"
1259B (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zenno	12/2/25 / 1345hrs.		[signature]	12-3-25 / 0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tony Torrez & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 minutes until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 227 psi and sample pressure set @ 205psi. Bubbler set @ 3psi and stable @ 7psi. The first 350ml collected just prior to sampling will be discarded. ~~Carboy G3~~ Carboy G1 in use.

Pre-parameters
Time- 25/202/200B
PH - 8.68
Temp - 19.2°c
Cond - 916us/cm
Turb - 0.40 NTU's
pHpre - 7.04/10.02 (23.3°c)
pHpost - 7.03/10.00

Parameters
Time- 25/202/315B
PH - 8.77
Temp - 19.9°c
Cond - 909us/cm
Turb - 0.35 NTU's
pHpre - 7.01/10.01 (26.5°c)
pHpost - 7.02/10.00

Meter ID
pH/Cond - 16
Turb - 8
" Std - 8.94 NTU
" rdg - 8.88 NTU
" lot - A5022
" Exp - 12/31/25

Buffers

	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
25/202/1316B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
—— 1317B	" (FB)	"	"	"	"
—— 1318B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRL
—— 1319B	" (FB)	"	"	"	"

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/2/25 Pam Munck 12-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/2/25 Page 1 of 1

Sample Location: PL-11-980

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LLNDMA						Charge Number
251202 1316B	3	A	✓							XGMD
1317B (FB)	3	A	✓							"
1318B	1	A		✓						"
1319B (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fiume	12/2/25/1345hrs.		Jon W Jmuda	12-3-25 /0810

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP tubing (PFAS free discharge hose). PPE used/required: nitrile gloves, steel-toed shoes, and safety sunglasses. Carboy G1 in use.

Initial Parameters
Time - 251208 1355A
PH - 7.81
Temp - 19.1°C
Cond - 939us/cm
Turb - 0.35 NTU's
pHpre - 7.05/10.03 (23.9°C)
pHpost - 7.04/10.03

Final
Time - 251208 1403A
PH - 7.82
Temp - 18.9°C
Cond - 926us/cm
Turb - 0.28us/cm
pHpre - 7.03/10.01 (25.4°C)
pHpost - 7.03/10.00

Meter ID
pH/cond - 15
Turb - 6
" std - 4.22 NTU
" rdg - 4.28 NTU
" Id - A50222
" Exp - 12/31/25

Buffers Lot Exp
7 CC810372 9/26
10 CC806765 7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251208 1400A	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
1401A	" (FB)	"	"	"	"
1402A	607/Bromacil	ice	(1) ~~N~~ 500ml amb. ~~clr~~ CO	021990LJ	SRL

Initial DTW: 478.77ft.

Total gallons purged: 1.5

Final DTW: 478.86ft.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/8/25

Dan Halvorsen 12-9-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/8/25 Page 1 of 1

Sample Location: ST-1-473

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607						Charge Number
251208 1400A	3	A	✓							XGMD
1401A (FB)	3	A	✓							"
1402A	1	A		✓						"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	12/8/25/1430hrs		Jon Wunder	12-9-25 / 0910

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

12-9-25

PROJECT ST-3-486 WSI ENV-0053

Notebook No. D32 #140(A) 25

Continued from page N/A

Matt Garcia & Tony Torrez present, Weather is clear & cool. Thi. well purged & sampled using dedicated bladder pump. Samp collected using a NON DEHP tubing (PFAS Free ~~#~~). PPE, Gloves steel toe, safety glasses. Carboy - 62 IDW - 1.5gal

Initial Parameters		Final Parameters		Meter ID's	
Time	251209 0945A	251209 1010A		PH/cond	- 17
PH	- 6.85	6.93		Turb	- 20
Temp	- 19.4°C	19.4°C		STD	- 8.96 m
Cond	- 1052 us/cm	1049 us/cm		RDG	- 9.24 m
Turb	- 0.22 NTU's	0.27 NTU's		Lot	- A502
PH pre	- 7.03, 10.07 (17.8°C)	7.05, 10.07 (17.4°C)		EXP	- 12/26
" Post	" "	" "			
DTW	- 469.05 Ft	469.05 Ft.			

Samples

Sample	Analysis	Preserv.	cont.	Lot	Lab
251209 1000A	8260	Ice/HCL	(3) 40ML vials	2827	AL
——— 1001A	" (FB)	"	"	"	"
——— 1002A	607	Ice	(1) 500ML Amber	0214801K	ST

Continued from page

Read and Understood By

Matt Garcia 12-9-25 Pete Mundt 12-10-25

Signed

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-9-25 Page 1 of 1

Sample Location: ST-3-486

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007						Charge Number
Pertinent Notes (if any)										
251209 1000A	3	A	X							XGMD
1001A (FB)	3	↓	X							↓
1002A	1	↓		X						↓

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
Pertinent Notes (if any)										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Bares	12-9-25 1115hrs		[signature]	12-10-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Matt Garcia & Tony Torrez present. Weather is clear & cool. This well purged & sampled using dedicated bladder pump. Samples collected using a non DEHP Tubing (PFAS Free). PPE, Gloves, steel toe, safety glasses. Carboy - G2 IDW - 1.6gal

Initial Parameters	Final	Meter ID's
Time 251209141 0A	251209142 5A	PH/cond - 47
PH - 7.03	7.12	Turb - 20
Temp - 21.3°C	21.4°C	STD - 8.96m
Cond - 1079 us/cm	1066 us/cm	RDG - 9.71m
Turb - 0.42 NTUs	0.51 NTUs	Lot - A507
PH pre - 7.04, 10.05 (24.0°C)	7.03, 10.07 (24.1°C)	EXP - 12-26
" post " "	" "	Buffers Lot EXP
DTW - 469.35 ft.	469.35 ft	7
		10

Samples

Sample	Analysis	Preserv	Cont	Lot	Lab
251209141 5A	8260	Ice/HCl	(3) 40 mL vials	2827	ACS
—— 1416A	" (Dup)	"	"	"	"
—— 1417A	" (FB)	"	"	"	"
—— 1418A	607	Ice	(1) ~~HL Amb~~ NC 500mL Amber	02148014	SR

Continued from page

Read and Understood By

Matt Garcia 12-9-25 ~~TT 9 fs 25~~ Tony Torrez 12-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-9-25 (10)

Sample Location: ST-3-5816

Analytical Requirement

Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260	6007						Charge Number
Sample Number										
2512091415 A	W	A	X							XGMD
1416 A (DUP)	W	↓	X							↓
1417 A (FB)	3		X							
1418 A	1			X						

Sample Location:

Analytical Requirement

Pertinent Notes (if any)	# of Containers	Sample Matrix*								Charge Number
Sample Number										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Starr	12-9-25 1510 Hrs		[signature]	12-10-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

AT MONTES & ROB BURROWS PRESENT. WEATHER IS COOL & SUNNY. THIS WEEK WILL BE SAMPLED USING A DEDICATED BLADDER PUMP. SAMPLES WILL BE COLLECTED W/ A NON DEHP DISCHARGE TUBE. CARBOY G-3.

INITIAL PARAMETERS	FINAL	METER ID	BUFFERS EXP
TIME: 251209 1405c	251209 1430c	PH/COND: 16	7: cc810372 9.26
PH: 7.55	7.50	TURB MTR: 8	10: cc806705 7.26
TEMP: 21.0 °C	21.3 °C	" STD: 8.94 NTU	
COND: 979 us/cm	978 us/cm	" RDG: 8.87 NTU	DTW: 466.95 CT
TURB: 0.12 NTU	0.18 NTU	" LOT#: 45022	1DW: 2gal
PH PRE: 7.03, 10.03 (22.1°C)	7.03, 10.04	" EXP: 12.26	
PH POST: 7.02, 10.04	7.04, 10.05		

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251209 1410c	8260	ICE HCl	3-40ML VIALS	2827	ACS
—— 1412c	8260 (FB)	"	"	"	"
—— 1415c	6007	ICE	500ML AMB	02199015	SRL
—— 1418c	6007 (DUP)	"	"	"	"

Continued from page NA

Read and Understood By

12.9.25 12-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12.9.25 Page 1 of 1

Sample Location: ST-3-666

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	6007						Charge Number
										XGMD
251209141OC	3	A	X							
1412C FB	3	A	X							
1415C	1	A		X						
1418C DUP	1	A		X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12.9.25 3PM			12-10-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

PROJECT ST-3-735 WJI: ENV.0053

Notebook No. D32#139c

Continued from page NA

All notes & Rob Burrows present. Weather is cold & calm. This well will be sampled using a dedicated bladder pump. Samples will be collected using a non DEHP discharge tube. Carboy G-3

PPE: steel toe, safety glasses, nitrile gloves.

INITIAL PARAMETERS	FINAL	METER ID	BUFFER > EXP
TIME: 251209 1010c	251209 1025c	PH/COND: 18	7: cc810372 9.26
PH: 7.40	7.49	TURB MTR: 8	10: cc806765 9.26
TEMP: 19.7 °C	18.9 °C	" STD: 8.94 NTU	
COND: 943 us/cm	986 us/cm	" RDG: 8.87 NTU	
TURB: 0.55 NTU	0.44 NTU	" LOT#: A5022	DTW - 468.85 ft
PH PRE: 7.03-10.04 (19.3°)	7.04, 10.05 (19.4°)	" EXP: 12-26	IDW - 2gal
PH POST: 7.02-10.03	7.03-10.04		

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	USE
251209 1018c	8260 (FB)	ICE, HCl	3-40mL VIALS	2827	A<
—— 1017c	8260	"	"	"	"
—— 1020c	6007	ICE	500mL AMB.	021950 IJ	SAL

* LOAD & MADE ADJUSTMENTS TO K BOTTLE RACK ON GGICZISG CHEVY. RACK BROKEN *

* QED PRESSURE BOX MP-10H-1681 DIGITAL PAD GLITCHING

Continued from page NA

Read and Understood By

12-9-25

12-10-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12.9.25 Page 1 of 1

Sample Location: ST-3.735

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	607						Charge Number
										XGMD
251209 1018C (FB)	3	A	x							
1017C	3	A	x							
1020C	1	A		x						

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12.9.25 11 am			12-10-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Robert Burrows & Dan Halvorsen present. Weather is clear and cold. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new PFAS free discharge hose. Carboy GW in use. PPE = Nitrile gloves, safety glasses and boots.

Initial Parameters		Final
Time	= 251205 0930A	251205 0946 A
pH	= 7.42	7.37
Temp	= 18.3°C	18.3
Cond	= 1040 us/cm	1036
Turb	= 0.30 ntu's	0.33
PMPR	= 7.17-10.21 (13.5°C)	7.15-10.13
PMPST	= 7.13-10.17	7.15-10.12
DTW	= 465.60 ft.	465.78 ft

Meter ID
PH/Cond = 15
Turb = 6
STD = 4.22
RDG = 4.26
LOT = A5023
Exp = 12/25

SAMPLES

Sample #	Analysis	Preserve	Container	LOT	LAB
251205 0933A	VOCs by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
0934 A	" " (FB)	"	"	"	"
0935A	NDMA LL	Ice	(1) 1L Amber	0219901	SRL
0936 A	" " (FB)	"	"	"	"

Continued from page

Read and Understood By

12.5.2025

Dan Halvorsen 12-8-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12.5.2025 Page _____ of _____

Sample Location: ST-4-4E1

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA	Analytical Requirement: NDMA-4						Charge Number
										XGMD
251205 0933 A	3	A	✓							
0934 A FB	3	/	✓							
0935 A	1	/		✓						
0936 A FB	1	/		✓						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12.5.2025 1025			12-8-25 /0825

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al Montes & Dan Halvorsen present. Weather is clear and cold. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a New PFAS Free discharge hose. Carboy G2 in use. PPE = Nitrile gloves, safety glasses and boots.

Trip Blanks

SAMPLE *	Analysis	Preserve	Container	LOT	LAB
251204 0710A	VOA by 8260 LL	Ice/HCl	(3) 40ml Vial	2827	ALS
—— 0711A	NDMA LL	Ice	(2) 1L Amber	02199101	SRL

Initial Parameters	Final	Meter ID
Time = 251204 0930A	251204 0945A	pH/COND = 15
pH = 7.36	7.42	Turb = 6
Temp = ~~13.6°C~~ DP 18.0°C	18.1	STD = 4.22
Cond = ~~5.77 mS/cm~~ DP 812 µs/cm	8.19	RDG = 4.29
Turb = 0.16 Ntu's	0.21	LOT = A 5022
pHPre = 7.05-10.10 @ 13.6°C	7.04-10.10	Exp = 12/25
pHPost = 7.05-10.11	7.03-10.10	
DTW = 4641.70 ft.	4641.76	

SAMPLES

SAMPLE *	Analysis	Preserve	Container	LOT	LAB
251204 0932A	VOA by 8260 LL	Ice/HCl	(3) 40ml Vial	2827	ALS
—— 0933A	" " (FB)	"	"	"	"
—— 0934A	NDMA LL	Ice	"	02199101	SRL
—— 0935A	" " (Dup)	"	(2) 1L Amber		"
—— 0936A	" " (FB)	"	"	"	"

NOTE: Duplicate ~~bot~~ NDMA LL fell out of bag at 1037 and Broke.

Continued from page

Read and Understood By

12-4-2025

12-5-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-4-2025 Page _____ of _____

Sample Location: ST-4-689

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
			VOA	LDMA 44						XGMD
251204 0710A TB	3	A	X							
0932A	3		X							
0933A FB	3		X							
0711A TB	1			X						
0934A	1			X						
0936A FB	1			X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12-4-2025 1000			12-5-25 / 0832

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

A/ montes & Dan Halvorsen present. Weather is clear and cool. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new PFAS Free discharge hose. Carboy G2 in use. PPE = Nitrile gloves, Safety glasses and boots.

Initial Parameters	Final	meter ID
Time = 251204 1400A	251204 1430A	PH/COND = 15
pH = 8.15	8.22	TURB = 6
TEMP = 17.3 °C	17.7	ORP = 4.22
COND = 846 us/cm	851	DO = 4.25
TURB = 0.49 ntu's	0.96	LOT = A5022
PHPre = 7.03-10.09	7.03-10.05	EXP = 12/25
PHPost = 7.03-10.08	7.04-10.06	
DTW = 464.50ft.		

SAMPLES

Sample #	Analysis	Preserve	Container	LOT	LAB
251204 1408A	VOA by 8260 LL	Ice/HCl	(3)40ml Vial	2827	ALS
1409A	" " (FB)	"	"	"	"
1410A	1,4 DIOXANE LL	Ice	(1)1L Amber	0219901	SRL
1411A	" " (Dup)	"	"	"	"
1412A	" " (FB)	"	"	"	"

Continued from page

Read and Understood By

12.4.2025 12-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-4-2025 Page _____ of _____

Sample Location: ST-4-690

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: 2 DNGLL						Charge Number
										XGMD
251204 1408 A	3	A	X							
1409 A FB	3		X							
1410 A	1			X						
1411 A DUP	1			X						
1412 A FB	1			X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12.4.2025 1500			12-5-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & cool. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @228psi and sample pressure set @207psi. Bubbler set @ 3 psi and stable @ 6 psi. The first 350 ml collected just prior to sampling will be discarded. Carboy G1 in use.

Pre-parameters
Time - 251203 1150B
PH - 7.79
Temp - 19.2°C
Cond - 1041 us/cm
Turb - 0.36
pH pre - 7.05/10.08 (17.9°C)
pH post - 7.06/10.08

Parameters
Time - 251203 1235B
PH - 7.70
Temp - 19.5°C
Cond - 1050 us/cm
Turb - 0.33 NTU's
pH pre - 7.04/10.07 (18.6°C)
pH post - 7.06/10.08

Meter ID
pH/Cond - 16
Turb - 8
" std - 8.94 NTU
" rdg - 8.85 NTU
" lot - A5022
" Exp - 12/31/25

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251203 1236B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
—— 1237B	" (FB)	"	"	"	"
—— 1238B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRL
—— 1239B	" (FB)	"	"	"	"
—— 1240B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1GJ	ALS

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/3/25

Tom Mundle 12-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/3/25 Page 1 of 1

Sample Location: ST-6-528

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA	Dioxane					Charge Number
251203 1236B	3	A	✓							XGMD
1237B (FB)	3	A	✓							u
1238B	1	A		✓						u
1239B (FB)	1	A		✓						u
1240B.	1	A			✓					u

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltenre	12/3/25 / 1330hrs.			12-4-25 / 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & cool. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min. until 4 gallons has been collected. Parameters must be stable prior to sampling. Purge pressure set @ 228 psi and sample pressure set @ 207 psi. Bubbler set @ 3 psi and stable @ 6 psi. The first 350ml collected just prior to sampling will be discarded. Carboy GL in use.

Pre-parameters
Time - 251203/1200B
PH - 7.53
Temp - 20.1°C
Cond - 1024us/cm
Turb - 0.22 NTU's
pHpre - 7.06/10.09 (17.6°C)
pHpost - 7.06/10.10

Parameters
Time - 251203/1300B
PH - 7.42
Temp - 20.3°C
Cond - 1016us/cm
Turb - 0.25 NTU's
pHpre - 7.05/10.07 (19.0°C)
pHpost - 7.04/10.07

Meter ID
pH/Cond - 16
Turb - 8
" std - 8.94 NTU
" rdg - 8.85 NTU
" lot - A5022
" Exp - 12/31/25

Buffers

	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251203 1301B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1302B	" (FB)	"	"	"	"
——— ~~CO~~ 1303 1303B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 1304B	" (FB)	"	"	"	"
——— 1305B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1GJ	ALS

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferro 12/3/25

Ron Munck 12-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/3/25 Page 1 of 1

Sample Location: ST-6-568

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260 LL	LL NDMA	Dioxane					Charge Number
251203/1301B	3	A	✓							XGMD
1302B (FB)	3	A	✓							"
1303B	1	A		✓						"
1304B (FB)	1	A		✓						"
1305B	1	A			✓					"

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fuerto	12/3/25 / 1330hrs		[signature]	12-4-25 / 0800

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 minutes until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 228 psi and sample pressure set @ 207 psi. Bubbler set @ 3 psi and stable @ 6 psi. The first 350ml collected just prior to sampling will be discarded. Carboy ~~GL~~ CB3 in use.

Pre-parameters	Parameters	Meter ID
Time - 251204 1130B	Time - 251204 1245B	pH/Cond - 16
PH - 8.06	PH - 8.13	Turb - 8
Temp - 20.9°c	Temp - 20.3°c	" std - 8.94 NTU's
Cond - 975 us/cm	Cond - 970 us/cm	" rdg - 8.90 NTU's
Turb - 0.52 NTU's	Turb - 0.45 NTU's	" lot - A5022
pH pre - 7.12/10.14 (10.6°c)	pH pre - 7.06/10.10 (16.0°c)	" Exp - 12/31/25
pH post - 7.11/10.14	pH post - 7.05/10.11	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251204 1246B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1247B	" (FB)	"	"	"	"
——— 1248B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRL
——— 1249B	" (FB)	"	"	"	"
——— 1250B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1GJ	ALS

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/4/25 Ron Wunderle 12-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/4/25 Page 1 of 1

Sample Location: ST-6-678

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA	Dioxane					Charge Number
251204 1246B	3	A	✓							XGMD
1247B (FB)	3	A	✓							"
1248B	1	A		✓						"
1249B (FB)	1	A		✓						"
1250B	1	A			✓					"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelFreo	12/4/25 / 1350hrs.			12-5-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tony Torrez & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 228 psi and sample pressure set @ 207 psi. Bubbler set @ 3 psi and stable @ 6 psi. The first 350ml collected just prior to sampling will be discarded. Carboy G3 in use.

Pre-parameters	Parameters	Meter ID
Time - 251204 1145 B	Time - 251204 1300 B	pH/Cond - 16
PH - 8.22	PH - 8.28	Turb - 8
Temp - 19.6°C	Temp - 20.0°C	" std - 8.94 NTU's
Cond - 898 us/cm	Cond - 906 us/cm	" rdg - 8.90 NTU's
Turb - 0.24 NTU's	Turb - 0.22 NTU's	" lot - A5022
pHpre - 7.10/10.12 (11.0°C)	pHpre - 7.08/10.09 (16.8°C)	" Exp - 12/31/25
pHpost - 7.12/10.13	pHpost - 7.06/10.09	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251204 1301B	VOA by 8260LL	ice / HCl	(3) 40ml vials	2827	ALS
——— 1302B	" (FB)	"	"	"	"
——— 1303B	Low Level NDMA	ice	(1) 1L Amber	011480 1K	SRI
——— 1304B	" (FB)	"	"	"	"

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/4/25 Tom Munck 12-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/4/25 Page 1 of 1

Sample Location: ST-6-824

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA						Charge Number
251204 1301B	3	A	✓							XGMD
1302B (FB)	3	A	✓							"
1303B	1	A		✓						"
1304B (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelZenno	12/4/25 / 1350 hrs.		[signature]	12-5-25 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Samples will be collected using a dedicated discharge hose. Purge pressure set @228 psi and sample pressure set @207 psi. Bubbler set @ 3 psi and stable @ 6 psi. The first 350 ml collected just prior to sampling will be discarded. Carboy A3 in use.

Pre-parameters
Time - 251204/1200B
PH - 8.65
Temp - 19.3°C
Cond - 972 us/cm
Turb - 0.96 NTU's
pH pre - 7.10/10.12 (11.7°C)
pH post - 7.08/10.11

Parameters
Time - 251204/1325B
PH - 8.72
Temp - 19.8°C
Cond - 980 us/cm
Turb - 0.88 NTU's
pH pre - 7.05/10.07 (18.2°C)
pH post - 7.05/10.08

Meter ID
pH/Cond - 16
Turb - 8
" Std - 8.94 NTU
" rdg - 8.90 NTU
" Lot - A5022
" Exp - 12/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251204/1326B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1327B	" (FB)	"	"	"	"
——— 1328B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 1329B	" (FB)	"	"	"	"

Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/4/25

Tom Mundt 12-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/4/25 Page 1 of 1

Sample Location: ST-6-970

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Charge Number
251204/326B	3	A	✓							XGMD
—— 1327B (FB)	3	A	✓							"
—— 1328B	1	A		✓						"
—— 1329B (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DeReemo	12/4/25/1350hrs.		[signature]	12-5-25 /0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

12-11-25

PROJECT WW-1-452 WJI-ENV-0053

Notebook No. D32 #140(A) 29
Continued from page N/A

Matt Garcia & Tony Torrez present, Weather is clear & cool. This well purged & sampled using a dedicated bladder pump. Samples collected using a PFAS Free non DEHP tubing. PPE - Glove Steel toe, safety Glasses. Carboy 62. IDW - 1.5gal

Initial Parameters	Final
Time 251211101OA	251211025A
PH - 7.53	7.49
Temp. 18.6°C	18.7°C
Cond. 1119 us/cm	1121 us/cm
Turb - 1.02 NTU's	1.05 NTUs
PH pre - 7.00, 10.03 (14.89)	7.05, 10.04 (17.09)
" post. " "	" "
DTW - 429.23 ft	429.23

Meter ID's
PH/cond - 17
Turb - 20
STD - 8.96 NTU
RDG -
Lot - A50222
EXP - 12-26

Buffers	Lot	EXP
7	CC810372	9/26
10	CC806765	7/26

Samples

Samples	Analysis	Preserv	cont.	Lot	Lab
251211101 5A	8260 LL	Ice/HCL	(3) 40 Mlvials	2827	ALS
1016A	" (FB)	"	"	"	"
1017A	LL NDMA	Ice	(1) 1L Amber	01148016	STL
1018A	" (MS)	"	"	"	"
1019A	" (MSD)	"	"	"	"
1020A	" (FB)	"	"	"	"

Continued from page

Read and Understood By

Matt Garcia 12-11-25 Tony Torrez 12-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-11-25 Page 1 of 1

Sample Location: WW-1-452

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	537						Charge Number
										X6MD
251211015A	3	A	X							
1016A (FB)	3		X							
1017A	1			X						
1018A (MS)	1			X						
1019A (MSD)	1			X						
1020A (FB)	1			X						

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T-77	12-11-25 / 1100		[signature]	12-15-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP (PFAS free) discharge hose. Carboy GI in use. PPE used or required: nitrile gloves, steel-toed shoes, and safety sunglasses.

Initial Parameters
Time - 2512100840B
PH - 7.95
Temp - 18.4°C
Cond - 922us/cm's
Turb - 0.72 NTU's
pH pre - 7.12 / 10.10 (16.7°C)
pH post - 7.13 / 10.09

Final
Time - 2512100849B
PH - 7.92
Temp - 18.0°C
Cond - 916us/cm
Turb - 0.64 NTU's
pH pre - 7.10 / 10.08 (17.4°C)
pH post - 7.11 / 10.08

Meter ID
pH/Cond - 15
Turb - 6
" Std - 4.22 NT
" rdg - 4.28 NT
" lot - A5022
" Exp - 12/31/25

Buffers	Lot	Exp
7	CC810372	9/6
10	CC806765	7/6

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2512100845B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
—— 0846B	" (FB)	"	"	"	"
—— 0847B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRL
—— 0848B	" (FB)	"	"	"	"

*Initial packer pressure: Ø psi
The packer inside this well is damaged and cannot hold any pressu

Total gallons purged: 2.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/10/25

Peter W Munck 12-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/10/25 Page 1 of 1

Sample Location: WW-2-489

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LLNDMA						Charge Number
25121008 45B	3	A	✓							XGMD
0846B (FB)	3	A	✓							"
0847B	1	A		✓						"
0848B (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fuso	12/10/25 / 0930hrs.		Jon Munch	12-15-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

12/10/25

PROJECT WW-2-664 WJI ENV-0053

Notebook No. D32 #141 (B) 29

Continued from page N/A

Dan Halvorsen & Craig Del Ferraro present. Weather is clear, cool, & breezy. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP (PFAS Free) discharge hose. Carboy GI in use. PPE used/required: nitrile gloves, steel-toed shoes, and safety sunglasses.

Initial Parameters	Final	Meter ID
Time - 251210 1350B	Time - 251210 1356B	pH/Cond - 15
PH - 7.93	PH - 7.99	Turb - 6
Temp - 19.9°C	Temp - 20.1°C	" Std - 4.22 NTU's
Cond - 921 us/cm	Cond - 928 us/cm	" rdg - 4.28 NTU's
Turb - 3.83 NTU's	Turb - 3.15 NTU's	" lot - A5022
pH pre - 7.05/10.04 (22.9°C)	pH pre - 7.04/10.02 (24.1°C)	" Exp - 12/31/25
pH post - 7.05/10.02	pH post - 7.04/10.01	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251210 1351B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
—— 1352B	" (Dupl.)	"	"	"	"
—— 1353B	" (FB)	"	"	"	"
—— 1354B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
—— 1355B	" (FB)	"	"	"	"

*Initial Packer pressure: 0psi
The packer inside this well is damaged and cannot hold any pressure.

Total gallons purged: 2

Continued from page N/A

Read and Understood By

Craig Del Ferraro 12/10/25

Dan Halvorsen 12-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12/10/25 Page 1 of 1

Sample Location: WW-2-664

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LLNDMA						Charge Number
251210 1351B	3	A	✓							XGMD
1352B (Dupl)	3	A	✓							"
1353B (FB)	3	A	✓							"
1354B	1	A		✓						"
1355B (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zenno	12/10/25 1425hrs.		[signature]	12-15-25 / 0840

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al montes & Dan Halvorsen present. Weather is clear and cool. This zone will be sampled using 2 triple rinsed stainless steel sampling tubes. Surface checks performed on Probe #1539 prior to sampling. PPE used, hard hat, Nitrile gloves, Safety glasses and boots. Cerboy 62 in use.

30 minute Equipment blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
251201 1340 y	VOAs by 8260 LL	Ice/HCl	(3) 40 ml vial	2827	ALS
—— 1341 y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Initial Parameters		Final		Meter ID	
Time	= 251201 1442 y	251201 1437 Y		pH/COND	= 17
pH	= 7.41	7.50		TURB	= 20
TEMP	= 22.9 °C	22.9		DO	= 8.95
COND	= 1144 ms/cm	1139		ORP	= 8.97
TURB	= 0.56 NTUs	0.55		LOT	= A5022
pH Pre	= 7.09-10.13	7.06-10.10		Exp	= 12/25
pH Post	= 7.06-10.12	7.05-10.10			
ATMOS	= 12.54 psia	12.54			
DTW	= 416.19 ft.	416.23 ft.			

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
251201 1435 y	VOAs by 8260 LL	Ice/HCl	(3) 40 ml vial	2827	ALS
—— 1436 y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Runs- 1) 38.04, 36.12, 36.12, 37.78
2) 37.84, 36.10, 36.09, 37.77

Continued from page

Read and Understood By

12-1-2025 Ken Munde 12-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-1-2025 Page _____ of _____

Sample Location: WW-3-469

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: NDMA						Charge Number
										XGMD
251201 1340 EB	3	A	✓							
1435	3		✓							
1341 EB	1			✓						
1436	1			✓						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12-1-2025 1500			12-2-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al Montes & Dan Halvorsen present. Weather is clear and cool. This Zone will be sampled using 2 triple rinsed Stainless Steel sampling tubes. Surface checks Performed on Probe #1539 prior to Sampling. PPE used, hard hat, nitrile gloves, safety glasses & boots. Canary GZ in use.

Trip Blanks

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
251201070 0 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
——— 0701 y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Initial Parameters	Final
Time = 251201015 y	251201310 y
PH = 8.04	7.98
Temp = 22.2°C	22.3
Cond = 1102 us/cm	1110
Turb = 0.32 ntu's	0.44
PHPre: 7.56 - 10.29 (19.7°C)	7.06 - 10.08
PHPost = 7.51 - 10.25	7.05 - 10.08
ATMOS = 12.53 psi.a	12.54
DTW = 416.10 ft.	416.19

Meter ID
PH/COND = 17
TURB = 20
DO = 8.95
ORP = 8.97
LOT = A5022
Exp = 12/25

30 minute Equipment Blanks

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
251201091 5 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
——— 0916 y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Samples

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
251201130 0 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
——— 1301 y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Runs - 1) 81.48 2) 81.10
79.40 79.39
79.39 79.38
81.47 81.10

Continued from page

Read and Understood By

12-1-2025 Per Munch 12-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12-1-2025 Page _____ of _____

Sample Location: WW-3-569

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: IDMA LL						Charge Number
251201 0700 Y TB	3	A								XGMD
0915 Y EB	3									
1300 Y	3									
0701 Y TB	1									
0916 Y EB	1									
1301 Y	1									

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	12-1-2025 1500			12-2-25 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Foley + Tony Torres present. Weather is cool and overcast. Well will be ~~sampled~~ pumped with a dedicated bladder pump and sampled with (DEHP) PFAS free discharge hose. Carboy G 1.

In Arial Parameters	Final
Time - 260112 1000 C	260112 1030 C
pH - 7.51	7.67
Temp - 18.3	18.9
Cond - 1342 us/cm	1351
TURB - 0.48	0.41
pH pre cal 6.99 - 10.03	
pH post cal 7.01 - 10.05	
DTW - 317.20 FT	

Meter #
pH/Cond - 17
TURB - 20
" std - 9.78
" Rdg - 9.67
" Lot # - A 50222
" Exp. - 1-31-26

pH Buffers	Lot #	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample #		Analysis	Preserv	Cont.	Lot #	Lab
260112	0945 C	8260 LL (FB)	Ice, HCL	(3) 40 ml Vial	2827	ALS
—	0946 C	NDMA LL (FB)	Ice	(1) 1 LT Amber		SRI
—	0947 C	Metals (FB)	Ice, HNO_3	(2) 125 ml poly	072125 - 2AES	ALS
—	1005 C	8260 LL	Ice, HCL	(3) 40 ml Vial	2827	"
—	1006 C	607	Ice	(1) 500 ml Amber		SRI
—	1007 C	NDMA LL MS	"	(1) 1 LT Amber		"
—	1008 C	" (MS)	"	"		"
—	1009 C	" MSD	"	"		"
—	1010 C	5W0A-Sim	"	(1) 500 ml Amber		ALS
—	1011 C	Metals	Ice HNO_3	(2) 125 ml poly		ALS
—	1012 C	Anions IC	Ice	(2) 125 ml poly		"
—	1013 C	TDS	"	(1) 250 ml poly		"
—	1014 C	perchlorate	"	(1) 125 ml poly		"
—	1015 C	NO_2/NO_3	Ice, H_2SO_4	(1) 125 ml poly		"

IDW - 1.5 Gal

Continued from page

Read and Understood By

T Foley 1-12-26 Tom Mundt 1-13-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-12-26 Page _____ of _____

Sample Location: 100-F-358

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	UNMA LL	Metals	6007				Charge Number
										XGMD
260112 0945 c (FB)	3	A	X							
— 0946 c (FB)	1			X						
0947 c (FB)	2				X					
— 1005 c	3		X							
— 1006 c	1					X				
— 1007 c	1			X						
— 1008 c (MS)	1			X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: UNMA LL	9056 Sim	Metals	Anions AK	TDS	perchlorate	NO3	Charge Number
										XGMD
260112 1009 c (MSD)	1	A	X							
— 1010 c	1			X						
— 1011 c	2				X					
— 1012 c	2					X				
— 1013 c	1						X			
— 1014 c	1							X		
— 1015 c	1	O							X	

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1-12-26			1-13-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AL MONTES & TONY TORRES PRESENT. WEATHER IS CLOUDY & COLD. THIS WELL WILL BE SAMPLED USING A DEDICATED BLADDER PUMP. SAMPLES WILL BE TAKEN FROM A. DEDICATED NALGENE TUBE. CARBOY G-2.

INITIAL PARAMETERS	FINAL	METER ID	BUFFERS EXP
TIME : 2601070945c	2601071030c	PH/COND : 16	7 : CC81572 9.26
PH : 7.62	7.59	TURB MTR: 8	10: CC806765 7.26
TEMP : 18.5 °C	18.6 °C	" STD : 9.85 NTU	
COND : 1074 US/cm	1071 US/cm	" RDG: 9.74 NTU	
TURB : 0.47 NTU	0.45 NTU	" LOT#: A5022	IDW - 1 gal
PH PRE: 7.05-10.05 (17.3c)	7.06-10.04	" EXP 11-31	DTW - 79.10 FT.
PH POST: 7.04-10.04	7.05-6.05		

SAMPLE #	ANALYSIS	SAMPLES PRESERV	CONTAINER	LOT #	LAB
2601071000c	LL 8260	ICE HCL	3-40ML VIALS	2827	ALS
1002c	" (FB)	"	"	"	"
1004c	607	ICE	500ML AMB	0119901J	SCI
1006c	" (FB)	"	"	"	"
1008c	LL NDMA	"	1LT AMB	0114801K	"
1010c	" (FB)	"	"	"	"
1012c	1,4 DIOXANE	"	250ML AMB	NA	ALS
1014c	ANIONS. ALK	"	2-125ML POLY	03125ZOKD	"
1016c	TDS	"	250ML POLY	-	"
1018c	PERCH.	"	125ML "	-	"
1020c	NO2 NO3	ICE H2SO4	"	08175-ZOKD	"

Continued from page NA

Read and Understood By

1.7.25

1-7-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-7-26 Page 1 of 1

Sample Location: 100-6-223

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	607	1,4-Dioxane	SVOA SIM				Charge Number
										XGMD
260107 1000c	3	A	X							
1002c FB	3		X							
1004c	1			X						
1006c FB	1			X						
1008c	1				X					
1010c FB	1				X					
1012c	X					Y				

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	1,4-Dioxane	TDS	Perchlorate	300.0/537.0				Charge Number
										XGMD
1014c	2	A	X							
1016c	1			X						
1018c	1				X					
1020c	1					X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T-D6	1.7.26 / 1100		[signature]	1-8-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

1M Foley - Tony TORRES present. Weather is cool and clear. Well will be purged with a dedicated bladder pump and samples collected with a (DEDICATED) PFAS Free hose. Carboy #1

Initial Parameters
Time - 260113/1000 c
pH - 5.44
Temp - 17.8
Cond - 1219 us/cm
TURB - 0.37
pH pre 7.05 - 10.15
pH post 7.10 - 10.20
DTW - 83.65

Final
260113 1039 c
7.99
18.2
1210 us/c
0.29

Meter #
pH/cond - 17
TURB - 20
" 5401 9.38
" Rdg 9.71
" Lot # A5022
" Exp 1-31-26

pH Buffer	Lot #	Exp
7	CC 810772	9-26
10	CC 806765	7-26

Sample #	Analysis	Sample Preser	Cont.	Lab
260113 0930 c (FB)	8260 LL	Ice, HCL	(3) 40 ml Vial	ALS
— 0931 c (FB)	NDMA LL	Ice	(1) 1 LT Amber	SRL
— 1005 c	8260 LL	Ice, HCL	(3) 40 ml Vial	ALS
— 1006 c	607	Ice,	(1) 500 ml Amber	SRL
— 1007 c	NDMA LL	"	(1) 1 LT Amber	"
— 1008 c	SVOA SIM	"	(1) 250 ml Amber	ALS
— 1009 c	ANION/ALK	"	(2) 125 ml poly	"
— 1010 c	TDS	"	(1) 250 ml poly	"
— 1011 c	perchlorate	"	(1) 125 ml poly	"
— 1012 c	NO_2/NO_3	Ice, H_2SO_4	(1) 125 ml poly	"

IDW - 1/2 Sa'

Continued from page

Read and Understood By

Tom Kent 1-13-26 Lori Munck 1-13-26
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-13-25 Page _____ of _____

Sample Location: 300-F-175

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	NDMA LL	607	SVOA SIM	Anion IC/IC			Charge Number
										XGMD
260113 0930c (FB)	3	A	X							
— 0931c (FB)	1			X						
— 1005c	3		X							
— 1006c	1				X					
— 1007c	1			X						
— 1008c	1					X				
— 1009c	2	↓					X			

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: TDS	Perchlorate	NO3/NO2					Charge Number
										XGMD
260113 1010c	1	A	X							
— 1011c	1			X						
— 1012c	1	↓			X					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-13-26		[signature]	1-14-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

PROJECT 400.A.151 WJ1:ENU.0053

Notebook No. ~~D32#139C~~

Continued from page NA

AT NOTES & TONY TORREZ PRESENT. WEATHER IS COLD & HAZY. THIS WELL WILL BE SAMPLED W/ A DEDICATED BLADDER PUMP. SAMPLES WILL BE TAKEN FROM A DEDICATED NALGENE TUBE. CARBOY G-2

INITIAL PARAMETERS		FINAL
TIME	260106 1000C	260106 1035C
PH	6.91	6.90
TEMP	17.9 °C	18.2 °C
COND	1249 us/cm	1255 us/cm
TURB	1.01 NTU	1.03 NTU
PH PRE	7.05 - 10.04	7.06 - 10.05
PH POST	7.04 - 10.05	7.05 - 10.06

METER ID	
PH/COND	16
TURB MTR	8
" STD	9.85 NTU
" RDG	9.75 NTU
" LOT#	A5022
" EXP	1.31

BUFFERS	EXP
7: CC810372	8.26
10: CC806765	7.26

IDW - Ignd

DTW - TRANSDUCER

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
260106 1010C	8260	ICE · HCL	3-40mL VIALS	2827	ALS
——— 1012C	8260 (DUP)	"	"	"	"
——— 1014C	8260 (FB)	"	"	"	"
——— 1016C	607	ICE	500mL AMB.	021991 IJ	SEL
——— 1020C	TOTAL METALS	ICE · HNO_3	2-125mL Poly	090825-2ACS	ALS
——— 1022C	ANIONS. ALK	ICE · OHEAD	2-125mL "	021025-ZERO	"
——— 1024C	TDS	ICE	250mL Poly	081175-2ADD	"
——— 1026C	PERCHLORATE	ICE	125mL "	071125-4ERR	"
——— 1028C	NO_2NO_3	ICE. H_2SO_4	"	081125-ZERO	"

Continued from page NA

Read and Understood By

Paul Nimmo 1-7-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1.6.26 Page 1 of 1

Sample Location: 400-A-151

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	6010	T. METAL	ANIONS. 4	TDS			Charge Number
			Analytical Requirement							XGMD
260106 1010 c	3	A	x							
1012 c DUP	1		x							
1014 c FB	3		✓							
1016 c	1			x						
1020 c	2				x					
1022 c	2					x				
1024 c	1						x			

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	PERCH	22203						Charge Number
			Analytical Requirement							XGMD
260106 1026 c	1	A	x							
1028 c	1	A		x						

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
	1.6.26 11:00		1-7-26 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Al Montes & Craig Del Ferraro present. Weather is clear & cool. This well will be bailed dry and allowed to recover. After recovery, this well will be sampled using a teflon bailer. Carboy G3 in use.

Total depth - 146. ft. (bgs)
Initial DTW - 149.02 ft.
Total gallons purged: 2
Final DTW - 150.90 ft.

Meter ID	Buffers	Lot	Exp
pH/Cond - 16	7	CC810372	9/26
Turb - 8	10	CC806765	7/26

" Std - 9.85 NTU's
" rdg - 9.80 NTU's
" lot - A5022
" Exp - 1/31/26

Initial Parameters
Time - 260115/1315A
PH - 7.09
Temp - 19.1°C
Cond - 3.32 ms/cm
Turb - 8.64 NTU's
PH pre - 7.04/10.02 (23.3°C)
pH post - 7.05/10.02
DTW - 150.50 ft.

Final
Time - 260115/1329A
PH - 7.13
Temp - 19.6°C
Cond - 3.30 ms/cm
Turb - 6.90 NTU's
pH pre - 7.03/10.01 (24.0°C)
pH post - 7.03/10.02

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260115 1320A	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
——— 1321A	" (FB)	"	"	"	"
——— 1322A	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SRI
——— 1323A	SVOA by 8270D	"	(2) 500ml ambs.	031025-1HY	ALS
——— 1324A	Total Metals	ice/HNO3	(2) 125ml polys	111725-2AES	"
——— 1325A	Anions/Alk.	ice	"	072125-2ERD	"
——— 1326A	TDS by SM2540C	"	(1) 250ml poly	081125-2ADD	"
——— 1327A	Perchlorate by 6850	"	(1) 125ml poly	072125-2ERD	"
——— 1328A	NO_2/NO_3 by 353.2	ice/H_2SO_4	(1) 125ml	070725-4ELR	"

* Well went close to dry after bailing approx. 2 gallons. Crew allowed well to recover for about 3hrs and then collected samples.

Continued from page N/A

Read and Understood By
Craig Del Ferraro 1/15/26
Ian Munck 1-15-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1·15·26 Page 1 of 1

Sample Location: 600 A 003 GW

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260	607	SVOA	Total Metals	Anions / Alk.	TDS		Charge Number
260115 1320A		3	A	✓							XGMD
1321A (FB)		3	A	✓							"
1322A		1	A		✓						"
1323A		2	A			✓					"
1324A		2	A				✓				"
1325A		2	A					✓			"
1326A		1	A						✓		"

Sample Location: 600A-003-GW

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Perchlorate	NO_2/NO_3						Charge Number
260115 1327A		1	A	✓							XGMD
1328A		1	A		✓						"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fuerto	1/15/26/1400 hrs.		[signature]	1-16-26 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim KONDY + TONY TORREZ present. Weather is cool and a few clouds. Well will be purged with a dedicated bladder pump. Sample taken with (DEHP) PFAS free hose. Carboy G1.

Initial Parameters	Final
Time - 260112 1315 C	260112 1325 C
pH - 8.45	8.67
Temp. - 16.9 °	17.3
Cond - 830 us/cm	854
TURB - 1.54	1.39
~~pH~~ one cal - 7.05 - 10.13	
pH post - 7.07 - 10.15	
DTW - 389.40 FT	

Meter #
pH/Cond - 17
TURB - 20
" Std 9.98
" Rdg 9.51
" Lot # A50222
" Exp. 1-30-26

pH buff	Lot #	Exp
7 -	CC 810372	9-26
10	CC 806765	7-26

Samples

Sample #	Analysis	Preserv	cont #	LS
260112 1300 C	8260 (FB)	Ice, HCL	(3) 40 ml Vial	ALS
— 1301 C	NDMA LL (FB)	Ice	(1) 1 LT Amber	SRI
— 1320 C	8260	Ice, HCL	(3) 40 ml Vial	ALS
— 1321 C	607	Ice	(1) 500 ml Amber	SRI
— 1322 C	NDMA LL	"	(1) 1 LT Amber	"
— 1323 C	" (D)	"	"	"
— 1324	" (BC)	"	" 26GD0694	"

EDW - 1.5 gal

Continued from page

Read and Understood By

T Kondy 1-12-26

Tom Munsterman 1-13-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-12-26 Page _____ of _____

Sample Location: 600-C-GW

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	NDMA LL	607					Charge Number
										XGMD
260112 1300C FB	3	A	X							
— 1301C FB	1			X						
1320C	3		X							
1321C					X					
1322C				X						
1323C (Dup)				X						
1324C (BC)				X						

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-12-26		[signature]	1-13-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tim Kordy & Tony Torres present. The weather is clear & cool. This well will be bailed to Dryness & Allowed to Recover. Samples collected from a clean Bailer. Carboy 6-1

	Initial		Final
DTW= 144.95	260113	1300c	1320c
Total Depth = 148 ft	pH	7.97	8.03
~~Total gallons 44.5~~	Temp	20.1	20.3
Bailed = 6.5 gal	Cond	1590	1587
	Turb	3.78	4.52 NTU's
	phpre	7.00/10.00	7.00/10.00
	phpost	7.00/10.00	7.00/10.00
	DTW	144.95	145.79

Meters/IDs
pH/Cond 17
Turb 20
pH Poly 9.71
" Std 9.78
" Eqp A3022
" Lot# 1-31-21

Samples

Sample #	Analysis	Preserv	Cont	Lab
260113	1305c 8260	ICE/HCl	(3) 40ml VOAs	ALS
——	1306c " (FB)	"	"	"
——	1307c " (Dup)	"	"	"
——	1308c Metals	ICE/HNO3	(2) 125ml poly	"
——	1309c Chloride	ICE	(1) "	"
——	1310c NO2/NO3	ICE/H2SO4	(1) "	"

Continued from page

Read and Understood By

T-27 1-13-26 Lori Wrenda 1-13-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-13-26 Page 1 of 1

Sample Location: 600-G-138

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	METALS	CHLORIDE	300.0/2007				Charge Number
										XGMD
260113 1305c	4	S	X							
— 1306c FB		S	X							
— 1307c Dup		S	X							
— 1308c		1		X						
— 1309c		1			X					
— 1310c		1				X				

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
TC	1-13-26/1400		[signature]	1-14-26/0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Adolos & Frank Gallegos PRESENT. Parameters & Samples will be collected from a dedicated sample port that will be flushed @ least one minute prior to collection. Carboy Plume Front.

Parameters

Time - 260116 0733
pH - 8.33
Temp - 22.8°C
Cond - 1003 µs/cm
Turb - 0.74 NTU
pH Cal - 6.99/10.00 (13.3°C)
Post - 6.98/10.01

Meter ID

pH/Cond - Plume Front
Turb - "
: STD - 9.83 NTU
: EXP - 10.1 NTU
: LOT - NA
: EXP - 1/31/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
260116 0735	VOA by 8260LL	HCl/Ice	(3) 40ml vials	2801	ALS
— 0736	: (FB)	:	:	:	:
— 0737	607/Bromacil	Ice	(1) 500ml Amber	02199015	SRL
— 0738	Low Level NDMA	:	(1) 1L Amber	0114801K	:
— 0739	: (FB)	:	:	:	:
— 0740	1,4-Dioxane 8270D	:	(1) 250ml Amber	1028241GJ	

Continued from page

Read and Understood By

MA 1/16/26

1-16-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/16/26 Page 1 of 1

Sample Location: B650 · EFF · 1

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMN/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS ANIONS/ALK	TDS SM2540C	Charge Number
2601160735	3	A			X				XGMD
0736 (FB)	3				X				
0737	1					X			
0738	1						X		
0739 (FB)	1						X		
0740MD	1								

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: PERCHLORATE 6850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270	Charge Number
2601160740	1	A				X	XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	1/16/26 @ 0835	[signature]	1-16-26 / 0905

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters	
Time	260116 0745
PH	7.11
Temp	23.3 °C
Cond	1003 uS/cm
Turb	0.80 NTU
PH pre	7.02 / 10.01 (14.4°C)
PH post	7.01 / 10.00

Meter ID	
PH/Cond	Plume Front
Turb	-
= STD	9.83 NTU
= RDG	10.1 NTU
= LOT	NA
= EXP	1/31/26

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
260116 0747	VOA by 8260	HCl / Ice	(3) 40 ml vials	2801	ALS
—— 0748	: (FB)	:	:	:	:
—— 0749	607 / Bromacil	Ice	(1) 1L Amber	0114801K	SRI
—— 0750	1,4-Dioxane 8270D	:	(1) 250 mL Amber	102824 1GJ	ALS

Continued from page

Read and Understood By

1/16/26 1-16-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/16/26 Page 1 of 1

Sample Location: B650 : Inf-1

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMW/BROMACIL 607 Low Level NDMA	Total Metals	Anions/ALK	TDS SM2540C	Charge Number
2601160747	3	A	X						XGMD 1
0748	3	1	X						
0749	1	1			X				
~~0750~~									

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Perchlorate 6850	NO_2/NO_3 353.2	SVOA-SIM 1,4 Dioxane 8270	Charge Number
2601160750	1	A			X	XGMD 1

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MJ WS	1/16/26 @ 0835	[signature]	1-16-26 / 0905

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters

Time - 2601160530
Pit - 8.35
Temp - 21.9°C
Cond - 1310 µS/cm
Turb - 0.83 NTU
PH pre - 6.99 / 10.00 (18.5°C)
PH post - 6.99 / 9.99

Meter ID

PH/Cond - Plume Front
Turb - =
= STD - 9.83 NTU
= DOG - 10.1 NTU
= LOT - NA
= EXP - 1/31/26

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2601160531	VOA by 8260LL	HCl/Ice	(3) 40 mL vials	2801	ALS
0532	= (FB)	=	=	=	=
0533	607/Bromacil	Ice	(1) 500 mL Amber	02/1901J	SRI
0534	Low Level NDMA	=	(1) 1L Amber	011/4801K	=
0535	= (FB)	=	=	=	=
0536	1,4-Dioxane 8270D	=	(1) 250 mL Amber	102824365	ALS
0537	Total Metals	HNO3/Ice	(2) 125 mL poly	111725ZAED	=
0538	= (Dup)	=	=	=	=
0539	Anions/Alk	Ice/2 drops HS	=	0721252ERD	=
0540	TDS SM2540C	Ice	(1) 250 mL poly	0811252ADD	=
0541	Perchlorate 6850	Ice/1/2 HS	(1) 125 mL poly	0721252ERD	=
0542	NO2, NO3 353.2	H2SO4/Ice	=	0707254ELR	=

Continued from page

Read and Understood By

MA CA 1/16/26 — Dre U Lemke 1-16-26 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/16/26 Page 1 of 1

Sample Location: B655 · Eff · 2

Sample Number	# of Containers	Sample Matrix*	VOA 8260	LL-VOA 8260LL	NDMA/DMNJ/ BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
Pertinent Notes (if any)									XGMD
2501160531	3	A		X					
0532 (FB)	3			X					
0533	1				X				
0534	1					X			
0535 (FB)	1					X			
0537	2						X		
0538 (DUP)	2						X		

Sample Location:

Sample Number	# of Containers	Sample Matrix*	PERCHLORATE 6850	NO_2/NO_3 353.2	SVOA-SIM 8270 1,4 DIOXANE	ANIONS/ALK	TDS	Charge Number
Pertinent Notes (if any)								XGMD
2501160534	2	A				X		
0540	1						X	
0541	1		X					
0542	1			X				
0536	1				X			

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MS NS	1/16/26 @ 0620	[signature]	1-16-26 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Anables & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		Meter ID		Buffers	lot	Exp
Time	2601160550	pH/Cond	Plume Front	7	CC810372	9/26
pH	7.14	Turb	=	10	CC806765	7/26
Temp	22.2°C	= STD	9.83 NTU			
Cond	1070 µS/cm	= RDG	10.1 NTU			
Turb	0.52 NTU	= LOT	NA			
pHpre	7.01 / 10.00 (19.2°C)	= Exp	1/31/26			
pHpost	7.00 / 10.00					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	Lab
2601160551	VOA by 8260	HCl / Ice	(3) 40ml vials	2861	ALS
0552	= (DUP)	=	=	=	=
0553	= (FB)	=	=	=	=
0554	607 / Bromacil	Ice	(1) 500 ml Amber	0219901J	SB
0555	1,4-Dioxane 8270D	=	(1) 250ml Amber	102824 1GJ	ALS
0556	Total Metals	HNO3 / Ice	(1) 125ml poly	111725 2AES	=
0557	Anions / Alk	Ice / ZnAcHS	(2) =	072125 2GRD	=
0558	TDS SM2540C	Ice	(1) 250ml poly	081252ADD	=
0559	Perchlorate 6850	Ice / 1/3 HS	(1) 125 ml poly	072125 2ERD	=
0600	NO2, NO3 353.2	H2SO4 / Ice	=	070725 4ELZ	=

Continued from page

Read and Understood By

MA 1/16/26

1-16-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/16/26 Page 1 of 1

Sample Location: B655 · Inf. 2

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNJ/BROMACIL 607 Low Level NDMA	Total Metals	Anions/Alk	TDS SM2540C	Charge Number
2501160551		3	A	X						XGMD
0552	(DUP)	3		X						
0553	(FB)	3		X						
0554		1				X				
0558		1							X	
0556		2					X			
0557		2						X		

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: Perchlorate 6850	NO2/NO3 353.2	SVOA-SIM 1,4 Dioxane 8270	Charge Number
2501160555 (MB)		1	A			X	XGMD
0559		1		X			
0600		1			X		

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MW	1/16/26 @ 0620	[signature]	1-16-26 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

PROJECT BLM-6-488 WJI ENV-0053

Notebook No. D32 #140(A)

Continued from page N/A

Robert Burrows & Craig Del Ferraro present. Weather is clear, cool, & breezy This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP (PFAs free) dedicated discharge hose. Carboy GI in use. PPE used/required: nitrile gloves, steel toed shoes, and safety sunglasses.

Initial Parameters

Time - 260105 1115A
PH - 7.63
Temp - 19.6°C
Cond - 1564 us/cm
Turb - 12.2 NTU's
pHpre - 7.06/10.04 (18.3°C)
pHpost - 7.05/10.04

Final

Time - 260105 1135A
PH - 7.69
Temp - 19.9°C
Cond - 1572 us/cm
Turb - 8.22 NTU's
pHpre - 7.04/10.05 (18.1°C)
pHpost - 7.05/10.04

Meter ID

pH/Cond - 17
Turb - 20
" Std - 9.78 NTU
" rdg - 9.70 NTU
" lot - A5022
" Exp - 1/31/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260105 1120A	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
——— 1121A	" (FB)	"	"	"	"
——— 1122A	GRO by 8015D	"	"	"	"
——— 1123A	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SRI
——— 1124A	*" (MS)*	"	"	"	"
——— 1125A	Low Level NDMA	"	(1) 1L Amber	N/A	"
——— 1126A	" (FB)	"	"	"	"
——— 1127A	SVOA by 8270D	"	(2) 500ml ambs.	042125-1HY	ALS
——— 1128A	DRO by 8015D	"	(1) 500ml amb.	N/A	"
——— 1129A	Total Metals	ice/HNO_3	(2) 125ml polys	090825-2AES	"

Initial DTW: 360.05ft.

Final DTW: 360.13ft.

Total gallons purged: 2

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/5/26

Paul Nunes 1-5-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/5/26 Page 1 of 1

Sample Location: BLM-6-488

Sample Number	# of Containers	Sample Matrix*	8260	GRO	607	LL NDMA				Charge Number
Pertinent Notes (if any)										
260105 1120A	3	A	✓							XGMD
1121A (FB)	3	A	✓							"
1122A	3	A		✓						"
1123A	1	A			✓					"
1124A (MS)	1	A			✓					"
1125A	1	A				✓				"
1126A (FB)	1	A				✓				"

Sample Location:

Sample Number	# of Containers	Sample Matrix*	SV6A	DRO	Total Metals					Charge Number
Pertinent Notes (if any)										
260105 1127A	2	A	✓							XGMD
1128A	1	A		✓						"
1129A	2	A			✓					"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zenno	1/5/26 / 1225 hrs.		[signature]	1-6-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AL MONTES & TONY TORREZ PRESENT. WEATHER IS COOL & HAZY. THIS WELL WILL BE SAMPLED WITH A DEDICATED BLADDER PUMP. SAMPLES WILL BE TAKEN FROM A DEDICATED NALGENE TUBE. CARBOY G-2.

INITIAL PARAMETERS	FINAL	METER ID	BUFFERS EXP
TIME : 260106 1410C	260106 1445C	PH/COND : 16	7: CC810372 9.26
PH : 7.95	7.84	TURB MTR: 8	10: CC806765 7.26
TEMP : 19.7 °C	19.7 °C	" STD: 9.85 NTU	
COND : 987 US/cm	989 US/cm	" RDG: 9.75 NTU	
TURB : 0.70 NTU	0.51 NTU	" LOT#: A5022	1DW·2gal
PH PRE : 7.01 - 10.03 (21.3C)	7.02 - 10.04	" EXP: 1.31	
PH POST: 7.02 - 10.03	7.04 - 10.05		

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT #	LAB
260106 1415C	LL8260	ICE·HCl	3·40 mL VIALS	2827	ALS
—— 1417C	" (FB)	"	"	"	"
—— 1419C	607	ICE	500mL AMBER	021980J	SRL
—— 1421C	LLNDMA	"	1GT AMBER	011990IJ	"
—— 1423C	" (FB)	"	"	"	"
—— 1425C	TOTAL METAL	ICE·HNO3	2·125 mL	050825 2ALS	ALS
—— 1427C	AN.ON. ALK	ICE	2·125 mL	021025 2ENLD	"
—— 1429C	TDS	"	250mL Poly	081125.2ALD	"
—— 1431C	PERCHLORATE	ICE	125mL Poly	072125·4ELR	"
—— 1433C	NO_2 NO_3	ICE·H_2SO_4	"	081125·2ERD	"

Continued from page NA

Read and Understood By

1·6·26 1-6-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-6-26 Page 1 of 1

Sample Location: BLU.10.517

Sample Number	# of Containers	Sample Matrix*	8260	607	LL NDMA	METALS	ANIONS			Charge Number
Pertinent Notes (if any)			Analytical Requirement							XGMD
260106 1415c	3	A	x							
1417c (FB)	3		x							
1419c	1			x						
1421c	1				x					
1423c (FB)	1				x					
1425c	2					x				
1427c	2						x			

Sample Location:

Sample Number	# of Containers	Sample Matrix*	TDS	PERCH	N02N03					Charge Number
Pertinent Notes (if any)			Analytical Requirement							XGMD
1429c	1	A	x							
1431c	1	A		x						
1433c	1	A			x					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1-6-26 3pm			1-7-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Craig Del Ferraro present. Weather is cloudy & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a PFAS free discharge hose. Carboy G1 in use. PPE used/required: nitrile gloves, steel-toed shoes, and safety sunglasses.

Initial Parameters	Final	Meter ID
Time - 260106 1330A	Time - 260106 1345A	pH/Cond - 17
PH - 7.42	PH - 7.35	Turb - 20
Temp - 18.6°C	Temp - 18.9°C	" Std - 9.78 NTU
Cond - 1151us/cm	Cond - 1157us/cm	" rdg - 9.68 NTU
Turb - 1.32 NTU's	Turb - 1.26 NTU's	" lot - A5022
pH pre - 7.07/10.10 (16.4°C)	pH pre - 7.05/10.08 (18.2°C)	" Exp - 1/31/26
pH post - 7.06/10.11	pH post - 7.04/10.08	

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260106 1335A	VOA by 8260	ice/HCL	(3) 40ml vials	060225-3AXH	ALS
——— 1336A	" (FB)	"	"	"	"
——— 1337A	607/Bromacil	ice	(1) 500ml amb.	0219901J	SRI
——— 1338A	Total Metals	ice/HNO_3	(2) 125ml polys	090825-2AES	ALS
——— 1339A	NO_2/NO_3 by 353.2	ice/H_2SO_4	(1) 125ml poly	070725-4ELR	"

Initial DTW: N/A - transducer in well.

Total gallons purged: 1.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/6/26 Ron Mundt 1-7-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/6/26 Page 1 of 1

Sample Location: BLM-15-305

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals	NO2/NO3				Charge Number
260106 1335A	3	A	✓							XGMD
1336A (FB)	3	A	✓							"
1337A	1	A		✓						"
1338A	2	A			✓					"
1339A	1	A				✓				"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	1/6/26 / 1430hrs.		[signature]	1-7-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Robert Burrows & Craig Del Ferraro present. Weather is clear & cool. This well will be purged ~~and~~ CO using a dedicated bladder pump. Samples will be collected using a non DEHP (PFAS free) dedicated discharge hose. Carboy G1 in use. PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

Initial Parameters
Time - 2601060945A
PH - 7.01
Temp - 23.3'C
Cond - 1221 us/cm
Turb - 2.04 NTU's
pH pre - 7.10/10.13 (15.4'C)
pH post - 7.09/10.11

Final
Time - 2601060951A
PH - 7.06
Temp - 23.5'C
Cond - 1225 us/cm
Turb - 1.74 NTU's
pH pre - 7.08/10.12 (15.8'C)
pH post - 7.10/10.14

Meter ID
pH/Cond - ~~20~~ CO 17
Turb - 20
" Std - 9.78 NTU
" rdg - 9.68 NTU
" lot - A5022
" Exp - 1/31/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2601060946A	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
—— 0947A	" (FB)	"	"	"	"
—— 0948A	607/Bromacil	ice	(1) 500ml amb.	0219901J	SRI
—— 0949A	" (Dupl.)	"	"	"	"
—— 0950A	Total Metals	ice/HNO3	(2) 125ml poly's	090825-2AES	ALS

Initial DTW: 516.83 ft.

Final DTW: 516.94 ft.

Total gallons purged: 2

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/6/26

Ben Mumbe 1-7-26
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/6/26 Page 1 of 1

Sample Location: BLM-17-550

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals					Charge Number
260106 0946A	3	A	✓							XGMD
0947A (FB)	3	A	✓							"
0948A	1	A		✓						"
0949A (Dup.)	1	A		✓						"
0950A	2	A			✓					"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltemo	1/6/26 / 1030hrs.		[signature]	1-7-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Dan Halvorsen & Craig Del Ferraro present. Weather is partly cloudy & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP (PFAS free) discharge hose. Carboy GI in use. PPE used/required: nitrile gloves, steel-toed shoes, and safety sunglasses.

Initial Parameters
Time - 260108/1340C
PH - 7.56
Temp - 17.9 °C
Cond - 1044us/cm
Turb - 0.28 NTU's
pH pre - 7.13/10.10 (12.3°C)
pH post - 7.14/10.10

Final
Time - 260108/1345C
PH - 7.63
Temp - 18.2 °C
Cond - 1049us/cm
Turb - 0.25 NTU's
pH pre - 7.12/10.09 (12.7°C)
pH post - 7.13/10.11

Meter ID
pH/Cond - 17
Turb - 20
" Std - 9.78 NTU
" rdg - 9.65 NTU
" lot - A5022
" Exp - 1/31/26

Buffers

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260108/1341C	VOA by 8260	ice/HCL	(3) 40ml vials	2827	ALS
—— 1342C	" (FB)	"	"	"	"
—— 1343C	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SRI
—— 1344C	Total Metals	ice/HNO_3	(2) 125ml poly's	072125-2AES	ALS

Initial DTW: 388.40 ft
Final DTW: 388.63 ft.

Total gallons purged: 1.5

Blind Controls

Sample	Analysis	Preservative	Container	Lot	Lab
260108 1500C	VOA by 8260	ice/HCL	(3) 40ml vials	2CGD63A	ALS
—— 1501C	607/Bromacil	ice	(1) 500ml amb.	26GD63B	SRI
—— 1502C	Total Metals	ice/HNO_3	(2) 125ml polys	26GD63C	ALS

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/8/26 Lora W Munck 1-8-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/8/26 Page 1 of 1

Sample Location: BLM-18-430

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals					Charge Number
260108 1341C	3	A	✓							XGMD
1342C (FB)	3	A	✓							"
1343C	1	A		✓						"
1344C	2	A			✓					"
1500C (BC)	3	A	✓							"
1501C (BC)	1	A		✓						"
1502C (BC)	2	A			✓					"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	1/8/26 / 1520hrs.		[signature]	1-12-26 / 0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Craig DelFerraro present. Weather is cloudy & cool. This well will be purged and sampled using a FLUTe system. Sample will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 248psi and sample pressure @ 227psi. Bubbler set at 3psi and stable @ 6psi. The first 350ml collected just prior to sampling will be discarded. Carboy G1 in use.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
260107081OB	VOA by 8260LL	ice/HCL	(3)40ml vials	122622-3AXH	ALS
——— 0811B	Low Level NDMA	ice	(1)1L Amber	0114801K	SRI

Pre-parameters
Time - 260107 1050B
PH - 7.18
Temp - 21.2°C
Cond - 1081us/cm
Turb - 0.48 NTU's
pH pre - 7.08/10.11 (15.0°C)
pH post - 7.09/10.09

Parameters
Time - 260107 1200B
PH - 7.23
Temp - 20.6°C
Cond - 1069us/cm
Turb - 0.45 NTU's
pH pre - 7.03/10.06 (19.8°C)
pH post - 7.03/10.05

Meter ID
pH/Cond - 17
Turb - 20
" std - 9.78 NT
" rdg - 9.72 NT
" lot - A5022
" Exp - 1/31/26

Buffers	Lot	Ex
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260107 1201B	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——— 1202B	" (FB)	"	"	"	"
——— 1203B	Low Level NDMA	ice	(1)1L Amber	0114801K	SRI
——— 1204B	" (Dupl.)	"	"	"	"
——— 1205B	" (FB)	"	"	"	"
——— 1206B	1,4 Dioxane by 8270D	"	(1)250ml amb.	121624-1GJ	ALS

* Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig DelFerraro 1/7/26 Per Munch 1-7-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/7/26 Page 1 of 1

Sample Location: JER-1-483

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LL NDMA	~~Dioxane~~ 8					Charge Number
Pertinent Notes (if any)										
260107 0810B (TB)	3	A	✓							XGMD
0811B (TB)	1	A		✓						"
1201B	3	A	✓							"
1202B (FB)	3	A	✓							"
1203B	1	A		✓						"
1204B (Dupl.)	1	A		✓						"
1205B (FB)	1	A		✓						"

Sample Location: JER-1-483

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Dioxane							Charge Number
Pertinent Notes (if any)										
260107 1206B	1	A	✓							XGMD

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	1/7/26 / 1320hrs.		[signature]	1-8-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Craig Del Ferraro present. Weather is cloudy & cool. this well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. this zone will be purged every 15-20 min until at least 4 gallons have been purged. Parameters must be stable prior to sampling. Purge pressure set @ 248psi and sample pressure @ 227psi. Bubbler set @ 3psi and stable @ 6 psi. the first 350 ml collected just prior to sampling will be discarded. Carboy 6 gl in use.

Pre-parameters
Time - 260107 1105B
PH - 7.80
Temp - 18.6°C
Cond - 1119 us/cm
Turb - 0.28 NTU's
pHpre - 7.07/10.06 (17.2°C)
pHpost - 7.08/10.06

Parameters
Time - 260107 1220B
PH - 7.71
Temp - 18.9°C
Cond - 1128 us/cm
Turb - 0.23 NTU's
pHpre - 7.03/10.05 (22.0°C)
pHpost - 7.04/10.05

Meter ID
pH/Cond - 17
Turb - 20
" std - 9.78 NTU's
" rdg - 9.72 NTU's
" lot - A5022
" Exp - 1/31/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260107 1221B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
—— 1222B	" (FB)	"	"	"	"
—— 1223B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRL
—— 1224B	" (FB)	"	"	"	"
—— 1225B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1G5	ALS

*Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/7/26

Ian Munck 1-7-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/7/26 Page 1 of 1

Sample Location: JER-1-563

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA	Dioxane					Charge Number
260107/221B	3	A	✓							XGMD
1222B (FB)	3	A	✓							4
1223B	1	A		✓						4
1224B (FB)	1	A		✓						4
1225B	1	A			✓					4

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fiend	1/7/26/1320hrs.		[signature]	1-8-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Craig Del Ferraro present. Weather is cloudy & cool. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 248 psi and sample pressure set @ 227 psi, Bubbler set @ 3 psi and stable @ 6 psi. The first 350 ml collected just prior to sampling will be discarded. Carboy 61 in use.

Pre-parameters
Time - 2601071120B
PH - 7.68
Temp - 20.3°C
Cond - 1133 us/cm
Turb - 0.35 NTU's
pH pre - 7.05/10.06 (18.1°C)
pH post - 7.06/10.05

Parameters
Time - 2601071245B
PH - 7.65
Temp - 19.8°C
Cond - 1139 us/cm
Turb - 0.30 NTU's
pH pre - 7.02/10.06 (22.9°C)
pH post - 7.03/10.04

Meter ID
pH/Cond - 17
Turb -20
" Std - 9.78 N
" rdg - 9.72 NT
" lot - A5022
" Exp - 11/31/2

Buffers Lot Ex
7 - CC810372 - 9/
10 - CC806765 - 7/

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2601071246B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
1247B	" (FB)	"	"	"	"
1248B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
1249B	" (FB)	"	"	"	"
1250B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1GJ	AL

* Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/7/26

Peter W Munck 1-7-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/7/26 Page 1 of 1

Sample Location: JER-1-683

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LL NDMA	Dioxane					Charge Number
260107 1246B		3	A	✓							XGMD
1247B (FB)		3	A	✓							"
1248B		1	A		✓						"
1249B (FB)		1	A		✓						"
1250B		1	A			✓					"

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DeLeeuw	1/7/26 / 1320 hrs.			1-8-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al Montes & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 265 and sample pressure set @ 244psi. Bubbler set @ 3psi and stable @ 8psi. The first 350ml collected just prior to sampling will be discarded. Carboy G2

Pre-parameters
Time - 2601141020B
PH - 7.87
Temp - 17.9°C
Cond - 896us/cm
Turb - 0.43NTUs
pHpre - 7.07/10.05(18.6°C)
pHpost - 7.08/10.05

Parameters
Time - 2601141100B
PH - 7.79
Temp - 18.4°C
Cond - 905us/cm
Turb - 0.49NTUs
pHpre - 7.06/10.04(18.7°C)
pHpost - 7.07/10.06

Meter ID
pH/Cond - 16
Turb - 8
" std - 9.8
" rdg - 9.7
" lot - A502
" Exp - 1/31/2

Buffers	Lot	Ex
7	CC810372	9/
10	CC806765	7/

Samples

Sample	Analysis	Preservative	Containes	Lot	Lab
2601141145B	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——— 1146B	" (FB)	"	"	"	"
——— 1147B	Low Level NDMA	ice	(1)1L Amber	0114801K	SR
——— 1148B	" (FB)	"	(1)1L "	"	"
——— 1149B	1,4 Dioxane by 8270D	"	(1)250ml amb.	121624-1GJ	AL

* PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

* Total gallons purge: 4.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/14/26 Lori U Munde 1-14-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/14/26 Page 1 of 1

Sample Location: JER-2-504

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LL NDMA	Dioxane					Charge Number
260114 1145B		3	A	✓							XGMD
1146B (FB)		3	A	✓							"
1147B		1	A		✓						"
1148B (FB)		1	A		✓						"
1149B		1	A			✓					"

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	1/14/26 / 1315 hrs.		[signature]	1-15-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

1/14/26

PROJECT JER-2-584 WJI ENV-0110

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Al Montes & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged ~~every 15-20 minutes~~ until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 265psi and sample pressure @ 244 psi. Bubbler set @ 3psi and stable @ 8psi. The first 350ml collected just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters
Time - 2601141035B
PH - 8.00
Temp - 17.8°C
Cond - 921us/cm
Turb - 0.84 NTU's
pH pre - 7.06/10.04 (19.1°C)
pH post - 7.06/10.05

Parameters
Time - 2601141115B
PH - 7.90
Temp - 17.6°C
Cond - 933us/cm
Turb - 0.79 NTU's
pH pre - 7.05/10.05 (19.3°C)
pH post - 7.06/10.04

Meter ID
pH/Cond - 16
Turb - 8
" std - 9.85
" rdg - 9.76
" lot - A502:
" Exp - 1/31/26

Buffers

Buffers	Lot	Exp
7	CC810372	9
10	CC806765	7

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2601141205B	VOA by 8260LL	ice/HCL	(3)40ml vials	2827	ALS
——— 1206B	" (FB)	"	"	"	"
——— 1207B	Low Level NDMA	ice	(1)1L Amber	0114801K	SRI
——— 1208B	" (FB)	"	"	"	"
——— 1209B	1,4 Dioxane by 8270D	"	(1)250ml amb.	121624-1GJ	ALS

*PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

*Total gallons purged: 4.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/14/26 Per W Munk 1-14-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/14/26 Page 1 of 1

Sample Location: JER-2-584

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA	Dioxane					Charge Number
260114 1205B	3	A	✓							XGMD
1206B (FB)	3	A	✓							"
1207B	1	A		✓						"
1208B (FB)	1	A		✓						"
1209B	1	A			✓					"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltenre	1/14/26 / 1315 hrs.		[signature]	1-15-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al Montes & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20mi until at least 4 gallons have been purged. Parameters must be stable prior to sampling. Purge pressure set @ 265psi and sample pressure @ 244psi. Bubbler set @ 3 psi and stable @ 8psi. The first 350ml collecte just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters
Time - 260114 1045B
PH - 7.84
Temp - 18.2°C
Cond - 969 us/cm
Turb - 0.70 NTU's
pHpre - 7.04/10.06 (19.3°C)
pHpost - 7.04/10.05

Parameters
Time - 260114 1125B
PH - 7.80
Temp - 17.8°C
Cond - 963 us/cm
Turb - 0.62 NTU's
pHpre - 7.05/10.04 (19.8°C)
pHpost - 7.06/10.04

Meter ID
pH/Cond - 16
Turb - 8
" std - 9.85 NTU
" rdg - 9.76 NTU
" lot - A5022
" Exp - 1/31/26

Buffers	Lot	Exp
7	CCB10372	9/2
10	CCB06765	7/2

Sample	Analysis	Samples Preservative	Container	Lot	Lab
260114 1225B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
1226B	" (FB)	"	"	"	"
1227B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
1228B	" (FB)	"	"	"	"
1229B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	121624-1GJ	AL

* PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.

* Total gallons purged: 4.5

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/14/26

Paul Munds 1-14-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/14/26 Page 1 of 1

Sample Location: JER-2-684

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA	Dioxane					Charge Number
260114 1225B		3	A	✓							XGMD
1226B (FB)		3	A	✓							"
1227B		1	A		✓						"
1228B (FB)		1	A		✓						"
1229B		1	A			✓					"

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltzeno	1/14/26/1315hrs.			1-15-26 /0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Kondy + Tony TORCE2 present. Weather is cool and clear. Well will be purged with a dedicated Bladder pump and sampled with (DEHP) PFAS Free tubing, Canopy C-3

Initial Parameters
Time - 2601141000C
pH - 7.64
Temp - 15.4
cond - 1047 us/cm
TURB - 0.63
pH pre cal - 7.05 - 10.12
pH post 7.07 - 10.15
DTW - 420.60

Final
2601141030C
7.60
15.5
1064 us/cm
0.51

Meter #
pH/cond - 15
TURB - 7
" std - 53.8
" rdg - 55.2
" Lot# - A3022
" Exp - 1-31-26

pH Buff	Lot #	Exp
7	cc 806372	9-26
10	cc 806765	7-26

Sampler

Sample #	Analysis	Preserv	cont.	Lab
2601141005C	8260LL (FB)	ice, HCL	(3) 40 ml Vial	ALS
— 1006C	NORMALL (FB)	ice	(1) 1 LT Amber	SRF
— 1007C	8260LL	ice, HCL	(3) 40 ml Vial	ALS
— 1008C	NORMALL	ice	(1) 1 LT Amber	SRF

IDW - 1 1/2 Gal

Continued from page

Read and Understood By

Tim Kondy 1-14-26 Tom Mundt 1-15-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-14-26 Page _____ of _____

Sample Location: 10-1-424

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 1L	NDMA 2L						Charge Number
										XGMD
260114 1005 c (FB)	3	A	X							
— 1006 c (FB)	1			X						
— 1007 c	3		X							
— 1008 c	1	↓		X						

Sample Location: J-2-447

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 2L	NDMA 2L						Charge Number
										XGMD
260114 1205 c (FB)	3	A	X							
1206 c (FB)	1			X						
— 1207 c	3		X							
— 1208 c	1	↓		✓						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-14-26		[signature]	1-15-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Kenny + Tony Torres present. Weather is cool clear and windy. Well will be pursed w. 4th a dedicated bladder pump and sampled with a (DEHP) PFAS free hose. Carboy #3.

Initial Parameter	Final	Meter H
Time 2601141200c	2601141220c	pH/cond - 15
pH - 7.98	7.78	TURB - 7
Temp - 17.8	17.9	" STD - 53.8
cond - 1040	1050	" RD - 55.4
TURB - 6.06	5.94	" Lot# - A50252
pH pre - 7.05-10.11		" Exp. - 1-31-26
pH post - 7.07-10.16		
DTW - 421.30 FT		

Buff	Lot#	Exp
7	cc 807772	9.26
10	cc 806765	7-26

Samples

Sample#	Analysis	Preserv	Cont.	Lab
2601141205c	8260 LL (FB)	ice HCL	(3) 40 ml Vial	ALS
— 1206c	NPHA LL (FB)	ice	(1) 1 LT Amber	SRT
— 1207c	8260 LL	ice HCL	(3) 40 ml Vial	ALS
— 1208c	NPHA LL	ice	(1) 1 LT Amber	SRT

IDW - 1 1/2 gal

Continued from page

Read and Understood By

T Kenny 1-14-26 Peter W Munch 1-15-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-14-26 Page _____ of _____

Sample Location: 10-1-424

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 1L	NDMA 2L						Charge Number
										XGMD
260114 1005 C (FB)	3	A	X							
— 1006 C (FB)	1	↓		X						
— 1007 C	3		X							
— 1008 C	1	↓		X						

Sample Location: J-2-447

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 2L	NDMA 2L						Charge Number
										XGMD
260114 1205 C (FB)	3	A	X							
1206 C (FB)	1	↓		X						
— 1207 C	3		X							
— 1208 C	1	↓		✓						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-14-26		[signature]	1-15-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AI MONTES & TONY TORRES PRESENT. WEATHER IS WARM & HAZY. THIS WELL WILL BE SAMPLED USING A DEDICATED BLADDER PUMP. SAMPLES WILL BE TAKEN FROM A PEHP(NON) DISCHARGE TUBE. CARBOY G-2.

INITIAL PARAMETERS	FINAL
TIME : 260105 1410C	260105 1440C
PH : 7.35	7.39
TEMP : 19.3 °C	19.2 °C
COND : 1006 uS/cm	1008 uS/cm
TURB : 0.26 NTU	0.31 NTU
PH PRE : 7.03 - 10.04 (21.9°)	7.03 - 10.05
PH POST : 7.02 - 10.05	7.02 - 10.04

METER ID

PH/COND: 16

TURB MTR: 8

" STD: 9.85 NTU

" RDG: 9.80 NTU

" LOT#: A5022

BUFFERS — EXP

7: CC810372 — 9.26

10: CC806765 — 7.2C

1DW - 2gal

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
260105 1415C	8260 LL	ICE HCL	3-40ML VIALS	2827	ALS
——— 1417C	" (FB)	"	"	"	"
——— 1420C	LL NDMA	ICE	1 LT AMBER	0114 801 A	SEL
——— 1424C	" (FB)	"	"	"	"
——— 1430C	TOTAL METALS	ICE. HNO_3	2-125ML Poly	090825 2AES	ALS

Continued from page NA

Read and Understood By

1.5.26 — 1-6-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1.5.26 Page 1 of 1

Sample Location: JP-3-505

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 2000 ppm CO	2000 ppm CO	Trace Level					Charge Number
										XGMD
260105 1415c	3	A	x							
1417c (FB)	3		x							
1420c	1			x						
1424c (FB)	1			x						
1430c	2				x					

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1.5.26 3PM			1-6-26 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

PROJECT JP.3.689 WJ1: ENV.0053

Notebook No. D32#139c

Continued from page NA

AL NOTES & TONY TORRES PRESENT. WEATHER IS COOL & HAZY. THIS WELL WILL BE SAMPLED USING A DEDICATED BLADDER PUMP. SAMPLES WILL BE TAKEN FROM A NON DEHP DISCHARGE TUBE - CARBOY G.Z.

INITIAL PARAMETERS		FINAL	METER ID	BUFFERS	EXP
TIME	:260105 1010c	260105 1045c	PH/COND: 16	7: cc 860372	9.26
PH	: 7.80	7.94	TURB MTR: 8	10: cc 886765	7.26
TEMP	: 19.1 °C	19.2 °C	" STD: 9.85 NTU		
COND	: 1020 uS/cm	1017 uS/cm	" ROG: 9.80 NTU		
TURB	: 0.29 NTU	0.33 NTU	" LOT#: A5022	IDW: 2 gal	
PH PRE	: 7.02 - 10.03 (18.1)	7.02 - 10.02	" EXP: 1.31		
PH POST	: 7.01 - 10.04	7.02 - 10.03			

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
260105 1020c	8260 LL	ICE HCl	3.4 x 40 VIALS	2827	ALS
—— 1022c	" LL (MS)	"	"	"	"
—— 1024c	" LL (FB)	"	"	"	"
—— 0740c	" LL (TB)	"	"	"	"
—— 1026c	LL NDMA	ICE	1 LT AMBER	0114 891 K	"
—— 1028c	" (FB)	"	"	"	"
—— 0745c	" (TB)	"	"	"	"
—— 1035c	METALS	ICE HNO_3	2 x 125 mL Poly	090825.2AES	ALS
—— 1037c	" DUP	"	"	"	"

Continued from page NA

Read and Understood By

1.5.26

1-6-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1·5·26 Page 1 of 1

Sample Location: JP-3-685

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	LL8260	LLNDMA	TOTAL METAL					Charge Number
260105 1020C	3	A	X							XGMD
1022C (MS)	3		X							
1024C (FB)	3		X							
0740C (TB)	3		X							
1026C	1			X						
1028C (FB)	1			X						
0745C (TB)	1			X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	T. METALS							Charge Number
260105 1035C	2	A	X							XGMD
1037C	2	A	X							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1·5·25 11Am			1-6-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters		Meter ID		Buffers	lot	Exp.
Time	- 260115 0915	pH/Cond	- Plume Front	7	CC810372	9/26
pH	- 7.25	Turb	-	10	CC806765	7/26
Temp	- 24.3°C	= STD	- 9.83 NTU			
Cond	- 994 uS/cm	= ROG	- 10.3 NTU			
Turb	- 1.73 NTU	= LOT	- NA			
pH pre	- 6.94 / 9.97 (14.3°C)	= Exp	- 1/31/26			
pH post	- 6.96 / 9.99					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
260115 0918	VOA by 8260	HCl / Ice	(3) 40 ml vials	2801	ALS
—— 0919	= (FB)	=	=	=	=
—— 0920	607/Bromacil	Ice	(1) 500ml Amber	02199015	SRI
—— 0921	Low Level NDMA	=	(1) 1L Amber	011480IK	=
—— 0922	= (FB)	=	=	=	=

Continued from page

Read and Understood By

MA CA 1/15/26 Paul Munds 1-15-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/15/26 Page 1 of 1

Sample Location: PFE-4A

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
2601150918	3	A	X						XGMD
0919 (FB)	3		X						
0920	1				X				
0921	1					X			
0922 (FB)	1					X			

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 6850	NO2/NO3 353.2	SVOA-SIM 8270 1,4 DIOXANE				Charge Number
									XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	1/15/26 @ 1010	[signature]	1-16-26 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection Carboy Plume Front.

Parameters	
Time	- 260119 0700
pH	- 7.84
Temp	- 19.6°C
Cond	- 9864 µS/cm
Turb	- 1.18 NTUs
pH pre	- 7.02/10.00 @ (20.2°)
pH post	- 7.04 / 10.06

Meter ID	
pH/Cond - Plume Front	
Turb - "	
: STD -	9.83
: EDG -	9.88
: LOT -	NA
: Exp -	1/31/26

Buffers	lot	Exp
7	CC810372	9/26
10	KC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
260119 0701	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
" 0702	= (FB)	"	"	"	"
" 0703	607/Bromacil	Ice	(1) 500 ml Amber	02/99015	SIEI

Continued from page N/A

Read and Understood By

1-19-26

1-20-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-19-2026

Sample Location: RFE-1

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMN/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
260119 0701	3	A	x						XGMD
0702 (FB)	3	A	x						"
0703	1	A			#				"

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 6850	NO2/NO3 353.2	SVOA-SIM 8270 1,4 DIOXANE					Charge Number
										XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
	1-19-26 (0820)		1-20-26 / 0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters	
Time	- 260115 0855
pH	- 7.34
Temp	- 22.8°C
Cond	- 982 uS/cm
Turb	- 1.58 NTU
pH_{pre}	- 6.96 / 9.98 (18.4°C)
pH_{post}	- 6.98 / 9.99

Meter ID	
pH/Cond · Plume Front	
Turb · =	
= STD - 9.83 NTU	
= RDG - 10.3 NTU	
= LOT - NA	
= EXP - 1/31/26	

Buffers	lot	EXP
7	CC81U372	9/26
10	CC80C765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
260115 0900	VOA by 8260	HCl / Ice	(3) 40ml vials	2801	ALS
—— 0901	= (FB)	=	=	=	=
—— 0902	607/Bromacil	Ice	(1) 500ml Amber	02199015	SRI
—— 0903	= (Dup)	=	=	=	=

Continued from page

Read and Understood By

1/15/26 — 1-15-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/15/26 Page 1 of 1

Sample Location: PFE-2

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNP/BROMACIL 607 Low Level NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
2601150900		3	A	X						XGMD
0901 (FB)		3		X						
0902		1				X				
0903 (DUP)		1				X				

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 16850	NO2/NO3 353.2	SVOA-SIM 8270 1,4 DIOXANE				Charge Number
										XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	1/15/26 @ 1010	[signature]	1-16-26 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Angles & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection Carboy Plume Front

Parameters	
Time	2601150945
PH	7.23
Temp	20.7°C
Cond	1035 uS/cm
Turb	1.23 NTU
PH pre	6.98/10.00 (12.7°C)
PH post	6.99/9.99

Meter ID	
PH/Cond	Plume Front
Turb	"
= STD	9.83 NTU
= DOG	10.3 NTU
= ZOT	NA
= EXP	1/31/26

Buffers	Lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
2601150948	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0949	= (FB)	"	"	"	"
—— 0950	607/Bromacil	Ice	(1) 500 ml Amber	02199013	STL

Continued from page

Read and Understood By

Signed 1/15/26 Date

Ben Munck 1-15-26 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/15/26 Page 1 of 1

Sample Location: PFE-3

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMNJ/BROMACIL 607 Low Level NDMA	Total Metals	Anions/Alk	TDS SM2540C	Charge Number
2601150948	3	A	X						XGMD
0949 (FB)	3	I	X						
0950	1	I			X				

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Perchlorate 6850	NO2/NO3 353.2	SVOA-SIM 1,4 Dioxane 8270					Charge Number
										XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	1/15/26 @ 1010	[signature]	1-16-26 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carbon Plume Front.

arameters
ime - 2600/190715
H - 7.58
emp - 21.2°C
ond - 844 µS/cm
urb - .98 NTUs
Hpre - 7.02/.00.04 (@1.2°C)
Hpost - 7.04/.00.02

Meter ID
PH/Cond - Plume Front
Turb - "
- SID - 9.83
- POG - 9.88
- LOT - N/A
- EXP - 1/31/26

Buffers	lot	EXP
7	CC8105T2	9/26
10	CC8067G5	7/26

SAMPLES

ample #	Analysis	Preserve	Container	lot	lab
600(19 0716	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 0717	= (FB)	"	"	"	"
—— 0718	607/ Bromacil	Ice	(1) 500 ml Amber	021990(3	SRI

Continued from page N/A

Read and Understood By

1-19-26 1-20-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-19-2026 Page 1 of 1

Sample Location: PFE-5

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMN/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
260119 0716	3	A	X						XGMD
— 0717 (FB)	3	A	X						"
— 0718	1	A			X				"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 6850	NO2/NO3 353.2	SVOA-SIM 8270 1,4 DIOXANE					Charge Number
										XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	1-19-26 (0820)	[signature]	1-20-26 / 0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Marcus Avalos & Frank Gallegos present. Parameters & Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy Plume Front.

Parameters	
Time	· 2600119 0735
PH	· 7.82
Temp	· 20.4 °C
Cond	· 974 µS/cm
Turb	· 4.02 NTUs
PH pre	· 7.02/10.04 (21.2°C)
PH post	· 7.04/10.02

Meter ID	
PH/Cond ·	Plume Front
Turb -	"
= STD -	9.83
= RDG -	9.88
= LOT -	N/A
= EXP -	1/31/26

Buffers	lot	Exp
7	CC8103772	9/26
10	CC8006765	7/26

Samples

Sample #	Analysis	Preserve	Container	lot	Ig
2600119 0736	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	Al
—— 0737	= (Dup)	=	=	=	=
—— 0738	= (FB)	=	=	=	=
—— 0739	607/Bromacil	Ice	(1) 500 ml Amber	02199013	SU
—— 0740	Low Level VOMA	=	(1) 1L Amber		=
—— 0741	= (FB)	=	=	=	=

Continued from page N/A

Read and Understood By

1-19-26 1-20-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-19-2026 Page 1 of 1

Sample Location: PFE-7

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA 8260	LL-VOA 8260LL	NDMA/DMN/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS/ALK	TDS SM2540C	Charge Number
260119 0736	3	A	x						XGMD
— 0737 (DUP)	3	A	x						"
— 0738 (FB)	3	A	x						"
— 0739	1	A			x				"
— 0740	1	A				x			"
— 0741 (FB)	1	A				x			"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 8270 1,4 DIOXANE					Charge Number
										XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	1-19-2026 (0820)	[signature]	1-20-26 / 0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Craig Del Ferraro present. Weather is clear, cool, & breezy. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP (PFAS free) dedicated discharge hose. Carboy GI in use. PPE used/required: nitrile gloves, steel-toed shoes, and safety sunglasses.

Initial Parameters
Time - 260105 1345A
PH - 7.88
Temp - 20.3°C
Cond - 1195 us/cm
Turb - 0.67 NTU's
pH pre - 7.02 / 10.04 (20.7°C)
pH post - 7.03 / 10.05

Final
Time - 260105 1355A
PH - 7.80
Temp - 20.8°C
Cond - 1203 us/cm
Turb - 0.62 NTU's
pH pre - 7.03 / 10.02 (21.1°C)
pH post - 7.03 / 10.04

Meter ID
pH/Cond - 17
Turb - 20
" Std - 9.78 NT
" rdg - 9.70 NT
" lot - A5022
" Exp - 1/31/2

Buffers	Lot	Ex
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260105 1346A	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
1347A	" (Dupl)	"	"	"	"
1348A	" (FB)	"	"	"	"
1349A	Low Level NDMA	ice	(1) 1L Amber	N/A	SA
1350A	" (FB)	"	"	"	"

Initial DTW: 491.84 Ft.

Final DTW: 491.96 Ft.

Total gallons purged: 1.5

*Purge volume declined rapidly after approx ½ gallon. Water level may be drawing down below the pump.

Continued from page N/A

Read and Understood By

Craig Del Ferro 1/5/26

Peter Mundo 1-5-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/5/26 Page 1 of 1

Sample Location: PL-1-486

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA						Charge Number
260105 1346A	3	A	✓							XGMD
1347A (Dupl.)	3	A	✓							"
1348A (FB)	3	A	✓							"
1349A	1	A		✓						"
1350A (FB)	1	A		✓						"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltenre	1/5/26 / 1420hrs.		[signature]	1-6-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Matt Garcia & Sam Halvorsen present. Weather is clear and cool. This zone will be sampled using 5 triple rinsed stainless steal sampling tubes. Surface checks performed on Probe # 4755 prior to sampling. PPE used - hard hat, nitrile gloves, safety glasses and boots. Generator in use. Cartridge G3 in use.

30 minute Equipment blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
260112 1415y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
——— 1416y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Initial Parameters		Final	Meter I.D
Time	= 260113 0942y	260113 1028y	pH/COND = 15
pH	= 8.41	8.36	TURB = 7
TEMP	= 21.4° C	21.4	STD = 53.8
COND	= 1038 µs/cm	1041	RDG = 54.2
TURB	= 1.99 ntu's	1.78	LOT = AF0022
pHPre	= 7.02 - 9.78 (21.4° C)	7.01 - 9.91	EXP = 1/26
pHPost	= 7.01 - 9.83	7.01 - 9.90	
BTMOS	= 12.57 psig	12.57	
DTW	= N/A	N/A	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
260113 1015y	VOA by 8260 LL	Ice/HCl	(3) 40 ml vial	2827	ALS
——— 1016y	NDMA LL	Ice	(1) 1L AMBER	1199015	SRL

Runs - 1) 44.82 2) 44.81 3) 44.78
53.19 53.19 53.18
53.18 53.19 51.10
44.81 44.80 44.77

Continued from page

Read and Understood By

1-13-2024 Signed

1-14-26 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-12-2026 Page _____ of _____

Sample Location: PL-6-545

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
			VOC	SDMAL						XGMD
260112141544	3	A	X							
141644	1	A		X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-12-2026 1510		[signature]	1-13-26 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-13-2026 Page _____ of _____

Sample Location: PL-6-545

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
			GC	UDMALL						XGMD
260131015 4	3	A	4							
10164	1	A		X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1.13.2026 1100			1-14-26 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Matt Garcia & Dan Halvorsen present. Weather is clear and cold. This zone will be sampled using 5 triple rinsed stainless steel sampling tubes. Surface checks performed on probe #4755 prior to sampling. PPE used: Hard hat, nitrile gloves, safety glasses and boots. Carbay G3 in use. Generator in use.

30 minute Equipment blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
260112/1020y	Voc by 8260 LL	Iced HCl	(3) 40 ml vial	2827	ALS
——— 1021y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Initial Parameters	Final	meter ID
Time = 260112/1255y	260112/1325y	pH/Cond = 15
pH = 7.47	7.52	Turb = 7
Temp = 23.4°C	23.4	STD = 53.8
Cond = 1010 us/cm	1013	pOS = 54.1
Turb = 0.23 ntu's	0.26	Lot = A5022
pHPre = 7.09-10.11	7.06-10.12	Exp: 1/26
pHPost = 7.07-10.11	7.05-10.11	
BPmos = 12.56 psi-a	12.56	
DTW = N/A	N/A	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
260112/1320y	Voc by 8260 LL	Iced HCl	(3) 40 ml vial	2827	ALS
——— 1321y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Runs- 1) 123.46 2) 123.39
131.43 131.41
131.41 131.40
123.43 123.38

Continued from page

Read and Understood By

Signed 01-12-2026 Date 1-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 01-12-2026 Page _____ of _____

Sample Location: PL-6-725

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: NONANE	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Charge Number: XGMD
260112j020-y EB	3	A	✓							
1320-y	3		✓							
1021-y EB	1			✓						
1321-y	1			✓						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1-12-2026 1510			1-13-26 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

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PROJECT PL-6-915

Notebook No. DG4 # 134 Y
Continued from page

Tim Tovey + Matt Garcia present. Weather is cool and cloudy. Zone will be sampled with 5 triple rinsed stainless steel sample tubes. Surface checks done on probe # 4755. Generator in use. Gasboy # G3

Initial Parameters	Final	Meter #
Time - 260108 0930 Y	260108 1615 Y	pH/cond - 15
pH - 8.14	7.96	TURB - 7
Temp - 20.5 °C	20.3	" std - 53.8
Cond - 15060 us/cm	999 us/cm	" Rdg - 54.5
TURB - 3.69	2.45	" Lot # - A50222
pH precal - 7.08-10.17	"	" Exp - 11-31-26
pH post - 7.10 - 10.20		
Atmos -		
DTW - NA probe sticking to casing		

pH Buff	Lot #	Exp
7	CC810372	9-26
10	CC806765	7-26

Sampler

Sample #	Analysis	Preserv	Cont	Lot #	Lab
260107 1300 Y	8260 LL (EB)	Ice, HCl	(3) 40 ml Vial	2827	ALS
— 1301 Y	NDMA 22 (EB)	ice	(1) 1 LT Amber	1109015	SRL
260108 1615 Y	8260 LL	ice	(3) 40 ml Vial	2827	ALS
— 1016 Y	607	"	(1) 500 ml Amber		SRL
— 1017 Y	NDMA22	"	(1) 1 LT Amber		SRL
— 1320 Y	Metals	Ice, HNO3	(2) 125 ml poly		ALS
— 1321 Y	Anions/Alk	Ice	(2) 125 ml poly		"
— 1322 Y	TDS	"	(1) 250 ml poly		"
— 1400 Y	perchlorate	"	(1) 125 ml poly		"
— 1401 Y	NO_2/NO_3	Ice, H_2SO_4	"		"

VOA # 1) 207.67, 214.52, 214.49, 207.67
2) 207.65, 214.51, 214.53, 207.61
3) 207.52, 214.47, 214.47, 207.55
4) 207.56, 214.45, 214.48, 207.25

Continued from page

Read and Understood By

T. Kay 1-8-26 Ben Munck 1-12-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-7-26 Page _____ of _____

Sample Location: PL-6-915

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	NDMA LL						Charge Number
										XGMD
260107 1300Y (EB)	3	A	X							
— 1301 Y (EB)	1	A		X						

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-7-26		[signature]	1-8-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-8-26 Page _____ of _____

Sample Location: PL-6-915

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260 LL	607	NPMA LL	metals	Anions/ALK	TDS	perchlorate	NO3/NO2	Charge Number
											XGMD
260108 1015 Y	3	A	X								
— 1016 Y	1			X							
— 1017 Y	1				X						
— 1320 Y	2					X					
— 1321 Y	2						X				
— 1322 Y	1							X			
— 1400 Y	1								X		
— 1401 X										X	

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-8-26		[signature]	1-12-26 / 0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Robert Burrows & Dan Halvorsen present. Weather is clear and cool. This zone will be sampled using 2 stainless steel MP-55 sampling tubes. Surface checks performed on Probe #1539 prior to sampling. PPE used: hard hat, nitrile gloves, safety glasses and boots. Generator in use. Cooler 62 in use.

Trip Blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
260115 0810 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
—— 0811 y	NORMAL LL	Ice	(1) 1L Amber	1199015	SRL

30 minute Equipment Blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
260115 1300 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
—— 1301 y	NORMAL/DMW Bromacil by 607	Ice	(1) 500 ml Amber	N/A	SRL
—— 1302 y	NORMAL LL	"	(1) 1L Amber	1199015	"

Initial Parameters	Final	Meter ID
Time = 260115 1336 y	260115 1525 y	pH/Cond = 15T
pH = 8.63	8.54	Turb = 7
Temp = 20.1°C	20.1	STD = 53.8
Cond = 1070 us/cm	1062	RDG = 54.2
Turb = 2.97 ntu's	2.81	Lot = 45022
pHPre = 7.03-9.79 (14.4°C)	7.05-9.82	Exp = 1/26
pHPost = 7.04-9.80	7.04-9.90	
Barmos = 12.52 psia	12.54	
DTW = 473.26 ft.	473.32 ft.	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
260115 1358 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
—— 1359 y	NORMAL/DMW Bromacil by 607	Ice	(1) 500 ml Amber	N/A	SRL
—— 1400 y	NORMAL LL	"	(1) 1L Amber	1199015	"
—— 1520 y	SVOA - SIM	"	(2) 250 ml Amber	N/A	ALS

Runs-	1)	2)	3)	4)
	20.21	20.18	20.18	20.17
	18.97	18.95	18.95	18.94
	18.87	18.81	18.93	18.95
	20.20	20.18	20.17	20.17

Continued from page

Read and Understood By

1-15-2026 Pete Mundt 1-16-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-15-2026 Page _____ of _____

Sample Location: PL-10-4841

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: U004	607	NDMA LL					Charge Number
260115 0810 y TB	3	A	X							XGMD
1300 y EB	3		X							
1358 y	3		X							
1301 y EB	1			X						
1359	1			X						
0811 y TB	1				X					
1302 y EB	1				X					

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: NDMA LL	5004-SIM						Charge Number
260115 1400 y	1	A	X							XGMD
1520 y	1			X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1.15.2026 1530			1-16-26 /0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Matt Garcia + Dan Halvorsen present. Weather is Clear and warm. This zone will be sampled using 2 triple rinsed MP-50 Sampling tubes. Surface checks performed on Probe # 1539 prior to sampling. PPE used: Hard hat, Nitrile gloves, safety glasses, and boots. Generator in use. Carboy 63 in use.

30 minute Equipment blanks

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
260113134Sy	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
—— 1346y	NDMA LL	Ice	(1) 1L Amber	1199015	SRL

Initial Parameters	Final	meter ID
Time = 260/150944y	260/151050y	PH/COND = 15
PH = 8.82	8.77	TURB = 7
TEMP = 16.9°C	16.9	STD = 53.8
COND = 1054 us/cm	1060	RDG = 54.2
TURB = 2.72 ntu's	2.53	LOT = A5022
PHPRE = 7.11 - 9.68 (14.4°C)	7.09 - 9.90	EXP = 1/26
PHPOST = 7.10 - 9.71	7.08 - 9.91	
ATMOS = 12.59 psia	12.59	
DTW = 473.10 ft.	473.26 ft.	

SAMPLES

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
260/51020y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2827	ALS
—— 1021y	NDMA/1,4 Dio Bromacil by 607	Ice	(1) 500 ml Amber	N/A ~~1199015~~	SRL
—— 1022y	NDMA LL	"	(1) 1L Amber	1199015	"
—— 1041y	" " (Dup)	"	"	"	"
—— 1042y	SVOC - SIM	"	(1) 250 ml Amber	N/A	ALS

Runs - 1) 67.20 2) 67.18 3) 67.14
65.75 65.76 65.75
65.75 65.75 65.74
67.18 67.16 67.12

NOTE: On 1-13-26 Generator ran out of gas before parameter runs.

Continued from page

Read and Understood By

1-15-2026

1-16-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-13-2026 Page _____ of _____

Sample Location: PL-10-5192

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: NDMA LL	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Charge Number
										XGMD
2601131345y	3	A	X							
1346y	1	A		X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1-13-2026 1430			1-14-26 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-15-2026 Page _____ of _____

Sample Location: PL-10-592

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: USG	LOT	20 AA LL	Sub-SIM				Charge Number
										XGMD
260115102[illegible]	3	A	X							
1021	1			X						
1022	1				X					
1041	1				X					
1042	1					X				

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-15-2026 1100		[signature]	1-16-26 / 0845

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Tim Fowler + Matt Garcia present. Weather is cool and cloudy. Zone will be sampled with S. + hydra rinsed stainless steel sample tubs. Generator in use surface checks done on probe # 4755 Carboy #3

Initial Parameter	Final
Time - 260105 1420 Y	260106 1010 Y
pH - 7.53	7.89
Temp - 22.2 °C	22.5
Cond - 1693 uS/cm	1649 uS/cm
TURB - 2.57	3.36
pH pre cal - 7.11 - 10.15	7.15 - 10.17
pH post - 7.12 - 10.20	7.20 - 10.20
ORP mV - 1238	1240
PTW - N4 probe sticking to casing	

Meter #
pH/cond - 15
TURB - 7
" Std - 53.8
" Rdg - 54.9
" Lot # - A50222
" Exp - 1/31/26

Sample #	Analysis	Preserv	Cont	Bott	Lot #	Exp
260105 1015 Y	8260 LL (FB)	Ice, HCl	(3) 40 ml Vial	7	CC810322	9-26
— 1016 Y	NPHA 2L (FB)	Ice	(1) 1 LT Amber	10	CC806765	7-26
260106 0920 Y	8260 LL	Ice, HCl	(3) 40 ml Vial		2827	ALS
— 0921 Y	607	Ice	(1) 500 ml Amber		0214801K	SRI
— 0922 Y	NPHA LL	"	(1) 1 LT Amber		1199015	SRI
— 1002 Y	Metals	Ice, HNO3	(2) 125 ml poly		090825241 EN	ALS

Jan-5-26 Had pro Steam with probe

#1) 330.58, 334.65, 334.60, 330.60
#2) 330.50, 333.86, 333.81, 330.51
#3) 330.48, 333.86, 333.86, 330.42

Continued from page

Read and Understood By

T Fowler 1-6-25

Dan Mundt 1-7-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-5-26 Page _____ of _____

Sample Location: PL-6-1195

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LL	N	D	M	A		Charge Number
										XGMD
260105 1015Y (EB)	3	A	X							
1016Y EB	1	A		X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-5-26		[signature]	1-6-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-6-25 Page _____ of _____

Sample Location: PL-6-1195

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260 2L	607	NPMA LL	Metals				Charge Number
Sample Number										XGMD
260106 0920 Y	3	A	X							
— 0921 Y	1	|		X						
— 0922 Y	1	|			X					
— 1002 Y	2	⊥				X				

Sample Location:

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
Sample Number										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T Kort	1-6-26		[signature]	1-7-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Tim Konoy + Matt Garcia present. Weather is cool and cloudy. Zone will be sampled with 5 + triple rinsed Stainless steel sample tubes. Surface checks done on probe # 4755. Generator in use. Canary # 3

Initial Parameters	Final	Meter #
Time - 260106 1400 Y	260107 1045 Y	pH/Cond - 15
pH - 7.37	7.41	TURB - 7
Temp - 21.3 C	21.0 C	" Std - 53.8
Cond - 1987 us/cm	1974 us/cm	" Rdg - 54.1
TURB - 2.83 NTU	2.75 NTU	" Lot # - A5022
pH precal 7.03 - 10.11	7.10 - 10.15	" Exp - 11-31-26
pH post cal 7.09 - 10.15	7.15 - 10.18	
ATMOS - 12.42		

W - NA. probe sticking to casing

pH Buff	Lot #	Exp
7	CC810372	9-26
10	CC806765	7-26

Samples

Sample #	Analysis	Preserv	Cont	Lot #	Lab
260106 1300 Y	8260 2L (EB)	Ice, HCL	(3) 40 ml Vial	2827	ALS
— 1301 Y	NDMA 2L (EB)	Ice	(1) 1 LT Amber	1199015	SRL
— 1430 Y	8260 2L	Ice, HCL	(3) 40 ml Vial	2827	ALS
— 1431 Y	607	Ice	(1) 500 ml Amber		SRL
260107 0910 Y	NDMA 2L	"	(1) 1 LT Amber		"
— 0911 Y	Metals	Ice, HNO_3	(2) 125 ml poly		ALS
— 0950 Y	Anions / ALK	Ice	"		"
— 0951 Y	TDS	"	(1) 250 ml poly		"
— 0952 Y	perchlorate	"	(1) 125 ml poly		"
— 0953 Y	NO_2/NO_3	Ice, H_2SO_4			"

RUN #	1.)	2.)	3.)	4.)	5.)
	391.10	391.00	390.74	390.67	390.61
	394.04	394.02	393.73	393.69	393.65
	393.92	393.83	~~390.80~~ 393.74	393.58	393.55
	391.09	391.00	390.80	390.68	390.65

Continued from page

Read and Understood By

T Konoy 1-7-26 Pam Mundt 1-8-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-6-25 Page _____ of _____

Sample Location: PL-6-1375

Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260 ALL	NPH ALL	607					Charge Number
Sample Number										XGMD
260106 1300 Y	3	A	X							
— 1301 Y	1			X						
— 1430 Y	3		X							
— 1431 Y	1				X					

Sample Location:

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
Sample Number										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1-6-26			1-7-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-7-26 Page _____ of _____

Sample Location: PL-6-1335

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: NDMA ALL	Metals	Alk / NO_3	TDS	Perchlorate	NO_2 / NO_3		Charge Number
										XGMD
260107 0910 y	1	A	X							
— 0911 y	2	A		X						
— 0950 y	2	A			X					
— 0951 y	1	A				X				
— 0952 y	1	A					X			
— 0953 y	1	A						X		

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1-7-26		[signature]	1-8-26/0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

ALMONTES & TONY TORRES PRESENT. THIS WELL WILL BE PURGED USING A FLITE SYSTEM. WEATHER IS OVERCAST & COOL. PURGE PRESSURE SET @ 22 PSI SAMPLE PRESSURE SET @ 20 PSI, BUBBLER SET @ 3 PSI AND STABEE @ 5 PSI. A MIN OF 4 GALLONS PURGED. PARAM'S STABLE PRIOR TO SAMPLING THE FIRST 350 mls OF SAMPLE WILL BE DISCHARGED. CARBOY #2

PARAM'S PRE		PARAM'S
260108 1214B		260108 1220B
pH	7.29	7.31
TEMP	19.1°C	19.3
COND	1023 µs/cm	1025 µs/cm
TURB	0.63	0.78
pHPRE	7.00/10.01 (100)	7.00/10.00
pHPOST	7.00/10.01	7.00/10.00

METER ID'S
pH/COND # 18
TURB # 8
RDG 9.85
STD 9.55
LOT # A5022
EXP 1/26

TRIP BLANKS

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
260108 0700B	8260C(1)	ICE/HCl	(3) VOMLVIA'S	ALS
—— 0701B	(1) NOM4	ICE	(1) LT AMBER	SRL

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
8260C(1) 1215B	8260C(1)	ICE/HCl	(3) VOMLVIALS	ALS
—— 1216B	" (FB)	"	"	"
—— 1217B	(1) NOM4	ICE	(1) LT AMBER	SRL
—— 1218B	" (FB)	"	"	"
—— 1219B	" (DUP)	"	"	"

Continued from page

Read and Understood By

T-D 1-8-26 Pete Mundt 1-12-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1.8.26 Page 1 of 1

Sample Location: ST. 7.544

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: LL 8260	LL 20MA						Charge Number: XGMD
260108 0705B	3	A	X							
1215B	3		X							
1216B	3		X							
0765B	1			X						
1217B	1			X						
1218B	1			X						

Sample Location: ST. 7.729

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: LL 8260	LL 20MA						Charge Number: XGMJ
260108 1235B	3	A	X							
1236B	3		X							
1237B	1			X						
1238B	1			X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1.8.26 2PM			1-12-26 /0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

AL MONTES & TONY TORRES PRESENT. THE WEATHER IS OVERCAST AND COOL. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SYSTEM. PURGE PRESSURE 228psi & SAMPLE PRESSURE @ 207psi. A MIN OF 4 GALLONS PURGED. PARAM'S STABL PRIOR TO SAMPLING. BUBBLER SET @ 5psi & STABLE @ 5psi. THE FIRST 350 ml's WILL BE DISCARDED PRIOR TO SAMPLING. CARBOY #2

PARAM's PRE	PARAMS
250108 1234B	250108 1235B
ph 7.73	7.75
TEMP 16.9°C	16.3
COND 892	885
TURB 0.59	0.63
PHPRE 7.00/10.00	7.00 (10.01)
PHPOST 7.00/10.00	7.00 / 10.00

METERIAL
pH/COND #18
TURB 8
" STD 9.85
" RDG 9.55
" LOT 45OC
" EXP 1/26

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
260108 1235B	8260 (11)	ICE / HCl	(3) 40 ml VIALS	ALS
—— 1236B	" (FB)	"	"	"
—— 1237B	LL NDMA	ICE	(1) LITER AMBER	SRT
—— 1238B	" (FB)	"	"	"

Continued from page

Read and Understood By

T-9 1-08-26 Ron W Munch 1-12-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1.8.26 Page 1 of 1

Sample Location: ST. 7.544

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	LL 92160	LL 20MA						Charge Number
										XGMD
260108 0706B	3	A	X							
1215B	3	|	X							
1216B	3	|	X							
0706B	1	|		X						
1217B	1	|		X						
1218B	1			X						

Sample Location: ST.7.729

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	LL 92160	LL 20MA						Charge Number
										XGMJ
260108 1235B	3	A	X							
1236B	3	|	X							
1237B	1	|		X						
1238B	1			X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1.8.26 2PM			1-12-26 /0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

AL MONTES & TONY TORRES PRESENT, THE WEATHER IS OVERCAST & COOL. THIS WELL WILL BE PURGED USING @ FLUTE SYSTEM. PURGE PRESSURE SET @ 22# & SAMPLE PRESSURE SET @ 20 PSI. A MIN OF 4 GALLONS PURGED. THE FIRST 350 MLS WILL BE ~~discharged~~ discarded PRIOR TO SAMPLING. CARboy G-2

PARAM's PRE		PARAMS
260108 1249B		260108 1300B
pH	7.97	7.94
Temp	17.0°C	17.02°C
Cond	821 µS/cm	825
Turb	0.38	0.40 NTU's
phPRE	7.00/10.00	7.00/10.00
phPOST	7.00/10.00	7.00/10.00

METER ID's	
pH/cond #	18
Temp #	8
" STD	9.85
" Adj	9.58
" LOT#	A5022
" EXP	1/26

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
260108 1250B	8260D(L)	HCl, 4°C	(3) 40 mL VIA's	ALS
→ 1251B	" (F,B)	"	"	"
— 1252B	CL, NO3, A	4°C	(1) 1 LT AMBER	SRL
— 1253B	" (F,B)	"	"	"

Continued from page

Read and Understood By

T. Q. 1-8-26 Pam W. Munk 1-12-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1-8-26 Page 1 of 1

Sample Location: ST.7 · 970

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: LL 6002 60	Analytical Requirement: LL NDMA						Charge Number: X.GAUD
260108 1250B	3	A	X							
1251B	3	|	X							
1252B	1	|		X						
1253B	1	|		X						

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1·8·26 2Pm			1-12-26 0820

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Al Montes & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 224 psi and sample pressure set @ 203 psi. Bubbler set @ 3psi and stable @ 7psi. The first 350 ml collected just prior to sampling will be discarded. Carboy G2 in use.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
260112 0745B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
——— 0746B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI

Pre-parameters
Time - 260112 1115B
PH - 7.55
Temp - 17.4°C
Cond - 1001 us/cm
Turb - 0.72 NTU's
pH pre - 7.13 / 10.16 (12.9°C)
pH post - 7.13 / 10.15

Parameters
Time - 260112 1145B
PH - 7.62
Temp - 18.0°C
Cond - 1006 us/cm
Turb - 0.65 NTU's
pH pre - 7.09 / 10.12 (17.3°C)
pH post - 7.10 / 10.12

Meter ID
pH/Cond - 16
Turb - 8
" Std - 9.85 NTU's
" rdg - 9.74 NTU's
" lot - A5022
" Exp - 1/31/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260112 1150B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
——— 1151B	" (FB)	"	"	"	"
——— 1152B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 1153B	" (FB)	"	"	"	"

* Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/12/25 Al Montes 1-12-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/12/26 Page 1 of 1

Sample Location: WW-5-459

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA	Charge Number
260112 0745B (TB)		3	A	✓		XGMD
0746B (TB)		1	A		✓	4
1150B		3	A	✓		4
1151B (FB)		3	A	✓		4
1152B		1	A		✓	4
1153B (FB)		1	A		✓	4

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fiemo	1/12/26/1315hrs.		[signature]	1-13-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al Montes & Craig Del Ferraro present. Weather is clear & cold. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 224 and sample pressure set @ 203psi. Bubbler set @ 3psi and stable @ 7psi. The first 350 mL collected just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters
Time - 260112/1130B
PH - 7.60
Temp - 18.5 °C
Cond - 928 us/cm
Turb - 0.52 NTU's
pHpre - 7.11/10.15 (14.3 °C)
pHpost - 7.12/10.14

Parameters
Time - 260112/1215B
PH - 7.51
Temp - 18.2 °C
Cond - 917 us/cm
Turb - 0.43 NTU's
pHpre - 7.08/10.10 (18.2 °C)
pHpost - 7.08/10.11

Meter ID
PH/Cond - 16
Turb - 8
" Std - 9.85 NTU
" rdg - 9.74 NTU
" lot - A5022
" Exp - 1/12/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260112/1220B	VOA by 8260LL	ice / HCL	(3) 40ml vials	2827	ALS
——— 1221B	" (FB)	"	"	"	"
——— 1222B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRI
——— 1223B	" (FB)	"	"	"	"

*Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/12/26 Signed

Peter W Munde 1-12-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/12/26 Page 1 of 1

Sample Location: WW-5-579

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LL NDMA						Charge Number
Pertinent Notes (if any)										
260112/1220B	3	A	✓							XGMD
1221B (FB)	3	A	✓							"
1222B	1	A		✓						"
1223B (FB)	1	A		✓						"

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
Pertinent Notes (if any)										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	1/12/26/1315hrs.		Jon W Jurnal	1-13-26 / 0830

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al Montes & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a FLUTe system. Samples will be collected using a dedicated discharge hose. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Parameters must be stable prior to sampling. Purge pressure set @ 224 psi and sample pressure @ 203 psi. Bubbler set @ 3 psi and stable @ 7 psi. The first 350ml collected just prior to sampling will be discarded. Carboy G2 in use.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
260113 0730B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 0731B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRC

Pre-parameters	Parameters	Meter ID
Time - 260113 1100B	Time - 260113 1150B	pH/Cond - 16
PH - 7.70	PH - 7.62	Turb - 8
Temp - 18.5°c	Temp - 18.9°c	" std - 9.85 NTU
Cond - 875 us/cm	Cond - 868 us/cm	" rdg - 9.77 NTU
Turb - 0.68 NTU's	Turb - 0.60 NTU's	" lot - A5022
pHpre - 7.12/10.10 (16.0°c)	pHpre - 7.06/10.05 (20.4°c)	" Exp - 1/31/26
pHpost - 7.13/10.09	pHpost - 7.07/10.05	

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260113 1155B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1156B	" (FB)	"	"	"	"
——— 1157B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRC
——— 1158B	" (FB)	"	"	"	"

* Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/13/26 Peter W Munck 1-14-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/13/26 Page 1 of 1

Sample Location: WW-5-809

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA						Charge Number
Pertinent Notes (if any)										
2601130730B (TB)	3	A	✓							XGMD
0731B (TB)	1	A		✓						u
1155B	3	A	✓							u
1156B (FB)	3	A	✓							u
1157B	1	A		✓						u
1158B (FB)	1	A		✓						u

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
Pertinent Notes (if any)										

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	1/13/26/1315hrs.		[signature]	1-14-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

Al Montes & Craig Del Ferraro present. Weather is clear & cold. This well will be purged using a FLUTe system. Samples will be collected using a dedicate discharge hose. This zone will be purged every 15-20 min. until at least 4 gallons have been collected. Parameters must be stake prior to sampling. Purge pressure set @ 224psi and sample pressure @ 203psi. Bubbler set @ 3 psi and stable @ 7 psi. The first 350 ml collected just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters
Time - 260113 1115B
PH - 7.48
Temp - 19.7°C
Cond - 1138us/cm
Turb - 0.61 NTU's
pHpre - 7.10/10.09 (16.4°C)
pHpost - 7.11/10.08

Parameters
Time - 260113 1210B
PH - 7.53
Temp - 19.4°C
Cond - 1122 us/cm
Turb - 0.55 NTU's
pHpre - 7.05/10.04 (21.1°C)
pHpost - 7.05/10.05

Meter ID
pH/Cond - 16
Turb - 8
" Std - 9.85 NTU's
" rdg - 9.77 NTU's
" lot - A5022
" Exp - 1/31/26

Buffers	Lot	Exp
7	CC810372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
260113 1215B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2827	ALS
——— 1216B	" (FB)	"	"	"	"
——— 1217B	Low Level NDMA	ice	(1) 1L Amber	0114801K	SRL
——— 1218B	" (FB)	"	"	"	"

*Total gallons purged: 4

Continued from page N/A

Read and Understood By

Craig Del Ferraro 1/13/26 Pam Munck 1-14-26

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1/13/26 Page 1 of 1

Sample Location: WW-5-909

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA	Charge Number
260113121 5B		3	A	✓		XGmD
1216B (FB)		3	A	✓		"
1217B		1	A		✓	"
1218B (FB)		1	A		✓	"

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement	Charge Number

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
Craig DelZeno	1/13/26 / 1315hrs	[signature]	1-14-26 / 0815

* Sample Matrix Types: G – Gaseous; A – Aqueous; S – Solid; O – Other: _____

WSTF 381C (05/2016)

Appendix C
Chemical Analytical Program
(Internal QA reports)

National Aeronautics and Space Administration

Quality Assurance Report for White Sands Test Facility Groundwater Monitoring Data

November 2025

NM8800019434

Report Submitted: April 2026

Report Prepared by:
Stephanie Portillo
Environmental Scientist IV
Navarro Research and Engineering, Inc.

1.0 Introduction

The WSTF Groundwater Monitoring Plan (GMP) requires the preparation of a periodic report to assess the quality of groundwater analytical data reported. The monthly Quality Assurance Report (QAR) prepared and reviewed by responsible environmental contractor data management personnel provides the following information:

- A summary of notable anomalies and a follow-up on previous anomalies, if necessary.
- A summary of notable data quality issues by analytical method, if any.
- A list of the sample events for which groundwater samples were collected in November 2025.
- The quantity and type of quality control samples collected or prepared in November 2025.
- Quality control sample percentages in annual period immediately preceding and during November 2025.
- Definitions of data qualifiers used in WSTF analytical data reporting.
- The quantity and type of data qualifiers applied to individual analytical results.
- A list of quality assurance narratives for the month arranged by analytical method.
- A summary table of detections in equipment blank, field blank, and trip blank samples.

2.0 Data Quality

2.1 Notable Anomalies Identified in Previous Quality Assurance Reports

There were no notable anomalies requiring follow-up associated with previous QARs.

2.2 Notable Anomalies

Sample 2511070956 was designated as a matrix spike for PL-7-560. Due to laboratory error, the matrix spike was never added. The sample is now identified as a duplicate sample in the database and the change was noted in the field logbook.

There were no other notable anomalies in the groundwater data associated with the November 2025 QAR.

3.0 Data Tables

Table 1 summarizes the groundwater sample events initiated in November 2025. This report is based on data quality issues related to the sample events listed in Table 1. Tables 2 through 8 contain information related to the sample events identified in Table 1. As specified by the GMP, specific quality control samples are utilized to assess the quality of analytical data. Table 2 presents the quantity of quality control samples collected for each analytical method. Table 3 compares the quality control sample percentages collected to the requirements in the GMP. When data quality criteria are not met, data qualifiers are applied to the data. Definitions of data qualifiers used for WSTF chemical analytical data are listed in Table 4. Table 5 and Table 6 present the total number of individual result records and summarize the quantity of field and laboratory data qualifiers assigned to individual analyte result records in the WSTF analytical database. Table 7 provides all quality assurance narratives associated with the sample events in Table 1. Narratives associated with qualified data are identified by **bold text** in Table 7. Table 8 provides a summary of all detections in WSTF blank samples.

Table 1 – Sample Events for November 2025

Well ID	Event Date
100-D-176	07-Nov-25
200-I-300	12-Nov-25

Well ID	Event Date
200-I-375	12-Nov-25
200-I-490	11-Nov-25

Well ID	Event Date
200-I-675	10-Nov-25
200-I-795	10-Nov-25

Well ID	Event Date
400-C-143	10-Nov-25
B650-EFF-1	07-Nov-25
B650-INF-1	07-Nov-25
B655-EFF-2	07-Nov-25
B655-INF-2	07-Nov-25
BLM-2-630	06-Nov-25
BLM-22-570	12-Nov-25
BLM-24-565	05-Nov-25
BLM-26-404	03-Nov-25
BLM-3-182	10-Nov-25
BLM-32-543	03-Nov-25
BLM-32-571	03-Nov-25
BLM-32-632	03-Nov-25

Well ID	Event Date
BLM-36-350	04-Nov-25
BLM-36-610	03-Nov-25
BLM-36-800	04-Nov-25
BLM-36-860	03-Nov-25
BLM-38-480	05-Nov-25
BLM-38-620	05-Nov-25
BLM-8-418	06-Nov-25
BW-5-295	12-Nov-25
MPE-1	11-Nov-25
MPE-10	11-Nov-25
MPE-11	11-Nov-25
MPE-3	11-Nov-25
MPE-4	11-Nov-25

Well ID	Event Date
MPE-9	11-Nov-25
NASA 6	10-Nov-25
PL-12-570	11-Nov-25
PL-12-800	11-Nov-25
PL-7-560	07-Nov-25
ST-1-541	13-Nov-25
ST-1-630	13-Nov-25
ST-5-485	06-Nov-25
ST-5-655	06-Nov-25
WW-4-419	04-Nov-25
WW-4-589	04-Nov-25
WW-4-848	05-Nov-25
WW-4-948	05-Nov-25

Table 2 – Quantity of Quality Control Samples

Method	Samples	Field Blanks	Equip Blanks	Trip Blanks	Blind Controls	Duplicates	Matrix Spikes
Nitrate plus Nitrite as N by EPA Method 353.2	**5**	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**29**	**1**	**2**	0	**1**	**4**	**1**
Perchlorate by SW-846 Method 6850	**5**	0	0	0	0	0	0
Organics by SW-846 Method 8015M	**2**	0	0	0	0	0	0
Pesticides by SW-846 Method 8081	**2**	0	0	0	0	0	0
PCBs by SW-846 Method 8082	**2**	0	0	0	0	0	0
Herbicides by SW-846 Method 8151	**2**	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**33**	**22**	**11**	**2**	**1**	**5**	0
Low Level Volatile Organics by SW-846 Method 8260C	**12**	**9**	**3**	**2**	0	**1**	0
Semi-Volatile Organics by SW-846 Method 8270D	**3**	0	0	0	0	0	0
Dioxins/Furans by SW-846 Method 8290	**2**	0	0	0	0	0	0
Cyanide by SW-846 Method 9012B	**2**	0	0	0	0	0	0
Sulfide by SW-846 Method 9030	**2**	0	0	0	0	0	0
Phenolics by SW-846 Method 9066	**2**	0	0	0	0	0	0
Anions by Various EPA Methods	**5**	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**11**	**1**	**2**	0	**1**	**1**	0
Nitrosamines by Low-Level Method	**20**	**15**	**5**	**4**	**1**	**2**	**1**
Total Dissolved Solids by Standard Method 2540C	**4**	0	0	0	0	0	0

Table 3 – Quality Control Sample Percentages

Quality Control Requirement	Requirement %	Samp. Qty. since Dec 2024	QC Qty. Dec 2024	QC % since Dec 2024	Sample Quantity Nov 2025	QC Quantity Nov 2025	QC % Nov 2025
VOA Duplicates	**10**	557	63	**11.31**	45	6	**13.33**
VOA Matrix Spikes	**2**	557	12	**2.15**	45	0	**0.00**
607 Duplicates	**10**	351	34	**9.69**	29	4	**13.79**

Quality Control Requirement	Requirement %	Samp. Qty. since Dec 2024	QC Qty. Dec 2024	QC % since Dec 2024	Sample Quantity Nov 2025	QC Quantity Nov 2025	QC % Nov 2025
607 Matrix Spikes	**2**	351	8	**2.28**	29	1	**3.45**
607 Equipment Blanks	**2**	351	8	**2.28**	29	2	**6.90**
607 Field Blanks	**2**	351	9	**2.56**	29	1	**3.45**
NDMA_LL Duplicates	**10**	325	37	**11.38**	20	2	**10.00**
NDMA_LL Matrix Spikes	**2**	325	12	**3.69**	20	1	**5.00**
Metals Duplicates	**10**	234	24	**10.26**	11	1	**9.09**
Metals Matrix Spikes	**2**	234	6	**2.56**	11	0	**0.00**
Metals Equipment Blanks	**5**	234	11	**4.70**	11	2	**18.18**
Metals Field Blanks	**5**	234	14	**5.98**	11	1	**9.09**

Quality Control Requirement	Requirement %	Sample Events since Aug 2024	QC Qty. since Aug 2024	QC % since Aug 2024	Sample Events Sept 2025	QC Quantity Sept 2025	QC % Sept 2025
VOA Equipment Blanks and Field Blanks	*Should approach 100%*	557	557	**100%**	45	45	**100%**
Low Level Nitrosamine Equipment Blanks and Field Blanks	*Should approach 100%*	321	321	**100%**	20	20	**100%**

Quality Control Requirement	Requirement %	Shipments since Aug 2024	TB Qty. since Aug 2024	TB % since Aug 2024	Shipments in Sept 2025	TB Quantity Sept 2025	QC % Sept 2025
VOA Trip Blank (per shipment)	*Should approach 100%*	84	84	**100%**	4	4	100%
Low Level Nitrosamine Trip Blank (per shipment)	*Should approach 100%*	76	76	**100%**	4	4	100%

Table 4 – Definitions of Data Qualifiers

Qualifier	Definition
*	User defined qualifier. See quality assurance narrative.
A	The result of an analyte for a laboratory control sample (LCS), initial calibration verification (ICV) or continuing calibration verification (CCV) was outside standard limits.
AD	Relative percent difference for analyst (laboratory) duplicates was outside standard limits.
D	The reported result is from a dilution.
EB	The analyte was detected in the equipment blank.
FB	The analyte was detected in the field blank.
G	The result is an estimated value greater than the upper calibration limit.
i	The result, quantitation limit, and/or detection limit may have been affected by matrix interference.
J	The result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
K	The peak ratio did not meet ± 25% criteria. Concentration should be considered an estimated maximum possible concentration.
NA	The value/result was either not analyzed for or not applicable.
ND	The analyte was not detected above the detection limit.

Qualifier	Definition
Q	The result for a blind control sample was outside standard limits.
QD	The relative percent difference for a field duplicate was outside standard limits.
R	The result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
RB	The analyte was detected in the method blank.
S	The result was determined by the method of standard addition.
SP	The matrix spike recovery and/or the relative percent difference for matrix spike duplicates was outside standard limits.
T	The sample was analyzed outside the specified holding time or temperature.
TB	The analyte was detected in the trip blank.
TIC	The analyte was tentatively identified by a GC/MS library search and the amount reported is an estimated value.

Table 5 – Quantity of Field Based Data Qualifiers Assigned to Individual Result Records

Method	Total Result Records	FB	EB	TB	Q	QD	SP	R
Nitrate plus Nitrite as N by EPA Method 353.2	**5**	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**105**	0	0	0	**1**	0	0	**6**
Perchlorate by SW-846 Method 6850	**5**	0	0	0	0	0	0	0
Organics by SW-846 Method 8015M	**2**	0	0	0	0	0	0	0
Pesticides by SW-846 Method 8081	**42**	0	0	0	0	0	0	0
PCBs by SW-846 Method 8082	**14**	0	0	0	0	0	0	0
Herbicides by SW-846 Method 8151	**12**	0	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**2485**	0	0	0	**2**	0	0	0
Low Level Volatile Organics by SW-846 Method 8260C	**850**	0	0	0	0	0	0	0
Semi-Volatile Organics by SW-846 Method 8270D	**393**	0	0	0	0	0	0	0
Dioxins/Furans by SW-846 Method 8290	**50**	0	0	0	0	0	0	0
Cyanide by SW-846 Method 9012B	**2**	0	0	0	0	0	0	0
Sulfide by SW-846 Method 9030	**2**	0	0	0	0	0	0	0
Phenolics by SW-846 Method 9066	**2**	0	0	0	0	0	0	0
Anions by Various EPA Methods	**20**	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**324**	0	**2**	0	**2**	**2**	0	0
Nitrosamines by Low-Level Method	**44**	**4**	**4**	0	**2**	0	0	0
Total Dissolved Solids by Standard Method 2540C	**4**	0	0	0	0	0	0	0

Table 6 – Quantity of Laboratory based Data Qualifiers Assigned to Individual Result Records

Method	Total Result Records	*	A	AD	G	RB	T	D	i	J	K
Nitrate plus Nitrite as N by EPA Method 353.2	**5**	0	0	0	0	0	0	**3**	**3**	0	0
Nitrosamines by EPA Method 607	**105**	0	0	0	**4**	0	0	**4**	0	**5**	0
Perchlorate by SW-846 Method 6850	**5**	**2**	0	0	0	0	0	0	0	0	0
Organics by SW-846 Method 8015M	**2**	0	0	0	0	0	0	0	0	0	0
Pesticides by SW-846 Method 8081	**42**	0	0	0	0	0	0	0	0	0	0
PCBs by SW-846 Method 8082	**14**	0	0	0	0	0	0	0	0	0	0
Herbicides by SW-846 Method 8151	**12**	0	0	0	0	0	0	0	0	0	0

Method	Total Result Records	*	A	AD	G	RB	T	D	i	J	K
Volatile Organics by SW-846 Method 8260C	**2485**	0	**20**	0	**5**	0	0	**10**	0	**41**	0
Low Level Volatile Organics by SW-846 Method 8260C	**850**	**64**	0	0	0	0	0	0	0	**3**	0
Semi-Volatile Organics by SW-846 Method 8270D	**393**	0	0	0	0	0	0	0	0	**1**	0
Dioxins/Furans by SW-846 Method 8290	**50**	0	0	0	0	0	0	0	0	0	0
Cyanide by SW-846 Method 9012B	**2**	0	0	0	0	0	0	0	0	0	0
Sulfide by SW-846 Method 9030	**2**	0	0	0	0	0	0	0	0	0	0
Phenolics by SW-846 Method 9066	**2**	0	0	0	0	0	0	0	0	0	0
Anions by Various EPA Methods	**20**	0	0	0	0	0	0	**6**	**6**	0	0
Total Metals by Various SW-846 Methods	**324**	0	0	0	0	0	0	**6**	**6**	**59**	0
Nitrosamines by Low-Level Method	**44**	0	0	0	0	**9**	0	0	0	**2**	0
Total Dissolved Solids by Standard Method 2540C	**4**	0	0	0	0	0	0	0	0	0	0

Table 7 – Quality Assurance Narratives

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (61 ug/L and 34 ug/L) and Sulfur Dioxide (1.6 ug/L and 1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511031351A and field blank 2511031352A.**
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, PCE (0.59 ug/L), CFC 123a (0.34 ug/L), and CFC 21 (0.34 ug/L) in sample 2511031351A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, tentatively identified compound Carbon Dioxide (28 ug/L) was detected in the method blank (RQ2516279-04).**
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511031352A) at 34.0 ug/L. Sulfur Dioxide was detected in the field blank (2511031352A) at 1.3 ug/L.**
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

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BLM-26-404	03-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-32-543	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (36 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank sample 2511030700B.**
BLM-32-543	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (63 ug/L and 32 ug/L) and Sulfur Dioxide (1.2 ug/L and 1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511031215B and field blank 2511031216B.**
BLM-32-543	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (65 ug/L and 33 ug/L) and Sulfur Dioxide (1.5 ug/L and 1.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511031235B and field blank 2511031236B.**
BLM-32-543	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-32-543	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the trip blank (2511030700B) at 36.0 ug/L.**
BLM-32-543	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511031216B) at 32.0 ug/L. Sulfur Dioxide was detected in the field blank (2511031216B) at 1.3 ug/L.**
BLM-32-543	03-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-32-543	03-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-32-543	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-32-543	03-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-32-543	03-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-32-571	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-32-571	03-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

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BLM-32-571	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511031236B) at 33.0 ug/L. Sulfur Dioxide was detected in the field blank (2511031236B) at 1.4 ug/L.**
BLM-32-571	03-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-32-571	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-32-571	03-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-32-571	03-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-32-632	03-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-32-632	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-32-632	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511031256B) at 37.0 ug/L. Sulfur Dioxide was detected in the field blank (2511031256B) at 1.7 ug/L.**
BLM-32-632	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (58 ug/L and 37 ug/L) and Sulfur Dioxide (1.4 ug/L and 1.7 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511031255B and field blank 2511031256B.**
BLM-32-632	**03-Nov-25**	**For SW-846 Method 8260D, 1,4-Dioxane, 2,5-dimethyl- (0.79 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511031255B.**
BLM-32-632	03-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-32-632	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-32-632	03-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-32-632	03-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the

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		exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-610	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-36-610	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (64 ug/L and 30 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511031020Y and equipment blank sample 2511030915Y.**
BLM-36-610	03-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-610	03-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-610	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-36-610	03-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-610	03-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-860	03-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-860	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-36-860	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (66 ug/L and 40 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511031402Y and equipment blank sample 2511031320Y.**
BLM-36-860	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2511031320Y) at 40.0 ug/L.**
BLM-36-860	03-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-860	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery

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		equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-36-860	03-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-860	03-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-350	04-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-36-350	04-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-350	04-Nov-25	For SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2511041430Y and 2511041431Y were within control limits or below the calculable range.
BLM-36-350	**04-Nov-25**	**For SW-846 Method 8260D, cis-1,2-Dichloroethene (0.29 ug/L and 0.25 ug/L) and 1,1-Dichloroethene (0.21 ug/L) in samples 2511041430Y and 2511041431Y are estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-36-350	**04-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (66 ug/L and 40 ug/L) is an estimated value and tentatively identified by a GC/MS library search in samples 2511041430Y, 2511041431Y, and equipment blank sample 2511041300Y.**
BLM-36-350	**04-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2511041300Y) at 40.0 ug/L.**
BLM-36-350	**04-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide (1.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511041430Y.**
BLM-36-350	04-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-350	04-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-36-350	04-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-350	04-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-800	04-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

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BLM-36-800	04-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-36-800	**04-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (65 ug/L and 35 ug/L) and Sulfur Dioxide (1.3 ug/L and 1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511041045Y and field blank 2511040850Y.**
BLM-36-800	**04-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2511040850Y) at 35.0 ug/L. Sulfur Dioxide was detected in the equipment blank (2511040850Y) at 1.3 ug/L.**
BLM-36-800	04-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-800	04-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-36-800	04-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-36-800	04-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-4-419	**04-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide (3.5 ug/L and 3.8 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511041230B and field blank 2511041231B.**
WW-4-419	04-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-4-419	**04-Nov-25**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511041231B) at 3.8 ug/L.**
WW-4-589	**04-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide (3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2511041251B.**
WW-4-589	04-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-4-589	**04-Nov-25**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511041251B) at 3.0 ug/L.**
BLM-24-565	05-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-24-565	05-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery

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		equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-24-565	05-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-24-565	**05-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511051322A) at 30.0 ug/L. 1-Hexanol, 2-ethyl- was detected in the field blank (2511051322A) at 0.81 ug/L.**
BLM-24-565	**05-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (38 ug/L and 30 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511051321A and field blank 2511051322A.**
BLM-24-565	**05-Nov-25**	**For SW-846 Method 8260D, 1-Hexanol, 2-ethyl- (0.81 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511051322A.**
BLM-24-565	**05-Nov-25**	**For SW-846 Method 8260D, 1-Propene, 2-methyl- (1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511051321A.**
BLM-38-480	05-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-38-480	**05-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (56 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511051450Y.**
BLM-38-480	05-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-38-480	05-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-38-480	05-Nov-25	For SW-846 Method 8260D, there were no detections in the equipment blank.
BLM-38-620	**05-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (56 ug/L and 30 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511051005Y and equipment blank 2511050900Y.**
BLM-38-620	05-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-38-620	05-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-38-620	05-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-38-620	**05-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2511050900Y) at 30.0 ug/L.**
WW-4-848	05-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-4-848	**05-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (53 ug/L and 34 ug/L) and Sulfur Dioxide (1.5 ug/L and 1.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511051250B and field blank 2511051251B.**
WW-4-848	**05-Nov-25**	**For SW-846 Method 8260D, Propanal (9.6 ug/L) and Sulfur Dioxide (1.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511051230B.**
WW-4-848	**05-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (51 ug/L and 29 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511051230B and field blank 2511051231B.**
WW-4-848	**05-Nov-25**	**For SW-846 Method 8260D, Carbamic acid, monoammonium salt (32 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank 2511050700B.**
WW-4-848	05-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
WW-4-848	05-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
WW-4-848	**05-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511051231B) at 29.0 ug/L.**
WW-4-848	**05-Nov-25**	**For Low Level SW-846 Method 8260D, Carbamic acid, monoammonium salt was detected in the trip blank (2511050700B) at 32.0 ug/L.**
WW-4-948	05-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-4-948	05-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
WW-4-948	05-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
WW-4-948	**05-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511051251B) at 34.0 ug/L. Sulfur Dioxide was detected in the field blank (2511051251B) at 1.1 ug/L.**
BLM-2-630	**06-Nov-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (0.24 ug/L) in sample 2511061000A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-2-630	**06-Nov-25**	**For SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (24 ug/L)is an estimated value and tentatively identified by a GC/MS library search in method blank RQ2516638-03.**
BLM-2-630	**06-Nov-25**	**For SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (24 ug/L) and Silane, methoxytrimethyl- (0.64 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511061000A.**
BLM-2-630	**06-Nov-25**	**For SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (24 ug/L) and (0.58 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511061001A.**

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BLM-2-630	**06-Nov-25**	**For SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (24 ug/L) and Silane, methoxytrimethyl- (0.64 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511061000A.**
BLM-2-630	**06-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511061001A) at 0.58 ug/L. Benzene, 1-bromo-3-fluoro- was detected in the field blank (2511061001A) at 24.0 ug/L.**
BLM-8-418	06-Nov-25	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-8-418	06-Nov-25	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-8-418	06-Nov-25	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-8-418	**06-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511061411A) at 33.0 ug/L.**
BLM-8-418	**06-Nov-25**	**For Low Level SW-846 Method 8260D, multiple analyte results in sample 2511061410A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-5-485	06-Nov-25	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
ST-5-485	06-Nov-25	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
ST-5-485	06-Nov-25	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
ST-5-485	**06-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (51 ug/L) and Sulfur Dioxide (1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511061355Y.**
ST-5-485	06-Nov-25	For Low Level SW-846 Method 8260D, there were no detections in the equipment blank.
ST-5-655	**06-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (27 ug/L) and Sulfur Dioxide (2.1 ug/L), and Silane, methoxytrimethyl- (1.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank 2511060750Y.**
ST-5-655	06-Nov-25	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
ST-5-655	06-Nov-25	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

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ST-5-655	**06-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (48 ug/L and 32 ug/L) and Sulfur Dioxide (1.2 ug/L and 1.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511061005Y and equipment blank 2511060855Y.**
ST-5-655	06-Nov-25	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
ST-5-655	**06-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2511060855Y) at 32.0 ug/L. Sulfur Dioxide was detected in the equipment blank (2511060855Y) at 1.5 ug/L.**
ST-5-655	**06-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the trip blank (2511060750Y) at 27.0 ug/L. Sulfur Dioxide was detected in the trip blank (2511060750Y) at 2.1 ug/L. Silane, methoxytrimethyl- was detected in the trip blank (2511060750Y) at 1.1 ug/L.**
100-D-176	07-Nov-25	For SW-846 Method 8260, samples 2511071000A, 2511071001A and 2511071002A are incorrectly labeled as samples "2511071000", "2511071001" and "2511071002" in the analytical report, and the associated EDD file due to a technician error. The sample IDs were corrected in the EDD file to match the logbook accordingly. No further action taken.
100-D-176	**07-Nov-25**	**For Low Level SW-846 Method 8260D, CFC 123a (0.53 ug/L) and Sulfur Dioxide (0.43 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511071000A.**
100-D-176	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (25 ug/L) and CFC 123a (0.51 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511071002A.**
100-D-176	07-Nov-25	For SW-846 Method 8260D, there were no detections in the field blank.
100-D-176	07-Nov-25	For SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2511071000A and 2511071002A were within control limits or below the calculable range.
B650-EFF-1	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (27 ug/L) are estimated values and tentatively identified by a GC/MS library search in method blank RQ2516576-03.**
B650-EFF-1	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511070751) at 33.0 ug/L.**
B650-EFF-1	07-Nov-25	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
B650-EFF-1	07-Nov-25	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
B650-EFF-1	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511070751) at 33.0 ug/L.**
B650-EFF-1	07-Nov-25	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
B650-EFF-1	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (33 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2511070751.**
B650-EFF-1	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (57 ug/L) and Trimethylsilyl fluoride (1.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511070750.**
B650-INF-1	**07-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511070807) at 0.42 ug/L. Benzene, 1-bromo-3-fluoro- was detected in the field blank (2511070807) at**

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		25.0 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2511070807) at 0.4 ug/L.
B650-INF-1	07-Nov-25	For SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2511070805 and 2511070806 were within control limits or below the calculable range.
B650-INF-1	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (25 ug/L), Sulfur Dioxide (0.42 ug/L), and Silane, methoxytrimethyl- (0.42 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511070807.**
B650-INF-1	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (24 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511070805.**
B655-EFF-2	07-Nov-25	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
B655-EFF-2	07-Nov-25	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
B655-EFF-2	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (57 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511070542.**
B655-EFF-2	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbamic acid, monoammonium salt was detected in the field blank (2511070543) at 34.0 ug/L.**
B655-EFF-2	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbamic acid, monoammonium salt (34 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2511070543.**
B655-EFF-2	07-Nov-25	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
B655-INF-2	**07-Nov-25**	**For SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (23 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511070555.**
B655-INF-2	**07-Nov-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (180 ug/L) in sample 2510141001C required a 2-fold dilution.**
B655-INF-2	**07-Nov-25**	**For SW-846 Method 8260D, Glycine, methyl ester (1.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511070556.**
B655-INF-2	**07-Nov-25**	**For SW-846 Method 8260D, Glycine, methyl ester was detected in the field blank (2511070556) at 1.1 ug/L.**
PL-7-560	07-Nov-25	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-7-560	07-Nov-25	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-7-560	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (49 ug/L, 50 ug/L, and 31 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511070955Y, 2511070956Y, and equipment blank 2511070845Y.**
PL-7-560	07-Nov-25	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated

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		recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
PL-7-560	**07-Nov-25**	**For Low Level SW-846 Method 8260D, due to an error at the laboratory, sample 2511070956Y (PL-7-560) was not spiked. Therefore, the results for this sample are reported as a duplicate. The sampling notes and the database have been changed to reflect that the sample is now a sample duplicate.**
PL-7-560	07-Nov-25	For Low Level SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2511070955Y and 2511070956Y were within control limits or below the calculable range.
PL-7-560	**07-Nov-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2511070845Y) at 31.0 ug/L.**
PL-7-560	**07-Nov-25**	**For Low Level SW-846 Method 8260D, due to a laboratory error the matrix spike analysis for sample 2511070956Y was missed. Sample was changed to a duplicate in the database.**
200-I-675	**10-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide (1.7 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2516821-04) for analytical batch 901462. Groundwater data are affected by this method blank contamination are flagged.**
200-I-675	**10-Nov-25**	**For Low Level SW-846 Method 8260C, Trimethylsilyl fluoride (7.6 ug/L), Sulfur Dioxide (3.3 ug/L) and L-Cysteine sulfinic acid (1.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511101430Y.**
200-I-675	**10-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
200-I-675	10-Nov-25	For SW-846 Method 8260D, there were no detections in the equipment blank.
200-I-795	**10-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
200-I-795	**10-Nov-25**	**For SW-846 Method 8260D, Hydrogen Sulfide was detected in the equipment blank (2511100900Y) at 2.2 ug/L.**
400-C-143	**10-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
400-C-143	**10-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511100952C) at 1.4 ug/L.**
BLM-3-182	**10-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
BLM-3-182	10-Nov-25	For SW-846 Method 8260D, there were no detections in the field blank.
NASA 6	**10-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
NASA 6	**10-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
NASA 6	10-Nov-25	For SW-846 Method 8260D, there were no detections in the field blank.
200-I-490	**11-Nov-25**	**For SW-846 Method 8260C, Trimethylsilyl fluoride (2 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511120923Y and Sulfur Dioxide (1.8 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2511110945Y.**
200-I-490	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
200-I-490	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
200-I-490	**11-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**

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200-I-490	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
200-I-490	**11-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the equipment blank (2511110945Y) at 1.8 ug/L.**
MPE-1	**11-Nov-25**	**For SW-846 Method 8260C, Sulfur Dioxide (3 ug/L and 2.2 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511110801 and field blank 2511110802.**
MPE-1	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
MPE-1	11-Nov-25	For SW-846 Method 8260D, sample 2511110801 is incorrectly reported as "2511100801" in the analytical report and the associated EDD file due to a laboratory error. The sample ID was corrected in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.
MPE-1	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-1	**11-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
MPE-1	**11-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
MPE-1	**11-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511110802) at 2.2 ug/L.**
MPE-10	**11-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (240 ug/L and 8.5 ug/L) and Sulfur Dioxide are estimated values and tentatively identified by a GC/MS library search in sample 2511110945.**
MPE-10	**11-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (23 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2511110946.**
MPE-10	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
MPE-10	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
MPE-10	11-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
MPE-10	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511110946) at 23.0 ug/L.**
MPE-10	**11-Nov-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (290 ug/L) in sample 2511110945 required a 2.5-fold dilution.**
MPE-11	**11-Nov-25**	**For SW-846 Method 8260C, Sulfur Dioxide (2.5 ug/L and 2.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511110825 and field blank 2511110826.**
MPE-11	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-11	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
MPE-11	**11-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511110826) at 2.5 ug/L.**
MPE-11	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**

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MPE-3	**11-Nov-25**	**For SW-846 Method 8260C, Trimethylsilyl fluoride (2.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2511110852.**
MPE-3	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-3	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
MPE-3	**11-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
MPE-3	**11-Nov-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane was detected in the field blank (2511110852) at 440.0 ug/L. 1,1-Dichloroethene was detected in the field blank (2511110852) at 1.3 ug/L. Dichlorodifluoromethane (CFC 12) was detected in the field blank (2511110852) at 0.22 ug/L. Dichlorofluoromethane (CFC 21) was detected in the field blank (2511110852) at 1.8 ug/L. Tetrachloroethene (PCE) was detected in the field blank (2511110852) at 4.7 ug/L. Trichloroethene (TCE) was detected in the field blank (2511110852) at 96.0 ug/L. Trichlorofluoromethane (CFC 11) was detected in the field blank (2511110852) at 150.0 ug/L. 1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a) was detected in the field blank (2511110852) at 1.6 ug/L. Trimethylsilyl fluoride was detected in the field blank (2511110852) at 2.3 ug/L.**
MPE-4	**11-Nov-25**	**For SW-846 Method 8260C, Sulfur Dioxide (3.4 ug/L and 2 ug/L) is an estimated value and tentatively identified by a GC/MS library search in samples 2511110905 and 2511110906.**
MPE-4	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-4	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-4	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
MPE-4	**11-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
MPE-4	11-Nov-25	For SW-846 Method 8260D, there were no detections in the field blank.
MPE-4	**11-Nov-25**	**For SW-846 Method 8260C, field duplicate samples 2511110905 and 2511110906 the relative percent difference for Sulfur Dioxide was 51.9%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
MPE-4	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
MPE-9	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-9	11-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the

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		exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
MPE-9	11-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
MPE-9	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
MPE-9	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
MPE-9	11-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
MPE-9	11-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
MPE-9	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511110931) at 28.0 ug/L.**
MPE-9	**11-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (53 ug/L and 28 ug/L) is an estimated value and tentatively identified by a GC/MS library search in samples 2511110930 and field blank 2511110931.**
MPE-9	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
MPE-9	**11-Nov-25**	**For SW-846 Method 8260D, CFC 123a (1.8 ug/L), CFC 11 (170 ug/L), TCE (91 ug/L), PCE (4.5 ug/L), CFC 21 (1.1 ug/L), and 1,1,2-Trichloro-1,2,2-Trifluoroethane (360 ug/L) in sample 2511110930 required a 5-fold dilution.**
PL-12-570	**11-Nov-25**	**For SW-846 Method 8260C, Hydrazinecarboxamide (2.9 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank 2511110740C.**
PL-12-570	**11-Nov-25**	**For SW-846 Method 8260C, Ethene, 1,2-difluoro- (1.2 ug/L) and Sulfur Dioxide (2.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2511110912C.**
PL-12-570	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-12-570	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
PL-12-570	**11-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
PL-12-570	**11-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511110912C) at 2.9 ug/L. Ethene, 1,2-difluoro- was detected in the field blank (2511110912C) at 1.2 ug/L.**

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PL-12-570	**11-Nov-25**	**For SW-846 Method 8260D, Hydrazinecarboxamide was detected in the trip blank (2511110740C) at 2.9 ug/L.**
PL-12-570	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
PL-12-800	11-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
PL-12-800	**11-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (2.3 ug/L) and Sulfur Dioxide (1.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2511111338C.**
PL-12-800	**11-Nov-25**	**For Low Level SW-846 Method 8260C, Trichloromonofluoromethane (1.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511111336C.**
PL-12-800	**11-Nov-25**	**For SW-846 Method 8260C, N-Methyltaurine (4.2 ug/L) and Sulfur Dioxide (2.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511111337C.**
PL-12-800	11-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-12-800	**11-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
PL-12-800	11-Nov-25	For SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2511111336C and 2511111337C were within control limits or below the calculable range.
PL-12-800	**11-Nov-25**	**For SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511111338C) at 1.4 ug/L. Carbon Dioxide was detected in the field blank (2511111338C) at 2.3 ug/L.**
PL-12-800	**11-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
200-I-300	**12-Nov-25**	**For SW-846 Method 8260C, Trimethylsilyl fluoride (2.7 ug/L) and Carbon Dioxide (58 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511121315Y.**
200-I-300	12-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
200-I-300	**12-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (33 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2511121015Y.**
200-I-300	**12-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
200-I-300	12-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

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200-I-300	12-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
200-I-300	12-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-I-300	**12-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2511121015Y) at 33.0 ug/L.**
200-I-375	**12-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (49 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511120923Y.**
200-I-375	12-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
200-I-375	**12-Nov-25**	**For SW-846 Method 8260C, Nitrous Oxide (9.4 ug/L) and Sulfur Dioxide (1.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511111310Y.**
200-I-375	**12-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**
200-I-375	12-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
200-I-375	12-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-I-375	12-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
200-I-375	**12-Nov-25**	**For SW-846 Method 8260D, analysis was performed on a sample with headspace. Headspace-free sample was not available.**
200-I-375	**12-Nov-25**	**For SW-846 Method 8260D, Nitrous Oxide was detected in the equipment blank (2511111310Y) at 9.4 ug/L. Sulfur Dioxide was detected in the equipment blank (2511111310Y) at 1.5 ug/L.**
BLM-22-570	**12-Nov-25**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide (1.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511120922C.**
BLM-22-570	**12-Nov-25**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2511120922C) at 1.5 ug/L.**
BW-5-295	**12-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (51 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511121341C.**
BW-5-295	12-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
BW-5-295	**12-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.
BW-5-295	12-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BW-5-295	12-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BW-5-295	12-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BW-5-295	12-Nov-25	For SW-846 Method 8260D, there were no detections in the field blank.
ST-1-541	13-Nov-25	For SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analytes. The analytes were within acceptable limits in the CCV and LCS and the exceedance is flagged in the LCS Summary.
ST-1-541	**13-Nov-25**	**For SW-846 Method 8260C, Carbon Dioxide (51 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2511130945A, Carbamic acid, monoammonium salt (27 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2511110946A, and Silane, methoxytrimethyl- (1.8 ug/L) is an estimated value and tentatively identified by a GC/MS library search in blind control 2511130750A.**
ST-1-541	13-Nov-25	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
ST-1-541	13-Nov-25	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
ST-1-541	13-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
ST-1-541	**13-Nov-25**	**For SW-846 Method 8260D, Carbamic acid, monoammonium salt was detected in the field blank (2511130946A) at 27.0 ug/L.**
ST-1-541	**13-Nov-25**	**For SW-846 Method 8260C in blind control sample (2511130750A), the percent recovery for 1,1,2-Trichloro-1,2,2-trifluoroethane (65.0%) was outside of the standard limits (75.0-125.0%), the percent recovery for Trichlorofluoromethane (44.0%) was outside of the standard limits (75.0-125.0%).**
ST-1-541	**13-Nov-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (250 ug/L) in sample 2511130945A required a 2.5-fold dilution.**
ST-1-541	**13-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (23 ug/L), Sulfur Dioxide (1.7 ug/L, 2.7 ug/L, and 1.4 ug/L), and N-Methyltaurine (5.4 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2516821-04, RQ2516904-04, RQ2516983-07, and RQ2517205-03). Groundwater data are affected by this method blank contamination are flagged.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide (61 ug/L and 34 ug/L) and Sulfur Dioxide (1.6 ug/L and 1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2511031351A and field blank 2511031352A.**
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, PCE (0.59 ug/L), CFC 123a (0.34 ug/L), and CFC 21 (0.34 ug/L) in sample 2511031351A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, tentatively identified compound Carbon Dioxide (28 ug/L) was detected in the method blank (RQ2516279-04).**
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-26-404	**03-Nov-25**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2511031352A) at 34.0 ug/L. Sulfur Dioxide was detected in the field blank (2511031352A) at 1.3 ug/L.**
BLM-26-404	03-Nov-25	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Well ID	Event Date	Modified EPA Method 607 QA Narratives
BLM-26-404	**03-Nov-25**	**For Modified EPA Method 607, Bromacil (0.005 ug/L) in sample 2511031353A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-26-404	03-Nov-25	For Modified EPA Method 607, there were no detections in the field blank.
BLM-36-610	**03-Nov-25**	**For Modified EPA Method 607, Bromacil (0.005 ug/L) in sample 2511031021Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-36-860	**03-Nov-25**	**For Modified EPA Method 607, N-Nitroso-di-n-propylamine-d14 (surrogate) was spiked into sample before extraction at 0.50 µg/mL in extract. The surrogate recoveries for sample 2511031403Y (BLM-36-860) were outside limits with surrogate recovery of 1.3%. The low surrogate recovery was likely caused by the emulsion during the extraction rather than laboratory error.**
BLM-36-350	04-Nov-25	For Modified EPA Method 607, there were no detections in the equipment blank.
BLM-24-565	05-Nov-25	For Modified EPA Method 607, matrix spike recoveries for sample 2511051324A were within laboratory control limits.
BLM-24-565	05-Nov-25	For Modified EPA Method 607, matrix spike recoveries for sample 2511051324A were within laboratory control limits.
B650-INF-1	**07-Nov-25**	**For SW-846 Method 8260D, PCE (0.8 ug/L and 0.81) in samples 2511070805 and 2511070806 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	Modified EPA Method 607 QA Narratives
B650-INF-1	**07-Nov-25**	**For Modified EPA Method 607, Bromacil (0.009 ug/L) in sample 2511070808 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
NASA 6	**10-Nov-25**	**For Modified EPA Method 607, Diluted result for Bromacil in samples 2511101037A and 2511101038A are rejected due to sample dilution 15-fold for NDMA and DMN reanalysis. Original bromacil sample is retained.**
NASA 6	**10-Nov-25**	**For Modified EPA Method 607, origianl results for NDMA and DMN in samples 2511101037A and 2511101038A exceeded the callibration curve and are rejected due to sample dilution 15-fold for reanalysis. Diluted NDMA and DMN samples are retained.**
NASA 6	10-Nov-25	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2511101037A and 2511101038A were within control limits or below the calculable range.
MPE-3	11-Nov-25	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2511110853 and 2511110854 were within control limits or below the calculable range.
200-I-375	12-Nov-25	For Modified EPA Method 607, there were no detections in the equipment blank.
BW-5-295	12-Nov-25	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2511121343C and 2511121344C were within control limits or below the calculable range.
ST-1-541	**13-Nov-25**	**For Modified EPA Method 607 in blind control sample (2511130751A), the percent recovery for Bromacil (38.0%) was outside of the standard limits (50.0-190.0%).**
ST-1-630	13-Nov-25	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2511131003C and 2511131004C were within control limits or below the calculable range.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
BLM-32-543	03-Nov-25	For Low Level Nitrosamine Method, there were no detections in the trip blank.
BLM-32-543	03-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-32-571	03-Nov-25	For Low Level Nitrosamine Method, matrix spike recoveries for sample 2511031239B were within laboratory control limits.
BLM-32-571	03-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-32-632	03-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-4-419	**04-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2511041233B) at 3.03 ng/L. N-Nitrodimethylamine was detected in the field blank (2511041233B) at 0.39 ng/L.**
WW-4-589	04-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-24-565	**05-Nov-25**	**For Low Level Nitrosamine Method, NDMA (0.44 ng/L) in field blank sample 2511051326A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-24-565	**05-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.48 ng/L) was detected in method blank PB25L11JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
BLM-24-565	**05-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2511051326A) at 0.44 ng/L.**
BLM-38-480	**05-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.48 ng/L) was detected in method blank PB25L11JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
BLM-38-480	**05-Nov-25**	**For Low Level Nitrosamine Method, NDMA (0.36 ng/L) in field blank sample 2511051326A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-38-480	05-Nov-25	For Low Level Nitrosamine Method, there were no detections in the equipment blank.
BLM-38-620	**05-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.48 ng/L) was detected in method blank PB25L11JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
BLM-38-620	**05-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2511050901Y) at 1.2 ng/L.**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
WW-4-848	**05-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.48 ng/L) was detected in method blank PB25L11JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
WW-4-848	**05-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2511051233B) at 3.22 ng/L.**
WW-4-848	**05-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2511051233B) at 3.22 ng/L.**
WW-4-848	05-Nov-25	For Low Level Nitrosamine Method, there were no detections in the trip blank.
WW-4-948	**05-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.48 ng/L) was detected in method blank PB25L11JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
WW-4-948	**05-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2511051253B) at 0.87 ng/L.**
BLM-2-630	**06-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.37 Ng/L) in sample 2511061004A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-2-630	**06-Nov-25**	**For Low Level Nitrosamine Method in blind control sample (2511061500A), N-nitrodimethylamine (0.59 ng/L) but none was added.**
BLM-2-630	06-Nov-25	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2511061003A and 2511061005A were within control limits or below the calculable range.
BLM-2-630	**06-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2511061004A) at 0.37 ng/L.**
BLM-2-630	**06-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.53 ng/L) was detected in method blank PB25L13CM1 above the MDL and below the PQL. Affected data are appropriately qualified.**
BLM-8-418	06-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-8-418	**06-Nov-25**	**For Low Level Nitrosamine Method, Sample 2511061412A (BLM-8-418) has a recovery for NDMA-d6 slightly below the 10% limit. As NDMA was detected above the PQL in the sample, impact on the data is minimal.**
BLM-8-418	**06-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.53 ng/L) was detected in method blank PB25L13CM1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-5-485	**06-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2511061301Y) at 0.62 ng/L.**
ST-5-485	**06-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.53 ng/L) was detected in method blank PB25L13CM1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-5-655	06-Nov-25	For Low Level Nitrosamine Method, there were no detections in the trip blank.
ST-5-655	**06-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.84 ng/L) in sample 2511060856Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-5-655	**06-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2511060856Y) at 0.84 ng/L.**
ST-5-655	**06-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.53 ng/L) was detected in method blank PB25L13CM1 above the MDL and below the PQL. Affected data are appropriately qualified.**
B650-EFF-1	07-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
B655-EFF-2	**07-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2511070546) at 0.4 ng/L.**
B655-EFF-2	**07-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.4 ng/L and 0.4 ng/L) in sample 2511070545 and field blank 2511070546 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**07-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.53 ng/L) was detected in method blank PB25L13CM1 above the MDL and below the PQL. Affected data are appropriately qualified.**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
PL-7-560	**07-Nov-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2511070846Y) at 0.56 ng/L.**
PL-7-560	**07-Nov-25**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.53 ng/L) was detected in method blank PB25L13CM1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-12-570	11-Nov-25	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PL-12-570	11-Nov-25	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2511110913C and 2511110914C were within control limits or below the calculable range.
PL-12-570	11-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-12-800	11-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-22-570	12-Nov-25	For Low Level Nitrosamine Method, there were no detections in the field blank.

Well ID	Event Date	SW-846 Method 8270D QA Narratives
100-D-176	07-Nov-25	For SW-846 Method 8270E, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
100-D-176	**07-Nov-25**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2516389-01. Affected data are appropriately qualified.**
100-D-176	**07-Nov-25**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2511071005A.**
100-D-176	07-Nov-25	For SW-846 Method 8270E, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte(s). The Duplicate Laboratory Control Sample (LCSD) passed limits. There were no detections of the analyte(s) in the associated field samples. The analytes affected are flagged in the LCS Summary.

Well ID	Event Date	Total Metals QA Narratives
BLM-2-630	**06-Nov-25**	**For Total Metals, multiple analyte results in sample 2511061006A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
100-D-176	**07-Nov-25**	**For Total Metals, multiple analyte results in sample 2511071006A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-I-675	**10-Nov-25**	**For Total Metals, Strontium (24.7 ug/L) in sample 2511101435Y required a 10-fold dilution due to the presence of matrix that interfered with internal standard recovery. The reporting limits are adjusted to reflect the dilution and affected data flagged accordingly.**
200-I-675	**10-Nov-25**	**For Total Metals, multiple analyte results in sample 2511101435Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-C-143	10-Nov-25	For Total Metals, there were no detections in the field blank.
BLM-3-182	**10-Nov-25**	**For Total Metals, Strontium (17.1 ug/L) in sample 2511101410C required a 10-fold dilution due to the presence of matrix that interfered with internal standard recovery. The reporting limits are adjusted to reflect the dilution and affected data flagged accordingly.**
NASA 6	10-Nov-25	For Total Metals and Inorganics, samples 2511101039A, 2511101040A, 2511101041A, 2511101042A, and 2511101044A are incorrectly reported as "2511101439", "2511101440", "2511101441", "2511101442", and "2511101444"" in the analytical report and the associated EDD file due to a laboratory error. The sample ID was corrected in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.

Well ID	Event Date	Total Metals QA Narratives
NASA 6	**10-Nov-25**	**For Total Metals, field duplicate samples 2511101039A and 2511101040A the relative percent difference for Chromium, Total was 27.0%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
200-I-490	**11-Nov-25**	**For Total Metals, Calcium, Total was detected in the equipment blank (2511110948Y) at 0.3 mg/L. Magnesium, Total was detected in the equipment blank (2511110948Y) at 0.09 mg/L. Strontium, Total was detected in the equipment blank (2511110948Y) at 0.04 mg/L. Zinc, Total was detected in the equipment blank (2511110948Y) at 0.004 mg/L.**
200-I-300	**12-Nov-25**	**For Total Metals, Calcium, Total was detected in the equipment blank (2511121016Y) at 0.6 mg/L. Magnesium, Total was detected in the equipment blank (2511121016Y) at 0.2 mg/L. Strontium, Total was detected in the equipment blank (2511121016Y) at 0.07 mg/L. Zinc, Total was detected in the equipment blank (2511121016Y) at 0.008 mg/L.**
ST-1-541	**13-Nov-25**	**For Total Metals in blind control sample (2511130752A), the percent recovery for Aluminum (133.3%) was outside of the standard limits (75.0-125.0%), the percent recovery for Iron (0.0%) was outside of the standard limits (75.0-125.0%).**

Well ID	Event Date	Miscellaneous QA Narratives
100-D-176	07-Nov-25	For SW-846 Method 8015C, The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
NASA 6	10-Nov-25	For SW-846 Method 6850, sample 2511101043A is incorrectly reported as "2511101443" in the analytical report and the associated EDD file due to a laboratory error. The sample ID was corrected in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.

Well ID	Event Date	Groundwater Paramerter QA Narratives
BLM-24-565	05-Nov-25	PPE used includes: steel toed shoes, nitrile gloves, and safety sunglasses.
ST-5-485	06-Nov-25	PPE used/required: hard hat, steel-toed shoes, and safety sunglasses.
ST-5-655	06-Nov-25	PPE used/required: hard hat, steel-toed shoes, and safety sunglasses.
PL-7-560	07-Nov-25	PPE used/required: hard hats, steel-toed shoes, and safety sunglasses.
200-I-675	10-Nov-25	Deep zone, slow drain.
400-C-143	10-Nov-25	No DTW - transducer in well. Well cap needed at this well
400-C-143	10-Nov-25	PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.
BLM-3-182	10-Nov-25	PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.
PL-12-570	11-Nov-25	PPE used/required: steel-toed shoes, nitrile gloves, and safety sunglasses.
PL-12-800	11-Nov-25	PPE used/required: steel toed-shoes, nitrile gloves, and safety sunglasses.
200-I-300	12-Nov-25	PPE using hard hat, gloves and safety glasses.
BLM-22-570	12-Nov-25	PPE used/required: steel toed shoes, nitrile gloves, and safety sunglasses.
BW-5-295	12-Nov-25	PPE used/required: steel toed shoes, nitrile gloves, and safety sunglasses.
ST-1-541	13-Nov-25	PPE used: steel toed boots, nitrile gloves, and safety glasses.
ST-1-630	13-Nov-25	PPE used steel toed shoes, nitrile goves, and safety sunglasses.

Table 8 – WSTF Blank Sample Detections

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
BLM-26-404	03-Nov-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB FB
BLM-26-404	03-Nov-25	Carboy G1	8260	VOA-FB	7446-09-5	Sulfur Dioxide	1.3	ug/L	J TIC FB
BLM-32-543	03-Nov-25	Carboy G3	8260	VOA-TB	124-38-9	Carbon Dioxide	36	ug/L	J TIC RB TB FB
BLM-32-543	03-Nov-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	32	ug/L	J TIC RB TB FB
BLM-32-543	03-Nov-25	Carboy G3	8260	VOA-FB	7446-09-5	Sulfur Dioxide	1.3	ug/L	J TIC FB
BLM-32-571	03-Nov-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	33	ug/L	J TIC RB FB
BLM-32-571	03-Nov-25	Carboy G3	8260	VOA-FB	7446-09-5	Sulfur Dioxide	1.4	ug/L	J TIC FB
BLM-32-632	03-Nov-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	37	ug/L	J TIC RB FB
BLM-32-632	03-Nov-25	Carboy G3	8260	VOA-FB	7446-09-5	Sulfur Dioxide	1.7	ug/L	J TIC FB
BLM-36-610	03-Nov-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	30	ug/L	J TIC RB
BLM-36-860	03-Nov-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	40	ug/L	J TIC RB EB
BLM-36-350	04-Nov-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	40	ug/L	J TIC RB EB
BLM-36-800	04-Nov-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	35	ug/L	J TIC RB EB
BLM-36-800	04-Nov-25	Carboy G2	8260	VOA-EB	7446-09-5	Sulfur Dioxide	1.3	ug/L	J TIC EB
WW-4-419	04-Nov-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	3.8	ug/L	J TIC FB
WW-4-419	04-Nov-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	3.03	ng/L	FB
WW-4-419	04-Nov-25	Carboy G3	NDMA_LL	NDMA_LL-FB	4164-28-7	N-Nitrodimethylamine	0.39	ng/L	J FB
WW-4-589	04-Nov-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	3	ug/L	J TIC FB
BLM-24-565	05-Nov-25	Carboy G1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	30	ug/L	J TIC FB
BLM-24-565	05-Nov-25	Carboy G1	8260_LL	VOA-FB	104-76-7	1-Hexanol, 2-ethyl-	0.81	ug/L	J TIC FB
BLM-24-565	05-Nov-25	Carboy G1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.44	ng/L	J RB FB
BLM-38-620	05-Nov-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	30	ug/L	J TIC EB
BLM-38-620	05-Nov-25	Carboy G2	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	1.2	ng/L	RB EB
WW-4-848	05-Nov-25	Carboy G3	8260_LL	VOA-TB	1111-78-0	Carbamic acid, monoammonium salt	32	ug/L	J TIC RB TB
WW-4-848	05-Nov-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	29	ug/L	J TIC FB
WW-4-848	05-Nov-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	3.22	ng/L	RB FB FB
WW-4-948	05-Nov-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC FB
WW-4-948	05-Nov-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.1	ug/L	J TIC FB
WW-4-948	05-Nov-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.87	ng/L	RB FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
BLM-2-630	06-Nov-25	Carboy G3	8260	VOA-FB	1073-06-9	Benzene, 1-bromo-3-fluoro-	24	ug/L	J TIC RB FB
BLM-2-630	06-Nov-25	Carboy G3	8260	VOA-FB	7446-09-5	Sulfur Dioxide	0.58	ug/L	J TIC FB
BLM-2-630	06-Nov-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.37	ng/L	J RB FB
BLM-8-418	06-Nov-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	33	ug/L	J TIC RB FB
ST-5-485	06-Nov-25	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.62	ng/L	RB EB
ST-5-655	06-Nov-25	Carboy G1	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	32	ug/L	J TIC RB TB EB
ST-5-655	06-Nov-25	Carboy G1	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	27	ug/L	J TIC RB TB EB
ST-5-655	06-Nov-25	Carboy G1	8260_LL	VOA-TB	7446-09-5	Sulfur Dioxide	2.1	ug/L	J TIC TB EB
ST-5-655	06-Nov-25	Carboy G1	8260_LL	VOA-EB	7446-09-5	Sulfur Dioxide	1.5	ug/L	J TIC TB EB
ST-5-655	06-Nov-25	Carboy G1	8260_LL	VOA-TB	1825-61-2	Silane, methoxytrimethyl-	1.1	ug/L	J TIC TB
ST-5-655	06-Nov-25	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.84	ng/L	J RB EB
B650-EFF-1	07-Nov-25	Carboy PF1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	33	ug/L	J TIC RB FB
B650-INF-1	07-Nov-25	Carboy PF1	8260	VOA-FB	1073-06-9	Benzene, 1-bromo-3-fluoro-	25	ug/L	J TIC RB FB
B650-INF-1	07-Nov-25	Carboy PF1	8260	VOA-FB	7446-09-5	Sulfur Dioxide	0.42	ug/L	J TIC FB
B650-INF-1	07-Nov-25	Carboy PF1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	0.4	ug/L	J TIC FB
B655-EFF-2	07-Nov-25	Carboy PF1	8260_LL	VOA-FB	1111-78-0	Carbamic acid, monoammonium salt	34	ug/L	J TIC FB
B655-EFF-2	07-Nov-25	Carboy PF1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.4	ng/L	J RB FB
B655-INF-2	07-Nov-25	Carboy PF1	8260	VOA-FB	616-34-2	Glycine, methyl ester	1.1	ug/L	J TIC FB
PL-7-560	07-Nov-25	Carboy G1	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	31	ug/L	J TIC RB EB
PL-7-560	07-Nov-25	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.56	ng/L	RB EB
200-I-795	10-Nov-25	Carboy G3	8260	VOA-EB	7783-06-4	Hydrogen Sulfide	2.2	ug/L	J TIC EB
400-C-143	10-Nov-25	Carboy G2	8260	VOA-FB	7446-09-5	Sulfur Dioxide	1.4	ug/L	J TIC RB FB
200-I-490	11-Nov-25	Carboy G1	8260	VOA-EB	7446-09-5	Sulfur Dioxide	1.8	ug/L	J TIC RB EB
200-I-490	11-Nov-25	Carboy G1	METALS	METALS-EB	7440-70-2	Calcium, Total	0.3	mg/L	J EB
200-I-490	11-Nov-25	Carboy G1	METALS	METALS-EB	7439-95-4	Magnesium, Total	0.09	mg/L	J EB
200-I-490	11-Nov-25	Carboy G1	METALS	METALS-EB	7440-24-6	Strontium, Total	0.04	mg/L	J EB
200-I-490	11-Nov-25	Carboy G1	METALS	METALS-EB	7440-66-6	Zinc, Total	0.004	mg/L	J EB
MPE-1	11-Nov-25	Carboy PF1	8260	VOA-FB	7446-09-5	Sulfur Dioxide	2.2	ug/L	J TIC RB FB
MPE-10	11-Nov-25	Carboy PF1	8260	VOA-FB	124-38-9	Carbon Dioxide	23	ug/L	J TIC RB FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
MPE-11	11-Nov-25	Carboy PF1	8260	VOA-FB	7446-09-5	Sulfur Dioxide	2.5	ug/L	J TIC RB FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	440	ug/L	G A FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	75-69-4	Trichlorofluoromethane (CFC 11)	150	ug/L	A FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	79-01-6	Trichloroethene (TCE)	96	ug/L	FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	127-18-4	Tetrachloroethene (PCE)	4.7	ug/L	FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	420-56-4	Trimethylsilyl fluoride	2.3	ug/L	J TIC FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	75-43-4	Dichlorofluoromethane (CFC 21)	1.8	ug/L	FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.6	ug/L	FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	75-35-4	1,1-Dichloroethene	1.3	ug/L	FB
MPE-3	11-Nov-25	Carboy PF1	8260	VOA-FB	75-71-8	Dichlorodifluoromethane (CFC 12)	0.22	ug/L	J FB
MPE-9	11-Nov-25	Carboy PF1	8260	VOA-FB	124-38-9	Carbon Dioxide	28	ug/L	J TIC RB FB
PL-12-570	11-Nov-25	Carboy G2	8260	VOA-FB	7446-09-5	Sulfur Dioxide	2.9	ug/L	J TIC RB FB
PL-12-570	11-Nov-25	Carboy G2	8260	VOA-TB	57-56-7	Hydrazinecarboxamide	2.9	ug/L	J TIC TB
PL-12-570	11-Nov-25	Carboy G2	8260	VOA-FB	1691-13-0	Ethene, 1,2-difluoro-	1.2	ug/L	J TIC FB
PL-12-800	11-Nov-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	2.3	ug/L	J TIC RB FB
PL-12-800	11-Nov-25	Carboy G2	8260	VOA-FB	7446-09-5	Sulfur Dioxide	1.4	ug/L	J TIC RB FB
200-I-300	12-Nov-25	Carboy G	8260	VOA-EB	124-38-9	Carbon Dioxide	33	ug/L	J TIC RB EB
200-I-300	12-Nov-25	Carboy G	METALS	METALS-EB	7440-70-2	Calcium, Total	0.6	mg/L	J EB
200-I-300	12-Nov-25	Carboy G	METALS	METALS-EB	7439-95-4	Magnesium, Total	0.2	mg/L	J EB
200-I-300	12-Nov-25	Carboy G	METALS	METALS-EB	7440-24-6	Strontium, Total	0.07	mg/L	J EB
200-I-300	12-Nov-25	Carboy G	METALS	METALS-EB	7440-66-6	Zinc, Total	0.008	mg/L	J EB
200-I-375	12-Nov-25	Carboy G1	8260	VOA-EB	10024-97-2	Nitrous Oxide	9.4	ug/L	J TIC EB
200-I-375	12-Nov-25	Carboy G1	8260	VOA-EB	7446-09-5	Sulfur Dioxide	1.5	ug/L	J TIC RB EB
BLM-22-570	12-Nov-25	Carboy G2	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.5	ug/L	J TIC RB FB
ST-1-541	13-Nov-25	Carboy G1	8260	VOA-FB	1111-78-0	Carbamic acid, monoammonium salt	27	ug/L	J TIC FB
ST-1-630	13-Nov-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	30	ug/L	J TIC RB FB

National Aeronautics and Space Administration

Quality Assurance Report for White Sands Test Facility Groundwater Monitoring Data

December 2025

NM8800019434

Report Submitted: April 2026

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1.0 Introduction

The WSTF Groundwater Monitoring Plan (GMP) requires the preparation of a periodic report to assess the quality of groundwater analytical data reported. The monthly Quality Assurance Report (QAR) prepared and reviewed by responsible environmental contractor data management personnel provides the following information:

- A summary of notable anomalies and a follow-up on previous anomalies, if necessary.
- A summary of notable data quality issues by analytical method, if any.
- A list of the sample events for which groundwater samples were collected in December 2025.
- The quantity and type of quality control samples collected or prepared in December 2025.
- Quality control sample percentages in annual period immediately preceding and during December 2025.
- Definitions of data qualifiers used in WSTF analytical data reporting.
- The quantity and type of data qualifiers applied to individual analytical results.
- A list of quality assurance narratives for the month arranged by analytical method.
- A summary table of detections in equipment blank, field blank, and trip blank samples.

2.0 Data Quality

2.1 Notable Anomalies Identified in Previous Quality Assurance Reports

There were no notable anomalies requiring follow-up associated with previous QARs.

2.2 Notable Anomalies

Perchlorate sample 2602160755Y for 200-G-175 was never analyzed due to a laboratory systems error. 200-G-175 was resampled on February 16, 2026 for perchlorate. The resample will be processed in the second quarter 2026 dataset and noted in the Section 2.1 of the February 2026 QAR.

There were no other notable anomalies in the groundwater data associated with the December 2025 QAR.

3.0 Data Tables

Table 1 summarizes the groundwater sample events initiated in December 2025. This report is based on data quality issues related to the sample events listed in Table 1. Tables 2 through 8 contain information related to the sample events identified in Table 1. As specified by the GMP, specific quality control samples are utilized to assess the quality of analytical data. Table 2 presents the quantity of quality control samples collected for each analytical method. Table 3 compares the quality control sample percentages collected to the requirements in the GMP. When data quality criteria are not met, data qualifiers are applied to the data. Definitions of data qualifiers used for WSTF chemical analytical data are listed in Table 4. Table 5 and Table 6 present the total number of individual result records and summarize the quantity of field and laboratory data qualifiers assigned to individual analyte result records in the WSTF analytical database. Table 7 provides all quality assurance narratives associated with the sample events in Table 1. Narratives associated with qualified data are identified by **bold text** in Table 7. Table 8 provides a summary of all detections in WSTF blank samples.

Table 1 – Sample Events for December 2025

Well ID	Event Date
PL-11-470	01-Dec-25
PL-11-530	01-Dec-25

Well ID	Event Date
WW-3-469	01-Dec-25
WW-3-569	01-Dec-25

Well ID	Event Date
PL-11-710	02-Dec-25
PL-11-820	02-Dec-25

Well ID	Event Date
PL-11-980	02-Dec-25
PL-8-605	02-Dec-25
PL-8-455	03-Dec-25
ST-6-528	03-Dec-25
ST-6-568	03-Dec-25
200-G-420	04-Dec-25
200-G-495	04-Dec-25
ST-4-589	04-Dec-25
ST-4-690	04-Dec-25
ST-6-678	04-Dec-25
ST-6-824	04-Dec-25
ST-6-970	04-Dec-25

Well ID	Event Date
200-G-220	05-Dec-25
200-G-340	05-Dec-25
700-B-510	05-Dec-25
B655-EFF-2	05-Dec-25
B655-INF-2	05-Dec-25
ST-4-481	05-Dec-25
200-G-175	08-Dec-25
PL-4-464	08-Dec-25
ST-1-473	08-Dec-25
BLM-42-569	09-Dec-25
BLM-42-709	09-Dec-25
ST-3-486	09-Dec-25

Well ID	Event Date
ST-3-586	09-Dec-25
ST-3-666	09-Dec-25
ST-3-735	09-Dec-25
BLM-27-270	10-Dec-25
BLM-7-509	10-Dec-25
BW-7-211	10-Dec-25
PL-2-504	10-Dec-25
WW-2-489	10-Dec-25
WW-2-664	10-Dec-25
WW-1-452	11-Dec-25
B650-EFF-1	16-Dec-25
B650-INF-1	16-Dec-25

Table 2 – Quantity of Quality Control Samples

Method	Samples	Field Blanks	Equip Blanks	Trip Blanks	Blind Controls	Duplicates	Matrix Spikes
Nitrate plus Nitrite as N by EPA Method 353.2	**2**	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**18**	0	0	0	**1**	**3**	0
Perchlorate by SW-846 Method 6850	**3**	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**18**	**13**	**5**	**1**	**1**	**3**	0
Low Level Volatile Organics by SW-846 Method 8260C	**24**	20	**4**	**5**	0	**2**	**1**
Semi-Volatile Organics by SW-846 Method 8270D	**8**	0	0	0	0	0	0
Anions by Various EPA Methods	**2**	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**7**	0	**1**	0	**1**	**1**	0
Nitrosamines by Low-Level Method	**27**	**23**	**4**	**6**	**1**	**3**	**1**
Total Dissolved Solids by Standard Method 2540C	**2**	0	0	0	0	0	0

Table 3 – Quality Control Sample Percentages

Quality Control Requirement	Requirement %	Samp. Qty. since Jan 2025	QC Qty. Jan 2025	QC % since Jan 2025	Sample Quantity Dec 2025	QC Quantity Dec 2025	QC % Dec 2025
VOA Duplicates	**10**	562	65	**11.57**	42	5	**11.90**
VOA Matrix Spikes	**2**	562	11	**1.96**	42	1	**2.38**
607 Duplicates	**10**	342	32	**9.36**	18	3	**16.67**
607 Matrix Spikes	**2**	342	8	**2.34**	18	0	**0.00**
607 Equipment Blanks	**2**	342	8	**2.34**	18	0	**0.00**
607 Field Blanks	**2**	342	9	**2.63**	18	0	**0.00**
NDMA_LL Duplicates	**10**	327	37	**11.31**	27	3	**11.11**
NDMA_LL Matrix Spikes	**2**	327	12	**3.67**	27	1	**3.70**
Metals Duplicates	**10**	231	24	**10.39**	7	1	**14.29**

Quality Control Requirement	Requirement %	Samp. Qty. since Jan 2025	QC Qty. Jan 2025	QC % since Jan 2025	Sample Quantity Dec 2025	QC Quantity Dec 2025	QC % Dec 2025
Metals Matrix Spikes	**2**	231	6	**2.60**	7	0	**0.00**
Metals Equipment Blanks	**5**	231	11	**4.76**	7	1	**14.29**
Metals Field Blanks	**5**	231	15	**6.49**	7	0	**0.00**

Quality Control Requirement	Requirement %	Sample Events since Jan 2025	QC Qty. since Jan 2025	QC % since Jan 2025	Sample Events Dec 2025	QC Quantity Dec 2025	QC % Dec 2025
VOA Equipment Blanks and Field Blanks	*Should approach 100%*	550	550	**100%**	42	42	**100%**
Low Level Nitrosamine Equipment Blanks and Field Blanks	*Should approach 100%*	323	323	**100%**	27	27	**100%**

Quality Control Requirement	Requirement %	Shipments since Jan 2025	TB Qty. since Jan 2025	TB % since Jan 2025	Shipments in Dec 2025	TB Quantity Dec 2025	QC % Dec 2025
VOA Trip Blank (per shipment)	*Should approach 100%*	84	84	**100%**	6	6	**100%**
Low Level Nitrosamine Trip Blank (per shipment)	*Should approach 100%*	77	77	**100%**	6	6	**100%**

Table 4 – Definitions of Data Qualifiers

Qualifier	Definition
*	User defined qualifier. See quality assurance narrative.
A	The result of an analyte for a laboratory control sample (LCS), initial calibration verification (ICV) or continuing calibration verification (CCV) was outside standard limits.
AD	Relative percent difference for analyst (laboratory) duplicates was outside standard limits.
D	The reported result is from a dilution.
EB	The analyte was detected in the equipment blank.
FB	The analyte was detected in the field blank.
G	The result is an estimated value greater than the upper calibration limit.
i	The result, quantitation limit, and/or detection limit may have been affected by matrix interference.
J	The result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
K	The peak ratio did not meet ± 25% criteria. Concentration should be considered an estimated maximum possible concentration.
NA	The value/result was either not analyzed for or not applicable.
ND	The analyte was not detected above the detection limit.
Q	The result for a blind control sample was outside standard limits.
QD	The relative percent difference for a field duplicate was outside standard limits.
R	The result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
RB	The analyte was detected in the method blank.
S	The result was determined by the method of standard addition.
SP	The matrix spike recovery and/or the relative percent difference for matrix spike duplicates was outside standard limits.
T	The sample was analyzed outside the specified holding time or temperature.

Qualifier	Definition
TB	The analyte was detected in the trip blank.
TIC	The analyte was tentatively identified by a GC/MS library search and the amount reported is an estimated value.

Table 5 – Quantity of Field Based Data Qualifiers Assigned to Individual Result Records

Method	Total Result Records	FB	EB	TB	Q	QD	SP	R
Nitrate plus Nitrite as N by EPA Method 353.2	**2**	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**69**	0	0	0	**1**	0	0	**3**
Perchlorate by SW-846 Method 6850	**1**	0	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**1366**	0	0	0	**2**	0	0	0
Low Level Volatile Organics by SW-846 Method 8260C	**1700**	0	0	0	0	0	0	0
Semi-Volatile Organics by SW-846 Method 8270D	**0**	0	0	0	0	0	0	0
Anions by Various EPA Methods	**8**	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**216**	0	**1**	0	0	0	0	0
Nitrosamines by Low-Level Method	**60**	0	**2**	**1**	0	0	0	0
Total Dissolved Solids by Standard Method 2540C	**2**	0	0	0	0	0	0	0

Table 6 – Quantity of Laboratory based Data Qualifiers Assigned to Individual Result Records

Method	Total Result Records	*	A	AD	G	RB	T	D	i	J	K
Nitrate plus Nitrite as N by EPA Method 353.2	**2**	0	0	0	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**69**	**6**	0	0	**1**	0	0	**3**	0	**3**	0
Perchlorate by SW-846 Method 6850	**1**	0	0	0	0	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**1366**	0	0	0	0	0	0	**11**	0	**15**	0
Low Level Volatile Organics by SW-846 Method 8260C	**1**700	0	0	0	0	0	0	0	0	**12**	0
Semi-Volatile Organics by SW-846 Method 8270D	0	0	0	0	0	0	0	0	0	0	0
Anions by Various EPA Methods	**8**	0	0	0	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**216**	0	0	0	0	0	0	0	0	**47**	0
Nitrosamines by Low-Level Method	**6**0	0	0	0	0	**9**	0	**4**	0	**5**	**4**
Total Dissolved Solids by Standard Method 2540C	**2**	0	0	0	0	0	0	0	0	0	0

Table 7 – Quality Assurance Narratives

Well ID	Event Date	SW-846 Method 8260 QA Narratives
PL-11-470	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
PL-11-470	12/1/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		(MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-11-470	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-11-470	**12/1/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2512011222B) at 0.86 ug/L. Acetic Acid was detected in the field blank (2512011222B) at 0.37 ug/L.**
PL-11-530	**12/1/2025**	**For Low Level SW-846 Method 8260D, Acetic Acid was detected in the field blank (2512011246B) at 0.2 ug/L.**
PL-11-530	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-11-530	12/1/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-11-530	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
WW-3-469	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
WW-3-469	12/1/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-3-469	**12/1/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the equipment blank (2512011340Y) at 1.5 ug/L. Acetic Acid was detected in the equipment blank (2512011340Y) at 0.38 ug/L.**
WW-3-469	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
WW-3-569	12/1/2025	For Low Level SW-846 Method 8260D, there were no detections in the equipment blank.
WW-3-569	**12/1/2025**	**For Low Level SW-846 Method 8260D, Acetic Acid was detected in the trip blank (2512010700Y) at 0.38 ug/L.**
WW-3-569	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
WW-3-569	12/1/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-3-569	12/1/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
PL-11-710	12/2/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-11-710	12/2/2025	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
PL-11-710	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-11-710	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
PL-11-820	12/2/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-11-820	12/2/2025	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
PL-11-820	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-11-820	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
PL-11-980	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
PL-11-980	12/2/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
PL-11-980	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-11-980	12/2/2025	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
PL-8-605	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples could not be performed because insufficient sample remained for testing. The analytes affected are flagged in the LCS Summary.
PL-8-605	12/2/2025	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-8-605	12/2/2025	For Low Level SW-846 Method 8260D, there were no detections in the equipment blank.
PL-8-605	12/2/2025	For Low Level SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
PL-8-455	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2512031000Y) at 24.0 ug/L.**
PL-8-455	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the trip blank (2512030930Y) at 21.0 ug/L. Acetic acid, methoxy- was detected in the trip blank (2512030930Y) at 0.9 ug/L.**
PL-8-455	**12/3/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (24 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2512031000Y.**
PL-8-455	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (21 ug/L) and Acetic acid, methoxy- (0.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank 2512030930Y.**
PL-8-455	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) and Acetic Acid (0.52 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512031330Y.**
PL-8-455	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (19 ug/L) and Acetic acid (0.9 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2517975-03) for analytical batch 903611. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-528	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (19 ug/L) and Acetic acid (0.9 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2517975-03) for analytical batch 903611. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-528	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (41 ug/L), Acetic Acid (0.6 ug/L), and 1,4-Dioxane, 2,5-dimethyl- (0.52 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512031236B.**
ST-6-528	**12/3/2025**	**For Low Level SW-846 Method 8260C, Acetic Acid (0.66 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2512031237B.**
ST-6-528	**12/3/2025**	**For Low Level SW-846 Method 8260D, Toluene (0.27 ug/L) in sample 2512031236B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-528	**12/3/2025**	**For Low Level SW-846 Method 8260D, Acetic Acid was detected in the field blank (2512031237B) at 0.66 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
ST-6-568	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512031302B) at 23.0 ug/L. Acetic Acid was detected in the field blank (2512031302B) at 0.82 ug/L.**
ST-6-568	**12/3/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (43 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512031301B.**
ST-6-568	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (23 ug/L) and Acetic Acid (0.82 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512031302B.**
ST-6-568	**12/3/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (19 ug/L) and Acetic acid (0.9 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2517975-03) for analytical batch 903611. Groundwater data are affected by this method blank contamination are flagged.**
200-G-420	**12/4/2025**	**For SW-846 Method 8260D, Carbon Dioxide (28 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518391-04) for QC batch 904500. Groundwater data are affected by this method blank contamination are flagged.**
200-G-420	12/4/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-420	**12/4/2025**	**For SW-846 Method 8260C, Carbon Dioxide (54 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512041400Y.**
200-G-420	**12/4/2025**	**For SW-846 Method 8260C, Carbon Dioxide (34 ug/L) and Sulfur Dioxide (3.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512041315Y.**
200-G-420	12/4/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
200-G-420	**12/4/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2512041315Y) at 34.0 ug/L. Sulfur Dioxide was detected in the equipment blank (2512041315Y) at 3.8 ug/L.**
200-G-420	12/4/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-495	12/4/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-495	12/4/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-495	12/4/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
200-G-495	12/4/2025	For SW-846 Method 8260D, there were no detections in the equipment blank.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
200-G-495	12/4/2025	For SW-846 Method 8260D, Carbon Dioxide (28 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518391-04) for QC batch 904500. Groundwater data are affected by this method blank contamination are flagged.
200-G-495	12/4/2025	For SW-846 Method 8260C, Carbon Dioxide (59 ug/L), Sulfur Dioxide (45 ug/L), and Carbonyl Sulfide (2.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512041042Y.
ST-4-589	12/4/2025	For Low Level SW-846 Method 8260D, Cyclohexane (0.53 ug/L) in sample 2512040932A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
ST-4-589	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512040933A) at 34.0 ug/L. Aminomethanesulfonic acid was detected in the field blank (2512040933A) at 1.7 ug/L. Methyltartronic acid was detected in the field blank (2512040933A) at 0.68 ug/L.
ST-4-589	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (34 ug/L), Methyltartronic acid (0.68 ug/L), and Aminomethanesulfonic Acid (1.7 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512040933A.
ST-4-589	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the trip blank (2512040710A) at 30.0 ug/L. Aminomethanesulfonic acid was detected in the trip blank (2512040710A) at 1.5 ug/L. Acetic Acid was detected in the trip blank (2512040710A) at 0.49 ug/L.
ST-4-589	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (56 ug/L), Sulfur Dioxide (1 ug/L), and Acetic Acid (0.56 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512040932A.
ST-4-589	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518145-04) for analytical batch 904019. Groundwater data are affected by this method blank contamination are flagged.
ST-4-589	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (57 ug/L), Aminomethanesulfonic acid (1.8 ug/L), and Acetic Acid (0.75 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank 2512040710A.
ST-4-690	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (30 ug/L), Aminomethanesulfonic acid (1.5 ug/L), and Acetic Acid (0.49 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512041408A.
ST-4-690	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (37 ug/L), Sulfur Dioxide (1.7 ug/L), and Acetic Acid (0.95 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512041409A.
ST-4-690	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518145-04) for analytical batch 904019. Groundwater data are affected by this method blank contamination are flagged.
ST-4-690	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512041409A) at 37.0 ug/L. Sulfur Dioxide was detected in the field blank (2512041409A) at 1.7 ug/L. Acetic Acid was detected in the field blank (2512041409A) at 0.95 ug/L.
ST-6-678	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512041247B) at 31.0 ug/L. Acetic Acid was detected in the field blank (2512041247B) at 0.76 ug/L.
ST-6-678	12/4/2025	For Low Level SW-846 Method 8260D, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2512041246B.
ST-6-678	12/4/2025	For Low Level SW-846 Method 8260D, Toluene (0.4 ug/L) in sample 2512041246B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
ST-6-678	12/4/2025	For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518145-04) for analytical batch 904019. Groundwater data are affected by this method blank contamination are flagged.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
ST-6-678	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (31 ug/L) and Acetic Acid (0.76 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512041247B.**
ST-6-824	**12/4/2025**	**For Low Level SW-846 Method 8260D, 4-Methyl-2-pentanone (0.72 ug/L), Cyclohexane (0.47 ug/L), Toluene (02.4 ug/L) in sample 2512041301B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-824	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (54 ug/L and 34 ug/L), Sulfur Dioxide (1.8 ug/L and 1.7 ug/L), and Acetic Acid (0.75 ug/L and 0.73 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512041301B and field blank 2512041302B.**
ST-6-824	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512041302B) at 34.0 ug/L. Sulfur Dioxide was detected in the field blank (2512041302B) at 1.7 ug/L. Acetic Acid was detected in the field blank (2512041302B) at 0.73 ug/L.**
ST-6-824	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518145-04) for analytical batch 904019. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-970	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (58 ug/L) and Acetic Acid (0.64 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512041326B.**
ST-6-970	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518145-04) for analytical batch 904019. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-970	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (37 ug/L), Sulfur Dioxide (1.8 ug/L), and Methyltartronic Acid (0.66 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512041327B.**
ST-6-970	**12/4/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512041327B) at 37.0 ug/L. Sulfur Dioxide was detected in the field blank (2512041327B) at 1.8 ug/L. Methyltartronic acid was detected in the field blank (2512041327B) at 0.66 ug/L.**
200-G-220	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2512051150Y) at 33.0 ug/L.**
200-G-220	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-220	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-220	12/5/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
200-G-220	**12/5/2025**	**For SW-846 Method 8260C, Carbon Dioxide (57 ug/L and 33 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512051235Y and equipment blank 2512051010Y.**
200-G-220	**12/5/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (0.85 ug/L) in sample 2512051235Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
200-G-220	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide (28 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518391-04) for QC batch 904500. Groundwater data are affected by this method blank contamination are flagged.**
200-G-340	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-340	12/5/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
200-G-340	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
200-G-340	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide (28 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518391-04) for QC batch 904500. Groundwater data are affected by this method blank contamination are flagged.**
200-G-340	**12/5/2025**	**For SW-846 Method 8260C, Carbon Dioxide (60 ug/L and 31 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512051105Y and ewuipment blank 2512051010Y.**
200-G-340	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2512051010Y) at 31.0 ug/L.**
700-B-510	**12/5/2025**	**For SW-846 Method 8260C in blind control sample (2512051030C), the percent recovery for 1,1,2-Trichloro-1,2,2-trifluoroethane (45.5%) was outside of the standard limits (75.0-125.0%), the percent recovery for Trichlorofluoromethane (25.0%) was outside of the standard limits (75.0-125.0%).**
700-B-510	**12/5/2025**	**For SW-846 Method 8260C, Carbon Dioxide (42 ug/L, 34 ug/L, and 30 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512050955C, field blank 2512050956C and blind control 2512051030C.**
700-B-510	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide (28 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518391-04) for QC batch 904500. Groundwater data are affected by this method blank contamination are flagged.**
700-B-510	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512050956C) at 34.0 ug/L.**
700-B-510	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
700-B-510	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
700-B-510	**12/5/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (1.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512050955C.**
700-B-510	12/5/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
B655-EFF-2	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518145-04) for analytical batch 904019. Groundwater data are affected by this method blank contamination are flagged.**
B655-EFF-2	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (63 ug/L) and Sulfur Dioxide (1.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512050550.**
B655-EFF-2	**12/5/2025**	**For Low Level SW-846 Method 8260D, CFC 11 (0.37 ug/L) in sample 2512050550 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512050551) at 35.0 ug/L. Sulfur Dioxide was detected in the field blank (2512050551) at 1.6 ug/L. Acetic Acid was detected in the field blank (2512050551) at 0.54 ug/L.**
B655-EFF-2	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (35 ug/L), Sulfur Dioxide (1.6 ug/L), and Acetic Acid (0.54 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512161442.**
B655-INF-2	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
B655-INF-2	**12/5/2025**	**For SW-846 Method 8260D, CFC 123a (1.4 ug/L), CFC 11 (93 ug/L), TCE (44 ug/L), PCE (2.4 ug/L), CFC 21 (1.5 ug/L), and 1,1,2-Trichloro-1,2,2-Trifluoroethane (220 ug/L) in sample 2512050603 required a 5-fold dilution.**
B655-INF-2	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide (28 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518391-04) for QC batch 904500. Groundwater data are affected by this method blank contamination are flagged.**
B655-INF-2	12/5/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
B655-INF-2	**12/5/2025**	**For SW-846 Method 8260D, PCE (2.4 ug/L), CFC 21 (1.5 ug/L), and CFC 123a (1.4 ug/L) in sample 2512050603 are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
B655-INF-2	12/5/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
B655-INF-2	**12/5/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512050604) at 32.0 ug/L.**
B655-INF-2	**12/5/2025**	**For SW-846 Method 8260C, Carbon Dioxide (60 ug/L and 32 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512050603 and field blank 2512050604.**
ST-4-481	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512050934A) at 35.0 ug/L. Sulfur Dioxide was detected in the field blank (2512050934A) at 1.5 ug/L. Acetic Acid was detected in the field blank (2512050934A) at 0.78 ug/L.**
ST-4-481	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (60 ug/L) and Sulfur Dioxide (1.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512050933A.**
ST-4-481	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (35 ug/L), Sulfur Dioxide (1.5 ug/L), and Acetic Acid (0.78 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512050934A.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
ST-4-481	**12/5/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic acid (1.8 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518145-04) for analytical batch 904019. Groundwater data are affected by this method blank contamination are flagged.**
200-G-175	**12/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
200-G-175	**12/8/2025**	**For SW-846 Method 8260C, Carbon Dioxide (56 ug/L, 57 ug/L, and 36 ug/L) is an estimated value and tentatively identified by a GC/MS library search in samples 2512081252Y and 2512081253Y and equipment blank 2512081010Y.**
200-G-175	**12/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the equipment blank (2512081010Y) at 36.0 ug/L.**
200-G-175	12/8/2025	For SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2512081252Y and 2512081253Y were within control limits or below the calculable range.
PL-4-464	**12/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
PL-4-464	**12/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512080926A) at 36.0 ug/L.**
PL-4-464	**12/8/2025**	**For SW-846 Method 8260C, Carbon Dioxide (61 ug/L and 36 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512080925A and field blank 2512080926A.**
ST-1-473	**12/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
ST-1-473	**12/8/2025**	**For SW-846 Method 8260D, 1,1-Dichloroethene (0.38 ug/L) and CFC 123a (0.35 ug/L) in sample 2512081400A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-1-473	**12/8/2025**	**For SW-846 Method 8260C, Carbon Dioxide (50 ug/L and 30 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512081400A and field blank 2512081401A.**
ST-1-473	**12/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512081401A) at 30.0 ug/L.**
BLM-42-569	12/9/2025	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-42-569	12/9/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-42-569	**12/9/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the trip blank (2512090740B) at 30.0 ug/L.**
BLM-42-569	**12/9/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (28.2 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518200-03) for analytical batch 904130. Groundwater data are affected by this method blank contamination are flagged.**
BLM-42-569	**12/9/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (55 ug/L and 30 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512090915B and trip blank 2512090740B.**
BLM-42-569	**12/9/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512090916B) at 32.0 ug/L. Aminomethanesulfonic acid was detected in the field blank (2512090916B) at 2.0 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-42-569	**12/9/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (32 ug/L) and Aminomethanesulfonic Acid (2 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512090916B.**
BLM-42-709	12/9/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-42-709	12/9/2025	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-42-709	**12/9/2025**	**For EPA method 8260_LL, matrix spike duplicate recoveries for sample 2512091421B for Acrolein (236%) was outside method control limits (13-165%). No groundwater data are affected by this QC issue.**
BLM-42-709	**12/9/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (2 ug/L) and Acetic Acid (0.71 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512091420B.**
BLM-42-709	**12/9/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (28.2 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518200-03) for analytical batch 904130. Groundwater data are affected by this method blank contamination are flagged.**
BLM-42-709	**12/9/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (34 ug/L) and Sulfur Dioxide (0.69 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512091422B.**
BLM-42-709	**12/9/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512091422B) at 34.0 ug/L. Acetic Acid was detected in the field blank (2512091422B) at 0.69 ug/L.**
ST-3-486	**12/9/2025**	**For SW-846 Method 8260C, Carbon Dioxide (55 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512091000A.**
ST-3-486	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
ST-3-486	12/9/2025	For SW-846 Method 8260D, there were no detections in the field blank.
ST-3-586	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512091417A) at 34.0 ug/L.**
ST-3-586	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
ST-3-586	**12/9/2025**	**For SW-846 Method 8260C, Carbon Dioxide (56 ug/L, 55 ug/L, and 34 ug/L) is an estimated value and tentatively identified by a GC/MS library search in samples 2512091415A and 2512091416A and field blank 2512091417A.**
ST-3-586	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
ST-3-586	**12/9/2025**	**For SW-846 Method 8260D, CFC 11 (0.74 ug/L and 0.69 ug/L) in samples 2512091415A and 2512091416A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-3-586	12/9/2025	For SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2512091415A and 2512091416A were within control limits or below the calculable range.
ST-3-666	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512091412C) at 34.0 ug/L.**
ST-3-666	**12/9/2025**	**For SW-846 Method 8260D, PCE (0.24 ug/L) in sample 2512091410C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
ST-3-666	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
ST-3-666	**12/9/2025**	**For SW-846 Method 8260C, Carbon Dioxide (51 ug/L and 34 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512091410C and field blank 2512091412C.**
ST-3-735	**12/9/2025**	**For SW-846 Method 8260C, Carbon Dioxide (54 ug/L and 36 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512091017C and field blank 2512091018C.**
ST-3-735	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide (33 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2518455-04) for QC batch 904655. Groundwater data are affected by this method blank contamination are flagged.**
ST-3-735	**12/9/2025**	**For SW-846 Method 8260D, PCE (0.31 ug/L) in sample 2512091017C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-3-735	**12/9/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512091018C) at 36.0 ug/L.**
BLM-27-270	12/10/2025	For SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2512101430A and 2512101431A were within control limits or below the calculable range.
BLM-27-270	**12/10/2025**	**For SW-846 Method 8260D, 1,1-Dichloroethene (0.36 ug/L) in sample 2512101430A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-27-270	**12/10/2025**	**For SW-846 Method 8260D, several freons in samples 2512101430A and 2512101431A required a 5-fold dilution.**
BLM-27-270	12/10/2025	For SW-846 Method 8260D, there were no detections in the field blank.
BLM-7-509	12/10/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-7-509	12/10/2025	For SW-846 Method 8260D, there were no detections in the trip blank.
BLM-7-509	12/10/2025	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
BLM-7-509	12/10/2025	For SW-846 Method 8260D, there were no detections in the field blank.
BLM-7-509	12/10/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
BW-7-211	12/10/2025	For SW-846 Method 8260D, there were no detections in the field blank.
BW-7-211	**12/10/2025**	**For SW-846 Method 8260D, CFC 21 (0.41 ug/L) in sample 2512100940A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-2-504	**12/10/2025**	**For SW-846 Method 8260D, CFC 21 (0.86 ug/L) in sample 2512100940A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-2-504	**12/10/2025**	**For SW-846 Method 8260D, 2-Methylpropane (1.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512101415C.**
PL-2-504	12/10/2025	For SW-846 Method 8260D, there were no detections in the field blank.
PL-2-504	**12/10/2025**	**For SW-846 Method 8260D, CFC 123a (0.23 ug/L) in sample 2512101415C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-2-489	12/10/2025	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
WW-2-489	12/10/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
WW-2-489	12/10/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-2-489	12/10/2025	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
WW-2-664	12/10/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-2-664	12/10/2025	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
WW-2-664	12/10/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
WW-2-664	**12/10/2025**	**For Low Level SW-846 Method 8260C, Ethyne, fluoro- (4.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512101352B.**
WW-2-664	12/10/2025	For Low Level SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2512101351B and 2512101352B were within control limits or below the calculable range.
WW-2-664	12/10/2025	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
WW-1-452	12/11/2025	For SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
WW-1-452	12/11/2025	For SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-1-452	12/11/2025	For SW-846 Method 8260D, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
WW-1-452	**12/11/2025**	**For Low Level SW-846 Method 8260C, 2-Methylpropane (1.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2512111015A.**
WW-1-452	12/11/2025	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
B650-EFF-1	**12/16/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (43 ug/L), Sulfur Dioxide (6.6 ug/L), and Methyl nitrite (1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512161442.**
B650-EFF-1	**12/16/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (26 ug/L and 24 ug/L) and Sulfur Dioxide (5.7 ug/L and 4.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2512161443 and trip blank 2512161230.**
B650-EFF-1	**12/16/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (25.5 ug/L) and Sulfur Dioxide (3.3 ug/L) were tentatively identified by a GC/MS library search in the method blank**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		(RQ2518953-03) for analytical batch 905634. Groundwater data are affected by this method blank contamination are flagged.
B650-EFF-1	**12/16/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the trip blank (2512161230) at 24.0 ug/L. Sulfur Dioxide was detected in the trip blank (2512161230) at 4.4 ug/L.**
B650-EFF-1	**12/16/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512161443) at 26.0 ug/L. Sulfur Dioxide was detected in the field blank (2512161443) at 5.7 ug/L.**
B650-INF-1	**12/16/2025**	**For SW-846 Method 8260D, PCE (0.39 ug/L) in sample 2512161452 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B650-INF-1	**12/16/2025**	**For SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2512161453) at 20.0 ug/L. Sulfur Dioxide was detected in the field blank (2512161453) at 4.3 ug/L.**
B650-INF-1	**12/16/2025**	**For SW-846 Method 8260D, Carbon Dioxide (25.5 ug/L) and Sulfur Dioxide (3.3 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2518953-03) for QC batch 905634. Groundwater data are affected by this method blank contamination are flagged.**
B650-INF-1	**12/16/2025**	**For SW-846 Method 8260C, Carbon Dioxide (36 ug/L and 20 ug/L) and Sulfur Dioxide (4.2 ug/L and 4.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2512161452 and field blank 2512161453.**

Well ID	Event Date	Modified EPA Method 607 QA Narratives
200-G-495	**12/4/2025**	**For Modified EPA Method 607, Bromacil (0.006 ug/L) in sample 2511070808 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
700-B-510	**12/5/2025**	**For Modified EPA Method 607 in blind control sample (2512051031C), the percent recovery for Bromacil (44.0%) was outside of the standard limits (50.0-190.0%).**
ST-3-666	12/9/2025	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2512091415C and 2512091418C were within control limits or below the calculable range.
ST-3-666	**12/9/2025**	**For Modified EPA Method 607, NDMA (0.007 ug/L and 0.006 ug/L) in samples 2512091415C and 2512091418C, is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-27-270	12/10/2025	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2512101433A and 2512101434A were within control limits or below the calculable range. The relative percent difference for N-Nitrosodimethylamine (23.2%) was close to the upper acceptance limit (25%).
BW-7-211	**12/10/2025**	**For Modified EPA Method 607, origianl result for DMN in sample 2512100942A exceeded the callibration curve and is rejected. Sample was diluted 15-fold for reanalysis.**
BW-7-211	**12/10/2025**	**For Modified EPA Method 607, Diluted results for NDMA and Bromacil in sample 2512100942A are rejected due to sample dilution 8-fold for DMN reanalysis. Original NDMA and bromacil results is retained.**
B650-EFF-1	**12/16/2025**	**For Modified EPA Method 607, extract for sample 2512161444 (B650-EFF-1) was analyzed twice because the internal standard area for atrazine-d5 fell below 50% relative to the calibration standard in the initial analysis. The atrazine-d5 area continued to be below 50% in the reanalysis (RE). Analytes were not detected in the sample. Results from both data files were submitted.**
B650-INF-1	12/16/2025	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2512161454 and 2512161455 were within control limits or below the calculable range.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
PL-11-470	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-530	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
WW-3-469	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the equipment blank.
WW-3-569	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
WW-3-569	**12/1/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2512010916Y) at 1.39 ng/L.**
PL-11-710	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-11-710	12/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-820	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-11-820	12/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-980	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-11-980	12/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-8-605	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-8-605	**12/2/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2512021031Y) at 1.33 ng/L.**
PL-8-455	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PL-8-455	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the equipment blank.
PL-8-455	**12/3/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-6-528	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-528	**12/3/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-6-568	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-568	**12/3/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-6-568	**12/3/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum possible concentration for sample 2512031303B. Affected data are appropriately qualified.**
ST-4-589	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-4-589	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
ST-4-690	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-4-690	12/4/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2512041410A and 2512041411A were within control limits or below the calculable range.
ST-6-678	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-678	**12/4/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum possible concentration for sample 2512031303B. Affected data are appropriately qualified.**
ST-6-824	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-824	**12/4/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
		possible concentration for sample 2512031303B. Affected data are appropriately qualified.
ST-6-970	**12/4/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.45 ng/L) in sample 2512041328B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-970	**12/4/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum possible concentration for sample 2512031303B. Affected data are appropriately qualified.**
ST-6-970	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
B655-EFF-2	12/5/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-4-481	12/5/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-4-464	**12/8/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
PL-4-464	**12/8/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.43 ng/L) in sample 2512080928A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-4-464	**12/8/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2512080928A) at 0.43 ng/L.**
PL-4-464	12/8/2025	For Low Level Nitrosamine Method in blind control sample (2512081030A), all recoveries were within standard limits.
BLM-42-569	**12/9/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2512090741B) at 0.4 ng/L.**
BLM-42-569	12/9/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2512090917B and 2512090918B were within control limits or below the calculable range.
BLM-42-569	12/9/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-42-569	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.35 ng/L and 0.4 ng/L) in sample 2512090917B and trip blank 2512090741B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-42-569	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
BLM-42-709	12/9/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-42-709	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
BLM-42-709	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
BLM-7-509	12/10/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-7-509	**12/10/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.37 ng/L) in sample 2512091423B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-7-509	12/10/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PL-2-504	**12/10/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) in field blank 2512101426C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-2-504	12/10/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2512101422C and 2512101424C were within control limits or below the calculable range.
PL-2-504	**12/10/2025**	**For Low Level Nitrosamine Method, Samples 2512101422C (PL-2-504) and 2512101424C (PL-2-504) required 4x physical dilutions due to high concentrations of both NDMA and DMN. When making dilutions, internal standard was added to the extract, adjusted for a 1**
PL-2-504	**12/10/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2512101426C) at 0.42 ng/L.**
WW-2-489	12/10/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
WW-1-452	12/11/2025	For Low Level Nitrosamine Method, matrix spike recoveries for sample 2512111018A were within laboratory control limits.
WW-1-452	12/11/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
B650-EFF-1	12/16/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
B650-EFF-1	12/16/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.

Well ID	Event Date	Total Metals QA Narratives
200-G-420	**12/4/2025**	**For Total Metals, multiple analyte results in sample 2512041402Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-G-495	**12/4/2025**	**For Total Metals, multiple analyte results in sample 2512041044Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-G-220	**12/5/2025**	**For Total Metals, multiple analyte results in sample 2512051237Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-G-340	**12/5/2025**	**For Total Metals, multiple analyte results in sample 2512051107Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-B-510	**12/5/2025**	**For Total Metals, multiple analyte results in sample 2512050958C and blind control 2512051032C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-G-175	**12/8/2025**	**For Total Metals, Magnesium, Total was detected in the equipment blank (2512081011Y) at 0.09 mg/L. Sodium, Total was detected in the equipment blank (2512081011Y) at 0.8 mg/L. Strontium, Total was detected in the equipment blank (2512081011Y) at 0.02 mg/L. Zinc, Total was detected in the equipment blank (2512081011Y) at 0.004 mg/L.**
200-G-175	**12/8/2025**	**For Total Metals, multiple analyte results in sample 2512081330Y and equipment blank 2512081011Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-27-270	**12/10/2025**	**For Total Metals, multiple analyte results in samples 2512101435A and 2512101436A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-27-270	12/10/2025	For Total Metals, relative percent differences (RPD) for duplicate samples 2512101435A and 2512101436A were within control limits or below the calculable range.

Well ID	Event Date	Groundwater Paramerter QA Narratives
WW-3-469	12/1/2025	PPE used: hard hat, nitirle gloves, safety glasses and boots.
WW-3-569	12/1/2025	PPE used: hard hat, nitrile gloves, safety glasses and boots.
PL-8-605	12/2/2025	DTW - NA probe was sticking to side of casing.
PL-8-455	12/3/2025	DTW - NA probe sticking to casing.
200-G-420	12/4/2025	PPE - Hard hat, gloves, steel toe and safety glasses.
200-G-495	12/4/2025	PPE - Hard hat, glvoes, steel toe and safety glasses.
ST-4-589	12/4/2025	PPE-Nitrile gloves, safety glasses and boots. Note: Duplicate NDMA LL feel out of bag at 637 and broke.
ST-4-690	12/4/2025	PPE-Nitrile gloves, safety glasses and boots.
200-G-220	12/5/2025	PPE-Hard hat, nitrile gloves, safety glasses and steel toe.
200-G-340	12/5/2025	PPE-Hard hat, nitrile gloves, safety glasses and steel toe.
700-B-510	12/5/2025	PPE used/required: steel toed shoes, nitrile gloves and safety sunglasses.
ST-4-481	12/5/2025	PPE-Nitrile gloves, safety glasses and boots.
200-G-175	12/8/2025	PPE: Hard hat, steel toe shoes and glasses.
PL-4-464	12/8/2025	PPE used: nitrile gloves, steel toed shoes and safety sunglasses.
ST-1-473	12/8/2025	PPE used/required: nitrile gloves, steel toed shoes and saftey sunglasses.

Well ID	Event Date	Groundwater Paramerter QA Narratives
BLM-42-569	12/9/2025	PPE used/required: nitrile gloves, steel toed shoes and safety glasses. Used a non DEHP (PFAS free) discharge hose. *Transducer had recently been removed from this well. No DTW can be collected.
BLM-42-709	12/9/2025	PPE used/required: nitrile gloves, steel toed shoes and safety sunglasses. Used a non DEHP discharge hose (PFAS free tubing) *Transducer had recently been removed from this well. No DTW can be collected.
ST-3-486	12/9/2025	PPE: Gloves, steel toe shoes, and safety glasses. Used a non DEHP tubing (PFAS free).
ST-3-586	12/9/2025	PPE: Gloves, steel toe shoes, and safety glasses.
ST-3-735	12/9/2025	PPE: Steel toe shoes, safety glasses, and nitrile gloves *Load & made adjustemnts to K-bottle rack on G6102156 Chevy. Rake Broken* *QED Pressure Box MP-10H-1681 digital pad glitching
BLM-27-270	12/10/2025	PPE: gloves and steel toe shoes. Samples collected using a PFAS free non DEHP tubing.
BLM-7-509	12/10/2025	Samples will be taken rom a non DEHP discharge tube
BW-7-211	12/10/2025	PPE used: gloves, steel toe shoes, and safety glasses. Used a PFAS free non DHEP tubing.
WW-2-489	12/10/2025	PPE used/required: nitirle gloves, steel toed shoes, and safety sunglasses. Samples collected using a PFAS free non DEHP tubing. The packer inside this well is damaged and cannot hold any pressure
WW-2-664	12/10/2025	PPE used/required: nitrile gloves, steel toed shoes, and saftey sunglasses. Samples collected using a PFAS free non DEHP tubing. *The packer inside this well is damaged and cannot hold any pressure.
WW-1-452	12/11/2025	PPE: gloves, steel toe shoes, and safety glasses. Samples collected using a PFAS free non DEHP tubing.

Table 8 – WSTF Blank Sample Detections

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
PL-11-470	01-Dec-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	0.86	ug/L	J TIC RB FB
PL-11-470	01-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.37	ug/L	J TIC FB
PL-11-530	01-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.2	ug/L	J TIC FB
WW-3-469	01-Dec-25	Carboy G2	8260_LL	VOA-EB	7446-09-5	Sulfur Dioxide	1.5	ug/L	J TIC RB EB
WW-3-469	01-Dec-25	Carboy G2	8260_LL	VOA-EB	64-19-7	Acetic Acid	0.38	ug/L	J TIC EB
WW-3-569	01-Dec-25	Carboy G2	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	1.39	ng/L	EB
WW-3-569	01-Dec-25	Carboy G2	8260_LL	VOA-TB	64-19-7	Acetic Acid	0.38	ug/L	J TIC TB
PL-8-605	02-Dec-25	Carboy G2	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	1.33	ng/L	EB
PL-8-455	03-Dec-25	Carboy G2	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	24	ug/L	J TIC RB TB EB
PL-8-455	03-Dec-25	Carboy G2	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	21	ug/L	J TIC RB TB EB
PL-8-455	03-Dec-25	Carboy G2	8260_LL	VOA-TB	625-45-6	Acetic acid, methoxy-	0.9	ug/L	J TIC TB
ST-6-528	03-Dec-25	Carboy G1	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.66	ug/L	J TIC RB FB
ST-6-568	03-Dec-25	Carboy G1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	23	ug/L	J TIC RB FB
ST-6-568	03-Dec-25	Carboy G1	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.82	ug/L	J TIC RB FB
200-G-420	04-Dec-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB EB
200-G-420	04-Dec-25	Carboy G2	8260	VOA-EB	7446-09-5	Sulfur Dioxide	3.8	ug/L	J TIC EB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	30	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-FB	13881-91-9	Aminomethanesulfonic acid	1.7	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-TB	13881-91-9	Aminomethanesulfonic acid	1.5	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-FB	595-98-2	Methyltartronic acid	0.68	ug/L	J TIC FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-TB	64-19-7	Acetic Acid	0.49	ug/L	J TIC TB
ST-4-690	04-Dec-25	Carboy G2	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	37	ug/L	J TIC RB FB
ST-4-690	04-Dec-25	Carboy G2	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.7	ug/L	J TIC FB
ST-4-690	04-Dec-25	Carboy G2	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.95	ug/L	J TIC FB
ST-6-678	04-Dec-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	31	ug/L	J TIC RB FB
ST-6-678	04-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.76	ug/L	J TIC FB
ST-6-824	04-Dec-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
ST-6-824	04-Dec-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.7	ug/L	J TIC FB
ST-6-824	04-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.73	ug/L	J TIC FB
ST-6-970	04-Dec-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	37	ug/L	J TIC RB FB
ST-6-970	04-Dec-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.8	ug/L	J TIC FB
ST-6-970	04-Dec-25	Carboy G3	8260_LL	VOA-FB	595-98-2	Methyltartronic acid	0.66	ug/L	J TIC FB
200-G-220	05-Dec-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	33	ug/L	J TIC RB EB
200-G-340	05-Dec-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	31	ug/L	J TIC RB EB
700-B-510	05-Dec-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB FB
B655-EFF-2	05-Dec-25	Carboy PF1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	35	ug/L	J TIC RB FB
B655-EFF-2	05-Dec-25	Carboy PF1	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.6	ug/L	J TIC FB
B655-EFF-2	05-Dec-25	Carboy PF1	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.54	ug/L	J TIC FB
B655-INF-2	05-Dec-25	Carboy PF1	8260	VOA-FB	124-38-9	Carbon Dioxide	32	ug/L	J TIC RB FB
ST-4-481	05-Dec-25	Carboy G1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	35	ug/L	J TIC RB FB
ST-4-481	05-Dec-25	Carboy G1	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.5	ug/L	J TIC FB
ST-4-481	05-Dec-25	Carboy G1	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.78	ug/L	J TIC FB
200-G-175	08-Dec-25	Carboy	8260	VOA-EB	124-38-9	Carbon Dioxide	36	ug/L	J TIC RB EB
200-G-175	08-Dec-25	Carboy	METALS	METALS-EB	7440-23-5	Sodium, Total	0.8	mg/L	J EB
200-G-175	08-Dec-25	Carboy	METALS	METALS-EB	7439-95-4	Magnesium, Total	0.09	mg/L	J EB
200-G-175	08-Dec-25	Carboy	METALS	METALS-EB	7440-24-6	Strontium, Total	0.02	mg/L	J EB
200-G-175	08-Dec-25	Carboy	METALS	METALS-EB	7440-66-6	Zinc, Total	0.004	mg/L	J EB
PL-4-464	08-Dec-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	36	ug/L	J TIC RB FB
PL-4-464	08-Dec-25	Carboy G1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.43	ng/L	J RB FB
ST-1-473	08-Dec-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	30	ug/L	J TIC RB FB
BLM-42-569	09-Dec-25	Carboy G1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	32	ug/L	J TIC RB TB FB
BLM-42-569	09-Dec-25	Carboy G1	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	30	ug/L	J TIC RB TB FB
BLM-42-569	09-Dec-25	Carboy G1	8260_LL	VOA-FB	13881-91-9	Aminomethanesulfonic acid	2	ug/L	J TIC FB
BLM-42-569	09-Dec-25	Carboy G1	NDMA_LL	NDMA_LL-TB	62-75-9	N-Nitrosodimethylamine	0.4	ng/L	J RB TB
BLM-42-709	09-Dec-25	Carboy G1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB FB
BLM-42-709	09-Dec-25	Carboy G1	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.69	ug/L	J TIC FB
ST-3-586	09-Dec-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB FB
ST-3-666	09-Dec-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
ST-3-735	09-Dec-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	36	ug/L	J TIC RB FB
PL-2-504	10-Dec-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.42	ng/L	J FB
B650-EFF-1	16-Dec-25	Carboy PF1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	26	ug/L	J TIC RB TB FB
B650-EFF-1	16-Dec-25	Carboy PF1	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	24	ug/L	J TIC RB TB FB
B650-EFF-1	16-Dec-25	Carboy PF1	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	5.7	ug/L	J TIC RB TB FB
B650-EFF-1	16-Dec-25	Carboy PF1	8260_LL	VOA-TB	7446-09-5	Sulfur Dioxide	4.4	ug/L	J TIC RB TB FB
B650-INF-1	16-Dec-25	Carboy PF1	8260	VOA-FB	124-38-9	Carbon Dioxide	20	ug/L	J TIC RB FB
B650-INF-1	16-Dec-25	Carboy PF1	8260	VOA-FB	7446-09-5	Sulfur Dioxide	4.3	ug/L	J TIC RB FB

National Aeronautics and Space Administration

Quality Assurance Report for White Sands Test Facility Groundwater Monitoring Data

January 2026

NM8800019434

Report Submitted: April 2026

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1.0 Introduction

The WSTF Groundwater Monitoring Plan (GMP) requires the preparation of a periodic report to assess the quality of groundwater analytical data reported. The monthly Quality Assurance Report (QAR) prepared and reviewed by responsible environmental contractor data management personnel provides the following information:

- A summary of notable anomalies and a follow-up on previous anomalies, if necessary.
- A summary of notable data quality issues by analytical method, if any.
- A list of the sample events for which groundwater samples were collected in January 2026.
- The quantity and type of quality control samples collected or prepared in January 2026.
- Quality control sample percentages in annual period immediately preceding and during January 2026.
- Definitions of data qualifiers used in WSTF analytical data reporting.
- The quantity and type of data qualifiers applied to individual analytical results.
- A list of quality assurance narratives for the month arranged by analytical method.
- A summary table of detections in equipment blank, field blank, and trip blank samples.

2.0 Data Quality

2.1 Notable Anomalies Identified in Previous Quality Assurance Reports

There were no notable anomalies requiring follow-up associated with previous QARs.

2.2 Notable Anomalies

There were no notable anomalies in the groundwater data associated with the January 2026 QAR.

3.0 Data Tables

Table 1 summarizes the groundwater sample events initiated in December 2025. This report is based on data quality issues related to the sample events listed in Table 1. Tables 2 through 8 contain information related to the sample events identified in Table 1. As specified by the GMP, specific quality control samples are utilized to assess the quality of analytical data. Table 2 presents the quantity of quality control samples collected for each analytical method. Table 3 compares the quality control sample percentages collected to the requirements in the GMP. When data quality criteria are not met, data qualifiers are applied to the data. Definitions of data qualifiers used for WSTF chemical analytical data are listed in Table 4. Table 5 and Table 6 present the total number of individual result records and summarize the quantity of field and laboratory data qualifiers assigned to individual analyte result records in the WSTF analytical database. Table 7 provides all quality assurance narratives associated with the sample events in Table 1. Narratives associated with qualified data are identified by **bold text** in Table 7. Table 8 provides a summary of all detections in WSTF blank samples.

Table 1 – Sample Events for December 2025

Well ID	Event Date
100-F-358	12-Jan-26
100-G-223	07-Jan-26
300-F-175	13-Jan-26
400-A-151	06-Jan-26
600-G-138	13-Jan-26
600A-003-GW	15-Jan-26

Well ID	Event Date
600C-005-GW	12-Jan-26
B650-EFF-1	16-Jan-26
B650-INF-1	16-Jan-26
B655-EFF-2	16-Jan-26
B655-INF-2	16-Jan-26
BLM-10-517	06-Jan-26

Well ID	Event Date
BLM-15-305	06-Jan-26
BLM-17-550	06-Jan-26
BLM-18-430	08-Jan-26
BLM-6-488	05-Jan-26
JER-1-483	07-Jan-26
JER-1-563	07-Jan-26

Well ID	Event Date
JER-1-683	07-Jan-26
JER-2-504	14-Jan-26
JER-2-584	14-Jan-26
JER-2-684	14-Jan-26
JP-1-424	14-Jan-26
JP-2-447	14-Jan-26
JP-3-509	05-Jan-26
JP-3-689	05-Jan-26
PFE-1	19-Jan-26
PFE-2	15-Jan-26

Well ID	Event Date
PFE-3	15-Jan-26
PFE-4A	15-Jan-26
PFE-5	19-Jan-26
PFE-7	19-Jan-26
PL-1-486	05-Jan-26
PL-10-484	15-Jan-26
PL-10-592	13-Jan-26
PL-6-1195	05-Jan-26
PL-6-1335	06-Jan-26
PL-6-545	12-Jan-26

Well ID	Event Date
PL-6-725	12-Jan-26
PL-6-915	07-Jan-26
ST-7-544	08-Jan-26
ST-7-779	08-Jan-26
ST-7-970	08-Jan-26
WW-5-459	12-Jan-26
WW-5-579	12-Jan-26
WW-5-809	13-Jan-26
WW-5-909	13-Jan-26

Table 2 – Quantity of Quality Control Samples

Method	Samples	Field Blanks	Equip Blanks	Trip Blanks	Blind Controls	Duplicates	Matrix Spikes
Chloride by EPA Method 300.0	**1**	0	0	0	0	0	0
Nitrate plus Nitrite as N by EPA Method 353.2	**12**	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**26**	**1**	**1**	0	**1**	**2**	**1**
Perchlorate by SW-846 Method 6850	**10**	0	0	0	0	0	0
Organics by SW-846 Method 8015M	**2**	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**16**	**16**	0	0	**1**	**4**	0
Low Level Volatile Organics by SW-846 Method 8260C	**31**	**24**	**6**	**7**	0	**1**	**1**
Semi-Volatile Organics by SW-846 Method 8270D	**17**	0	0	0	0	0	0
Anions by Various EPA Methods	**10**	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**16**	**1**	0	0	**1**	**2**	0
Nitrosamines by Low-Level Method	**36**	**29**	**7**	**6**	**1**	**5**	**1**
Total Dissolved Solids by Standard Method 2540C	**10**	0	0	0	0	0	0

Table 3 – Quality Control Sample Percentages

Quality Control Requirement	Requirement %	Samp. Qty. since Feb 2025	QC Qty. Feb 2025	QC % since Feb 2025	Sample Quantity Jan 2026	QC Quantity Jan 2026	QC % Jan 2026
VOA Duplicates	**10**	564	65	**11.52**	47	5	**10.64**
VOA Matrix Spikes	**2**	564	11	**1.95**	47	1	**2.13**
607 Duplicates	**10**	342	31	**9.06**	26	2	**7.69**
607 Matrix Spikes	**2**	342	8	**2.34**	26	1	**3.85**
607 Equipment Blanks	**2**	342	8	**2.34**	26	1	**3.85**
607 Field Blanks	**2**	342	9	**2.63**	26	2	**7.69**
NDMA_LL Duplicates	**10**	330	38	**11.52**	36	5	**13.89**
NDMA_LL Matrix Spikes	**2**	330	13	**3.94**	36	1	**2.78**
Metals Duplicates	**10**	229	24	**10.48**	16	2	**12.50**
Metals Matrix Spikes	**2**	229	6	**2.62**	16	0	**0.00**
Metals Equipment Blanks	**5**	229	10	**4.37**	16	0	**0.00**

Quality Control Requirement	Requirement %	Samp. Qty. since Feb 2025	QC Qty. Feb 2025	QC % since Feb 2025	Sample Quantity Jan 2026	QC Quantity Jan 2026	QC % Jan 2026
Metals Field Blanks	**5**	229	14	**6.11**	16	1	**6.25**

Quality Control Requirement	Requirement %	Sample Events since Feb 2025	QC Qty. since Feb 2025	QC % since Feb 2025	Sample Events Jan 2026	QC Quantity Jan 2026	QC % Jan 2026
VOA Equipment Blanks and Field Blanks	*Should approach 100%*	552	552	**100%**	47	47	**100%**
Low Level Nitrosamine Equipment Blanks and Field Blanks	*Should approach 100%*	325	324	**99.69%**	35	34	**97.14%**

Quality Control Requirement	Requirement %	Shipments since Feb 2025	TB Qty. since Feb 2025	TB % since Feb 2025	Shipments in Jan 2026	TB Quantity Jan 2026	QC % Jan 2026
VOA Trip Blank (per shipment)	*Should approach 100%*	83	83	**100%**	7	7	**100%**
Low Level Nitrosamine Trip Blank (per shipment)	*Should approach 100%*	74	74	**100%**	6	6	**100%**

Table 4 – Definitions of Data Qualifiers

Qualifier	Definition
*	User defined qualifier. See quality assurance narrative.
A	The result of an analyte for a laboratory control sample (LCS), initial calibration verification (ICV) or continuing calibration verification (CCV) was outside standard limits.
AD	Relative percent difference for analyst (laboratory) duplicates was outside standard limits.
D	The reported result is from a dilution.
EB	The analyte was detected in the equipment blank.
FB	The analyte was detected in the field blank.
G	The result is an estimated value greater than the upper calibration limit.
i	The result, quantitation limit, and/or detection limit may have been affected by matrix interference.
J	The result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
K	The peak ratio did not meet ± 25% criteria. Concentration should be considered an estimated maximum possible concentration.
NA	The value/result was either not analyzed for or not applicable.
ND	The analyte was not detected above the detection limit.
Q	The result for a blind control sample was outside standard limits.
QD	The relative percent difference for a field duplicate was outside standard limits.
R	The result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
RB	The analyte was detected in the method blank.
S	The result was determined by the method of standard addition.
SP	The matrix spike recovery and/or the relative percent difference for matrix spike duplicates was outside standard limits.
T	The sample was analyzed outside the specified holding time or temperature.
TB	The analyte was detected in the trip blank.
TIC	The analyte was tentatively identified by a GC/MS library search and the amount reported is an estimated value.

Table 5 – Quantity of Field Based Data Qualifiers Assigned to Individual Result Records

Method	Total Result Records	FB	EB	TB	Q	QD	SP	R
Chloride by EPA Method 300.0	**1**	0	0	0	0	0	0	0
Nitrate plus Nitrite as N by EPA Method 353.2	**18**	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**90**	0	0	0	**1**	0	0	**6**
Perchlorate by SW-846 Method 6850	**10**	0	0	0	0	0	0	0
Organics by SW-846 Method 8015M	**2**	0	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**1290**	0	0	0	**2**	0	0	0
Low Level Volatile Organics by SW-846 Method 8260C	**2078**	0	0	0	0	0	0	0
Semi-Volatile Organics by SW-846 Method 8270D	**512**	0	0	0	0	0	0	0
Anions by Various EPA Methods	**64**	0	0	0	0	0	**1**	0
Total Metals by Various SW-846 Methods	**702**	0	0	0	**2**	0	0	0
Nitrosamines by Low-Level Method	**82**	**5**	**7**	**2**	0	0	0	0
Total Dissolved Solids by Standard Method 2540C	**16**	0	0	0	0	0	0	0

Table 6 – Quantity of Laboratory based Data Qualifiers Assigned to Individual Result Records

Method	Total Result Records	*	A	AD	G	RB	T	D	i	J	K
Chloride by EPA Method 300.0	**1**	0	0	0	0	0	0	0	0	0	0
Nitrate plus Nitrite as N by EPA Method 353.2	**18**	0	0	0	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**90**	0	0	0	**2**	0	0	**6**	0	**8**	0
Perchlorate by SW-846 Method 6850	**10**	**6**	0	0	0	0	**6**	0	0	**1**	0
Organics by SW-846 Method 8015M	**2**	0	0	0	0	**1**	**1**	0	0	**1**	0
Volatile Organics by SW-846 Method 8260C	**1290**	0	0	0	**2**	0	0	0	0	**21**	0
Low Level Volatile Organics by SW-846 Method 8260C	**2078**	0	**2**	0	0	0	0	0	0	10	0
Semi-Volatile Organics by SW-846 Method 8270D	**512**	0	0	0	0	**27**	0	0	0	0	0
Anions by Various EPA Methods	**64**	0	0	0	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**702**	0	0	0	0	**12**	0	0	0	**155**	0
Nitrosamines by Low-Level Method	**82**	**2**	10	0	0	**6**	0	0	0	**4**	**8**
Total Dissolved Solids by Standard Method 2540C	**16**	0	0	0	0	0	0	0	0	0	0

Table 7 – Quality Assurance Narratives

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the Method Blank contained a low level of one or more analytes at concentrations above the Method Detection Limit (MDL). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601051127A.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the upper control limit was exceeded for one or more surrogates in the Method Blank. Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.**
BLM-6-488	1/5/2026	For SW-846 Method 8270E, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken. The control limits were exceeded for one or more surrogates in the sample(s). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the Method Reporting Limit (MRL) is elevated for all target analytes. The sample was extracted using less than the usual mass of sample due to problems created by the sample matrix during preparation.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2600482-01. Affected data are appropriately qualified.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2600482-01. Affected data are appropriately qualified.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601051127A.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the extraction of one or more sample(s) was initially performed within holding time, but were re-extracted due to a QC failure. Efforts were made to re-extract the samples as soon as possible. The re-extraction was performed past the recommended holding time. The data are flagged to indicate the holding time exceedance.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the control limits were exceeded for one or more surrogates in the sample(s). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed. The re-extraction and reanalysis was performed out of hold.**
JP-3-509	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2601051417C) at 0.84 ug/L.**
JP-3-509	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1 ug/L) and 1-Butyne, 3,3-dimethyl- (0.59 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2601051415C.**
JP-3-509	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.4 ug/L) and Benzene, 1-chloro-4-(chloromethyl)- (0.36 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2600428-06) for analytical batch 906801. Groundwater data are affected by this method blank contamination are flagged.**
JP-3-509	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.84 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2601051417C.**
JP-3-509	1/5/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
JP-3-689	1/5/2026	For Low Level SW-846 Method 8260C, matrix spike recoveries for sample 2601051022C were within laboratory control limits.
JP-3-689	1/5/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JP-3-689	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the trip blank (2601050740C) at 1.1 ug/L.**
JP-3-689	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.63 ug/L) and Aminomethanesulfonic acid (1.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2601051020C.**
JP-3-689	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank 2601050740C.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
JP-3-689	1/5/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
JP-3-689	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.4 ug/L) and Benzene, 1-chloro-4-(chloromethyl)- (0.36 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2600428-06) for analytical batch 906801. Groundwater data are affected by this method blank contamination are flagged.**
PL-1-486	1/5/2026	For Low Level SW-846 Method 8260D, relative percent differences (RPD) for duplicate samples 2601051346A and 2601051347A were within control limits or below the calculable range.
PL-1-486	**1/5/2026**	**For Low Level SW-846 Method 8260D, 1-Hexanol, 2-ethyl- was detected in the field blank (2601051348A) at 1.2 ug/L.**
PL-1-486	**1/5/2026**	**For Low Level SW-846 Method 8260D, 1-Hexanol, 2-ethyl- (1.2 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2601051348A.**
PL-1-486	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1 ug/L and 1.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in samples 2601051346A and 2601051347A.**
PL-1-486	1/5/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-1-486	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.4 ug/L) and Benzene, 1-chloro-4-(chloromethyl)- (0.36 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2600428-06) for analytical batch 906801. Groundwater data are affected by this method blank contamination are flagged.**
PL-6-1195	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the equipment blank (2601051015Y) at 1.5 ug/L.**
PL-6-1195	**1/5/2026**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (0.38 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2601060920Y.**
PL-6-1195	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2601051015Y.**
PL-6-1195	1/5/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-6-1195	**1/5/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.4 ug/L) and Benzene, 1-chloro-4-(chloromethyl)- (0.36 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2600428-06) for analytical batch 906801. Groundwater data are affected by this method blank contamination are flagged.**
400-A-151	1/6/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-10-517	**1/6/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2601061417C) at 0.82 ug/L.**
BLM-10-517	**1/6/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.4 ug/L) and Benzene, 1-chloro-4-(chloromethyl)- (0.36 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2600428-06) for analytical batch 906801. Groundwater data are affected by this method blank contamination are flagged.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-10-517	1/6/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
BLM-10-517	**1/6/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.82 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank 2601061417C.**
PL-6-1335	**1/6/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the equipment blank (2601061300Y) at 0.61 ug/L.**
PL-6-1335	**1/6/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.61 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2601061300Y.**
PL-6-1335	**1/6/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.68 ug/L) and Methyl nitrite (2.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2601061430Y.**
PL-6-1335	1/6/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-6-1335	**1/6/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.4 ug/L) and Benzene, 1-chloro-4-(chloromethyl)- (0.36 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2600428-06) for analytical batch 906801. Groundwater data are affected by this method blank contamination are flagged.**
100-G-223	**1/7/2026**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the field blank (2601071002C) at 3.0 ug/L. Sulfur Dioxide was detected in the field blank (2601071002C) at 2.5 ug/L.**
100-G-223	1/7/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
100-G-223	1/7/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
100-G-223	**1/7/2026**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (3 ug/L) and Sulfur Dioxide (2.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank 2601071002C.**
100-G-223	**1/7/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (2.5 ug/L) and Ethyne, fluoro- (4.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2601071000C.**
JER-1-483	1/7/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JER-1-483	**1/7/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the trip blank (2601070810B) at 3.1 ug/L.**
JER-1-483	**1/7/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane (20 ug/L) in sample 2601071201B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-483	1/7/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
JER-1-483	1/7/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
JER-1-483	**1/7/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (3.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank 2601070810B.**
JER-1-483	**1/7/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (2.3 ug/L) and 1,4-Dioxane, 2,5-dimethyl- (2.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2601071201B.**
JER-1-563	1/7/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JER-1-563	**1/7/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane (18 ug/L) in sample 2601071221B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-563	1/7/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
JER-1-563	1/7/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
JER-1-563	**1/7/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane, 2,5-dimethyl- (2.2 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601071221B.**
JER-1-683	**1/7/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane (13 ug/L) and Toluene (0.22 ug/L) in sample 2601071246B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-683	1/7/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JER-1-683	1/7/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
JER-1-683	1/7/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
JER-1-683	**1/7/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane, 2,5-dimethyl- (0.9 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601071246B.**
PL-6-915	1/7/2026	For Low Level SW-846 Method 8260D, there were no detections in the trip blank.
PL-6-915	**1/7/2026**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (3.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601081015Y.**
PL-6-915	1/7/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
PL-6-915	1/7/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
PL-6-915	1/7/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
PL-6-915	1/7/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-6-915	**1/7/2026**	**For Low Level SW-846 Method 8260D, the area count for the Internal standard was outside of acceptance limits for the following samples: 2601070952Y PL-6-1335 (480-235774-1). The following action was taken: The samples were re-analyzed within the required holding time and the area count for the internal standard was again outside of acceptance limits. The values here are from the initial injection of the samples.**
ST-7-544	1/8/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
ST-7-544	1/8/2026	For Low Level SW-846 Method 8260D, there were no detections in the trip blank.
ST-7-544	1/8/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
ST-7-544	**1/8/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane, 2,5-dimethyl- (0.68 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601081215B.**
ST-7-544	1/8/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
ST-7-779	1/8/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
ST-7-779	**1/8/2026**	**For Low Level SW-846 Method 8260D, Toluene (0.26 ug/L) in sample 2601081235B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-779	**1/8/2026**	**For Low Level SW-846 Method 8260D, 4-Methyl-2-pentanone (0.37 ug/L) in sample 2601081235B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-779	**1/8/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane, 2,5-dimethyl- (0.62 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601081235B.**
ST-7-779	**1/8/2026**	**For Low Level SW-846 Method 8260C, laboratory control sample recovery of 4-methyl-2-pentanone (136%) for analytical batch 411091 is outside laboratory control limits (68-124%). Groundwater data affected by this LCS/LCSD exceedance are flagged.**
ST-7-779	1/8/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
ST-7-779	1/8/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
ST-7-970	1/8/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
ST-7-970	**1/8/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane (11 ug/L) and Toluene (0.22 ug/L) in sample 2601081250B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-970	**1/8/2026**	**For Low Level SW-846 Method 8260D, 4-Methyl-2-pentanone (0.59 ug/L) in sample 2601081250B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-970	**1/8/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane, 2,5-dimethyl- (1.7 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601081250B.**
ST-7-970	**1/8/2026**	**For Low Level SW-846 Method 8260C, laboratory control sample recovery of 4-methyl-2-pentanone (136%) for analytical batch 411091 is outside laboratory control limits (68-124%). Groundwater data affected by this LCS/LCSD exceedance are flagged.**
ST-7-970	1/8/2026	For Low Level SW-846 Method 8260D, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
ST-7-970	1/8/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
100-F-358	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2601120945C) at 0.72 ug/L.**
100-F-358	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
100-F-358	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.60 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2600707-03) for analytical batch 907371. Groundwater data are affected by this method blank contamination are flagged.**
100-F-358	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.61 ug/L and 0.72 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601120945C and field blank 2601121005C.**
100-F-358	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-6-545	1/12/2026	For Low Level SW-846 Method 8260D, there were no detections in the equipment blank.
PL-6-545	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-6-545	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-6-725	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the equipment blank (2601121020Y) at 1.4 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
PL-6-725	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.4 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2601121020Y.**
PL-6-725	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
PL-6-725	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.60 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2600707-03) for analytical batch 907371. Groundwater data are affected by this method blank contamination are flagged.**
PL-6-725	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-5-459	**1/12/2026**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane (8.7 ug/L) in sample 2601121150B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-5-459	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2601121151B) at 0.45 ug/L.**
WW-5-459	1/12/2026	For Low Level SW-846 Method 8260D, there were no detections in the trip blank.
WW-5-459	**1/12/2026**	**For Low Level SW-846 Method 8260D, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601121150B.**
WW-5-459	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.45 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2601121151B.**
WW-5-459	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-5-459	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.60 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2600707-03) for analytical batch 907371. Groundwater data are affected by this method blank contamination are flagged.**
WW-5-459	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-5-579	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide was detected in the field blank (2601121221B) at 0.41 ug/L.**
WW-5-579	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.41 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank 2601121221B.**
WW-5-579	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
WW-5-579	**1/12/2026**	**For Low Level SW-846 Method 8260D, Propanal (1.1 ug/L) and 1,4-Dioxane, 2,5-dimethyl- (0.93 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2601121220B.**
WW-5-579	**1/12/2026**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (0.60 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2600707-03) for**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		analytical batch 907371. Groundwater data are affected by this method blank contamination are flagged.
WW-5-579	1/12/2026	For Low Level SW-846 Method 8260D, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
300-F-175	1/13/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
PL-10-592	1/13/2026	For Low Level SW-846 Method 8260D, there were no detections in the equipment blank.
WW-5-809	1/13/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
WW-5-809	1/13/2026	For Low Level SW-846 Method 8260D, there were no detections in the trip blank.
WW-5-809	**1/13/2026**	**For Low Level SW-846 Method 8260D, Ethyne, fluoro- (16 ug/L), Propanal (1.1 ug/L) and 1,4-Dioxane, 2,5-dimethyl- (0.93 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2601131155B.**
WW-5-909	1/13/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JER-2-504	1/14/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JER-2-584	1/14/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JER-2-684	1/14/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JP-1-424	1/14/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JP-2-447	1/14/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
JP-2-447	**1/14/2026**	**For Low Level SW-846 Method 8260D, 2-Methylpropane (3.2 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2601141207C.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601151323A.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2601032-01. Affected data are appropriately qualified.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2601032-01. Affected data are appropriately qualified.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601151323A.**
PL-10-484	1/15/2026	For Low Level SW-846 Method 8260D, there were no detections in the trip blank.
PL-10-484	1/15/2026	For Low Level SW-846 Method 8260D, there were no detections in the equipment blank.
B650-EFF-1	1/16/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.
B655-EFF-2	1/16/2026	For Low Level SW-846 Method 8260D, there were no detections in the field blank.

Well ID	Event Date	Modified EPA Method 607 QA Narratives
BLM-6-488	1/5/2026	For Modified EPA Method 607, matrix spike recoveries for sample 2601051124A were within laboratory control limits.
400-A-151	**1/6/2026**	**For Modified EPA Method 607, origianl results for NDMA and DMN in sample 2601061016C exceeded the callibration curve and are rejected due to sample dilution 3-fold for reanalysis. Diluted NDMA and DMN samples are retained.**
400-A-151	**1/6/2026**	**For Modified EPA Method 607, Diluted result for Bromacil in sample 2601061016C is rejected due to sample dilution 3-fold for NDMA and DMN reanalysis. Original bromacil sample is retained.**
BLM-15-305	**1/6/2026**	**For Modified EPA Method 607, origianl results for NDMA and DMN in sample 2601061337A exceeded the callibration curve and are rejected due to sample dilution 3-fold for reanalysis. Diluted NDMA and DMN samples are retained.**
BLM-15-305	**1/6/2026**	**For Modified EPA Method 607, Diluted result for Bromacil in sample 2601061337A is rejected due to sample dilution 3-fold for NDMA and DMN reanalysis. Original bromacil sample is retained.**

Well ID	Event Date	Modified EPA Method 607 QA Narratives
BLM-17-550	1/6/2026	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2601060948A and 2601060949A were within control limits or below the calculable range.
PL-6-1335	**1/6/2026**	**For Modified EPA Method 607, Bromacil (0.007 ug/L) in sample 2601061431Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
100-G-223	1/7/2026	For Modified EPA Method 607, there were no detections in the field blank.
BLM-18-430	**1/8/2026**	**For Modified EPA Method 607, NDMA (0.009 ug/L) and DMN (0.005 ug/L) in sample 2601081343C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-18-430	**1/8/2026**	**For Modified EPA Method 607 in blind control sample (2601081501C), the percent recovery for Bromacil (46.0%) was outside of the standard limits (50.0-190.0%).**
100-F-358	**1/12/2026**	**For Modified EPA Method 607, Bromacil (0.006 ug/L) in sample 2601121006C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PFE-2	**1/15/2026**	**For Modified EPA Method 607, Bromacil (0.007 ug/L) in sample 2601150903 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PFE-2	1/15/2026	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2601150902 and 2601150903 were within control limits or below the calculable range.
PFE-4A	**1/15/2026**	**For Modified EPA Method 607, DMN (0.005 ug/L) in sample 2601150920 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-10-484	1/15/2026	For Modified EPA Method 607, there were no detections in the equipment blank.
B650-INF-1	**1/16/2026**	**For Modified EPA Method 607, Bromacil (0.005 ug/L) in sample 2601160749 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**1/16/2026**	**For Modified EPA Method 607, Bromacil (0.005 ug/L) in sample 2601160749 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
PL-11-470	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-530	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-3-469	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the equipment blank.
WW-3-569	12/1/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
WW-3-569	**12/1/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2512010916Y) at 1.39 ng/L.**
PL-11-710	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-11-710	12/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-820	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-11-820	12/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-980	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
PL-11-980	12/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-8-605	**12/2/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
PL-8-605	**12/2/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2512021031Y) at 1.33 ng/L.**
PL-8-455	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PL-8-455	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the equipment blank.
PL-8-455	**12/3/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-6-528	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-528	**12/3/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-6-568	12/3/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-568	**12/3/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) was detected in method blank PB25M09JZ1 above the MDL and below the PQL. Affected data are appropriately qualified.**
ST-6-568	**12/3/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum possible concentration for sample 2512031303B. Affected data are appropriately qualified.**
ST-4-589	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-4-589	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
ST-4-690	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-4-690	12/4/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2512041410A and 2512041411A were within control limits or below the calculable range.
ST-6-678	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-678	**12/4/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum possible concentration for sample 2512031303B. Affected data are appropriately qualified.**
ST-6-824	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-824	**12/4/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum possible concentration for sample 2512031303B. Affected data are appropriately qualified.**
ST-6-970	**12/4/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.45 ng/L) in sample 2512041328B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-970	**12/4/2025**	**For Low Level Nitrosamine Method, the peak ratio did not meet ± 25% criteria. N-Nitrosodimethylamine concentration should be considered an estimated maximum possible concentration for sample 2512031303B. Affected data are appropriately qualified.**
ST-6-970	12/4/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
B655-EFF-2	12/5/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-4-481	12/5/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-4-464	**12/8/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
PL-4-464	**12/8/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.43 ng/L) in sample 2512080928A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-4-464	**12/8/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2512080928A) at 0.43 ng/L.**
PL-4-464	12/8/2025	For Low Level Nitrosamine Method in blind control sample (2512081030A), all recoveries were within standard limits.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
BLM-42-569	**12/9/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2512090741B) at 0.4 ng/L.**
BLM-42-569	12/9/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2512090917B and 2512090918B were within control limits or below the calculable range.
BLM-42-569	12/9/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-42-569	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.35 ng/L and 0.4 ng/L) in sample 2512090917B and trip blank 2512090741B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-42-569	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
BLM-42-709	12/9/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-42-709	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
BLM-42-709	**12/9/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.75 ng/L) was detected in method blank PB25M12JZ1. Affected data are appropriately qualified.**
BLM-7-509	12/10/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-7-509	**12/10/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.37 ng/L) in sample 2512091423B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-7-509	12/10/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PL-2-504	**12/10/2025**	**For Low Level Nitrosamine Method, N-nitrosodimethylamine (0.42 ng/L) in field blank 2512101426C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-2-504	12/10/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2512101422C and 2512101424C were within control limits or below the calculable range.
PL-2-504	**12/10/2025**	**For Low Level Nitrosamine Method, Samples 2512101422C (PL-2-504) and 2512101424C (PL-2-504) required 4x physical dilutions due to high concentrations of both NDMA and DMN. When making dilutions, internal standard was added to the extract, adjusted for a 1**
PL-2-504	**12/10/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2512101426C) at 0.42 ng/L.**
WW-2-489	12/10/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-1-452	12/11/2025	For Low Level Nitrosamine Method, matrix spike recoveries for sample 2512111018A were within laboratory control limits.
WW-1-452	12/11/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
B650-EFF-1	12/16/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
B650-EFF-1	12/16/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.

Well ID	Event Date	SW-846 Method 8270D QA Narratives
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the Method Blank contained a low level of one or more analytes at concentrations above the Method Detection Limit (MDL). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601051127A.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the upper control limit was exceeded for one or more surrogates in the Method Blank. Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.**

Well ID	Event Date	SW-846 Method 8270D QA Narratives
BLM-6-488	1/5/2026	For SW-846 Method 8270E, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken. The control limits were exceeded for one or more surrogates in the sample(s). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed.
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the Method Reporting Limit (MRL) is elevated for all target analytes. The sample was extracted using less than the usual mass of sample due to problems created by the sample matrix during preparation.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2600482-01. Affected data are appropriately qualified.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2600482-01. Affected data are appropriately qualified.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601051127A.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the extraction of one or more sample(s) was initially performed within holding time, but were re-extracted due to a QC failure. Efforts were made to re-extract the samples as soon as possible. The re-extraction was performed past the recommended holding time. The data are flagged to indicate the holding time exceedance.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8270E, the control limits were exceeded for one or more surrogates in the sample(s). Since the exceedance may indicate a potential bias, field samples were re-extracted and reanalyzed. The re-extraction and reanalysis was performed out of hold.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601151323A.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2601032-01. Affected data are appropriately qualified.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank RQ2601032-01. Affected data are appropriately qualified.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2601151323A.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E SIM, the extraction of one or more sample(s) was initially performed within holding time, but were re-extracted due to a QC failure. Efforts were made to re-extract the samples as soon as possible. The re-extraction was performed past the recommended holding time. The data are flagged to indicate the holding time exceedance.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E SIM, the Method Blank contained a low level of one of more analytes above the Reporting Limit. All associated sample results less than ten times the level found in the Method Blank are flagged. The affected samples will be reextracted out of hold.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 8270E SIM, the Method Blank contained a low level of target analyte(s) above the reporting limit. Samples cannot be re-extracted due to low/no volume remaining. The affected samples are flagged.**

Well ID	Event Date	Total Metals QA Narratives
BLM-6-488	**1/5/2026**	**For Total Metals, multiple analyte results in sample 2601051129A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JP-3-509	**1/5/2026**	**For Total Metals, multiple analyte results in sample 2601051430C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	Total Metals QA Narratives
JP-3-689	**1/5/2026**	**For Total Metals, multiple analyte results in samples 2601051035C and 2601051037C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JP-3-689	1/5/2026	For Total Metals, relative percent differences (RPD) for duplicate samples 2601051035C and 2601051037C were within control limits or below the calculable range.
PL-6-1195	**1/5/2026**	**For Total Metals, multiple analyte results in sample 2601061002Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-A-151	**1/6/2026**	**For Total Metals, multiple analyte results in sample 2601061020C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-10-517	**1/6/2026**	**For Total Metals, multiple analyte results in sample 2601061425C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-15-305	**1/6/2026**	**For Total Metals, multiple analyte results in sample 2601061338A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-17-550	**1/6/2026**	**For Total Metals, multiple analyte results in sample 2601060950A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
PL-6-1335	**1/6/2026**	**For Total Metals, multiple analyte results in sample 2601070911Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
PL-6-915	**1/7/2026**	**For Total Metals, multiple analyte results in sample 2601081320Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-18-430	**1/8/2026**	**For Total Metals, multiple analyte results in sample 2601081344C and blind control 2601081502C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-18-430	**1/8/2026**	**For Total Metals in blind control sample (2601081502C), the percent recovery for Aluminum (133.3%) was outside of the standard limits (75.0-125.0%), the percent recovery for Iron (0.0%) was outside of the standard limits (75.0-125.0%).**
100-F-358	**1/12/2026**	**For Total Metals, multiple analyte results in sample 2601121011C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
100-F-358	1/12/2026	For Total Metals, there were no detections in the field blank.
600-G-138	**1/13/2026**	**For Total Metals, multiple analyte results in sample 2601131308C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
600A-003-GW	**1/15/2026**	**For Total Metals, Molybdenum (0.004 mg/L) was detected in the Method blank (R2600843-MB). Affected data flagged accordingly.**
600A-003-GW	**1/15/2026**	**For Total Metals, multiple analyte results in sample 2601151324A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**1/16/2026**	**For Total Metals, Molybdenum (0.004 mg/L) was detected in the Method blank (R2600843-MB). Affected data flagged accordingly.**
B655-EFF-2	**1/16/2026**	**For Total Metals, multiple analyte results in samples 2601160537 and 2601160538 are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	1/16/2026	For Total Metals, relative percent differences (RPD) for duplicate samples 2601160537 and 2601160538 were within control limits or below the calculable range.
B655-INF-2	**1/16/2026**	**For Total Metals, multiple analyte results in sample 2601160556 are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
B655-INF-2	**1/16/2026**	**For Total Metals, Molybdenum (0.004 mg/L) was detected in the Method blank (R2600843-MB). Affected data flagged accordingly.**
BLM-6-488	**1/5/2026**	**For Total Metals, multiple analyte results in sample 2601051129A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	Miscellaneous QA Narratives
BLM-6-488	1/5/2026	For SW-846 Method 8015C, the Method Blank contained a low level of one or more analytes at concentrations above theMethod Detection Limit (MDL), but lower than the Method Reporting Limit (MRL). Since there were no detections of the analyte(s)in the associated field samples above the MRL, the data quality was not significantly affected and no further corrective action was taken.

Well ID	Event Date	Miscellaneous QA Narratives
BLM-6-488	**1/5/2026**	**For SW-846 Method 8015C, one or more samples were received within the recommended holding time, but due to a laboratory error, one or more samples were not analyzed within the recommended holding time. The customer was notified when the discrepancy was found and instructed the laboratory to proceed with processing. The analysis was performed as soon as possible after the error was discovered. The data is flagged to indicate the holding time exceedance.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8015C, Gasoline Range Organics as C6-C10 Commercial Fuel (34 ug/L) was detected in the method blank for analytical batch 908899 below the reporting limit. Affected data are appropriately qualified.**
BLM-6-488	1/5/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
JP-3-509	1/5/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
JP-3-689	1/5/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
PL-6-1195	1/5/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
400-A-151	**1/6/2026**	**For SW-846 Method 6850, analysis of sample 2601061026C was performed outside of the analytical holding time.**
400-A-151	1/6/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
BLM-10-517	**1/6/2026**	**For SW-846 Method 6850, analysis of sample 2601061026C was performed outside of the analytical holding time.**
BLM-10-517	1/6/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
BLM-15-305	1/6/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
BLM-17-550	1/6/2026	For Total Metals and Inorganics, due to Laboratory error, sample IDs for batch R2600164 were recorded using the preface "2610", the correct preface is "2601". The database was corrected to match the field logbook, chain of custody and laboratory report. No further action taken.
PL-6-1335	**1/6/2026**	**For SW-846 Method 6850, the area count for the Internal standard was outside of acceptance limits for the following samples: 2601070952Y PL-6-1335 (480-235774-1). The following action was taken: The samples were re-analyzed within the required holding time and the area count for the internal standard was again outside of acceptance limits. The values here are from the initial injection of the samples.**
PL-6-1335	**1/6/2026**	**For Anions, matrix spike and matrix spike duplucate recoveries in R2600320-002 was below the acceptance limit (90-110%) for Sulfate (84% and 83%). Field samples with detections are flagged accordingly.**
PL-6-915	**1/7/2026**	**For SW-846 Method 6850, the area count for the Internal standard was outside of acceptance limits for the following samples: 2601081400Y PL-6-915 (480-235808-1). The following action was taken: The samples were re-analyzed within the required holding**

Well ID	Event Date	Miscellaneous QA Narratives
		time and the area count for the internal standard was again outside of acceptance limits. The values here are from the initial injection of the samples.
300-F-175	**1/13/2026**	**For SW-846 Method 6850, the area count for the Internal standard was outside of acceptance limits for the following samples: 2601131011C 300-F-175 (480-235888-1). The following action was taken: The samples were re-analyzed within the required holding time and the area count for the internal standard was again outside of acceptance limits. The values here are from the initial injection of the sample.**
300-F-175	**1/13/2026**	**For SW-846 Method 6850, Perchlorate (0.16 ug/L) result was estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
600A-003-GW	**1/15/2026**	**For SW-846 Method 6850, analysis of sample 2601061026C was performed outside of the analytical holding time.**
BLM-6-488	1/5/2026	For SW-846 Method 8015C, the Method Blank contained a low level of one or more analytes at concentrations above theMethod Detection Limit (MDL), but lower than the Method Reporting Limit (MRL). Since there were no detections of the analyte(s)in the associated field samples above the MRL, the data quality was not significantly affected and no further corrective action was taken.
BLM-6-488	**1/5/2026**	**For SW-846 Method 8015C, one or more samples were received within the recommended holding time, but due to a laboratory error, one or more samples were not analyzed within the recommended holding time. The customer was notified when the discrepancy was found and instructed the laboratory to proceed with processing. The analysis was performed as soon as possible after the error was discovered. The data is flagged to indicate the holding time exceedance.**
BLM-6-488	**1/5/2026**	**For SW-846 Method 8015C, Gasoline Range Organics as C6-C10 Commercial Fuel (34 ug/L) was detected in the method blank for analytical batch 908899 below the reporting limit. Affected data are appropriately qualified.**

Well ID	Event Date	Groundwater Paramerter QA Narratives
BLM-6-488	05-Jan-26	PPE used/required: nitrile gloves, steel toed shoes, and safety sunglasses.
PL-1-486	05-Jan-26	PPE used/required: nitrile gloves, steel toed shoes, and safety sunglasses. Purge volume delined rapidly after approx 1/2 gallon. Water level may be drawing down below the pump.
PL-6-1195	05-Jan-26	DTW - N/A. Probe sticking to cassing.
BLM-15-305	06-Jan-26	PPE used/required: nitrile gloves, steel toed shoes, and safety sunglasses.
BLM-17-550	06-Jan-26	PPE used/required: steel toed shoes, nitrile gloves, and safety sunglasses.
PL-6-1335	06-Jan-26	DTW - N/A. Probe sticking to casing.
PL-6-915	07-Jan-26	DTW - N/A. Probe sticking to casing
BLM-18-430	08-Jan-26	PPE used/required: nitrile gloves, steel toed shoes, and safety sunglasses.
PL-6-545	12-Jan-26	PPE used: hard hat, nitrile gloves, safety glasses, and boots.
PL-6-725	12-Jan-26	PPE used: hard hat, nitrile gloves, safety glasses, and boots.
PL-10-592	13-Jan-26	Note: On 1/13/2026 generator ran out of gas before parameter run.
PL-10-592	13-Jan-26	PPE used: hard hat, nitrile gloves, safety glasses, and boots. Generator in use.
JER-2-504	14-Jan-26	PPE used/required: steel toed shoes, nitrile gloves, and safety sunglasses.
JER-2-584	14-Jan-26	PPE used/required: steel toed shoes, nitrile gloves, and safety sunglasses.
JER-2-684	14-Jan-26	PPE used/required: steel toed shoes, nitrile gloves, and safety sunglasses.
600A-003-GW	15-Jan-26	Well went close to dry after bailing approx 2 gallons. Crew allowed well to recover for about 3 hours and then collected samples.
PL-10-484	15-Jan-26	PPE used: hard hat, nitrile gloves, safety glasses, and boots. Generator in use.

Table 8 – WSTF Blank Sample Detections

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
PL-11-470	01-Dec-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	0.86	ug/L	J TIC RB FB
PL-11-470	01-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.37	ug/L	J TIC FB
PL-11-530	01-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.2	ug/L	J TIC FB
WW-3-469	01-Dec-25	Carboy G2	8260_LL	VOA-EB	7446-09-5	Sulfur Dioxide	1.5	ug/L	J TIC RB EB
WW-3-469	01-Dec-25	Carboy G2	8260_LL	VOA-EB	64-19-7	Acetic Acid	0.38	ug/L	J TIC EB
WW-3-569	01-Dec-25	Carboy G2	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	1.39	ng/L	EB
WW-3-569	01-Dec-25	Carboy G2	8260_LL	VOA-TB	64-19-7	Acetic Acid	0.38	ug/L	J TIC TB
PL-8-605	02-Dec-25	Carboy G2	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	1.33	ng/L	EB
PL-8-455	03-Dec-25	Carboy G2	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	24	ug/L	J TIC RB TB EB
PL-8-455	03-Dec-25	Carboy G2	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	21	ug/L	J TIC RB TB EB
PL-8-455	03-Dec-25	Carboy G2	8260_LL	VOA-TB	625-45-6	Acetic acid, methoxy-	0.9	ug/L	J TIC TB
ST-6-528	03-Dec-25	Carboy G1	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.66	ug/L	J TIC RB FB
ST-6-568	03-Dec-25	Carboy G1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	23	ug/L	J TIC RB FB
ST-6-568	03-Dec-25	Carboy G1	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.82	ug/L	J TIC RB FB
200-G-420	04-Dec-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB EB
200-G-420	04-Dec-25	Carboy G2	8260	VOA-EB	7446-09-5	Sulfur Dioxide	3.8	ug/L	J TIC EB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	30	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-FB	13881-91-9	Aminomethanesulfonic acid	1.7	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-TB	13881-91-9	Aminomethanesulfonic acid	1.5	ug/L	J TIC RB TB FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-FB	595-98-2	Methyltartronic acid	0.68	ug/L	J TIC FB
ST-4-589	04-Dec-25	Carboy G2	8260_LL	VOA-TB	64-19-7	Acetic Acid	0.49	ug/L	J TIC TB
ST-4-690	04-Dec-25	Carboy G2	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	37	ug/L	J TIC RB FB
ST-4-690	04-Dec-25	Carboy G2	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.7	ug/L	J TIC FB
ST-4-690	04-Dec-25	Carboy G2	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.95	ug/L	J TIC FB
ST-6-678	04-Dec-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	31	ug/L	J TIC RB FB
ST-6-678	04-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.76	ug/L	J TIC FB
ST-6-824	04-Dec-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	34	ug/L	J TIC RB FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
ST-6-824	04-Dec-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.7	ug/L	J TIC FB
ST-6-824	04-Dec-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.73	ug/L	J TIC FB
ST-6-970	04-Dec-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	37	ug/L	J TIC RB FB
ST-6-970	04-Dec-25	Carboy G3	8260_LL	VOA-FB	7446-09-5	Sulfur Dioxide	1.8	ug/L	J TIC FB
ST-6-970	04-Dec-25	Carboy G3	8260_LL	VOA-FB	595-98-2	Methyltartronic acid	0.66	ug/L	J TIC FB
200-G-220	05-Dec-25	Carboy G2	8260	VOA-EB	124-38-9	Carbon Dioxide	33	ug/L	J TIC RB EB

Appendix D
Comparison to Cleanup Levels

Appendix D.1: Groundwater Monitoring Wells
Appendix D.2: PFTS
Appendix D.3: MPITS

Appendix D.1
Groundwater Monitoring Wells

Analytical Results for Groundwater Monitoring Wells that Exceed Clean Up Levels

CAS Number 62-75-9 **Analyte N-Nitrosodimethylamine**

Cleanup Level 0.00491 ug/L **Source GMP**

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
100-F-358	1/12/2026	NDMA_LL	2601121009C	N-Nitrosodimethylamine	5.32	ng/L	0.49	0.35		
400-A-151	1/6/2026	607	2601061016C	N-Nitrosodimethylamine	5.69	µg/L	0.03	0.015	44	D
400-C-143	11/10/2025	607	2511100953C	N-Nitrosodimethylamine	4.76	µg/L	0.01	0.0051	54	
400-C-143	11/10/2025	8270	2511100957C	N-Nitrosodimethylamine	3.2	ug/L	10	1.0		J
600C-005-G	1/12/2026	NDMA_LL	2601121322C	N-Nitrosodimethylamine	5.69	ng/L	0.47	0.34		*
600C-005-G	1/12/2026	NDMA_LL	2601121323C	N-Nitrosodimethylamine	6.99	ng/L	0.47	0.34		*
BLM-15-305	1/6/2026	607	2601061337A	N-Nitrosodimethylamine	7.43	µg/L	0.03	0.015	44	D
BLM-17-550	1/6/2026	607	2601060949A	N-Nitrosodimethylamine	0.33	µg/L	0.01	0.005	44	
BLM-17-550	1/6/2026	607	2601060948A	N-Nitrosodimethylamine	0.32	µg/L	0.01	0.005	44	
BLM-18-430	1/8/2026	607	2601081343C	N-Nitrosodimethylamine	0.009	µg/L	0.01	0.005	45	J
BLM-26-404	11/3/2025	607	2511031353A	N-Nitrosodimethylamine	0.16	µg/L	0.01	0.005	95	
BLM-27-270	12/10/2025	607	2512101433A	N-Nitrosodimethylamine	2.12	µg/L	0.01	0.005	26	
BLM-27-270	12/10/2025	607	2512101434A	N-Nitrosodimethylamine	1.68	µg/L	0.01	0.005	26	
BLM-32-571	11/3/2025	NDMA_LL	2511031240B	N-Nitrosodimethylamine	5.05	ng/L	0.5	0.36		
BLM-36-350	11/4/2025	607	2511041432Y	N-Nitrosodimethylamine	0.54	µg/L	0.01	0.005	95	
BW-5-295	11/12/2025	607	2511121343C	N-Nitrosodimethylamine	0.54	µg/L	0.01	0.005	51	
BW-5-295	11/12/2025	607	2511121344C	N-Nitrosodimethylamine	0.4	µg/L	0.01	0.005	51	
BW-7-211	12/10/2025	607	2512100942A	N-Nitrosodimethylamine	0.98	µg/L	0.01	0.0051	26	
NASA 6	11/10/2025	607	2511101037A	N-Nitrosodimethylamine	14.13	µg/L	0.15	0.077	54	D
NASA 6	11/10/2025	607	2511101038A	N-Nitrosodimethylamine	13.32	µg/L	0.16	0.08	54	D
PL-2-504	12/10/2025	NDMA_LL	2512101422C	N-Nitrosodimethylamine	68.71	ng/L	2	1.4		D
PL-2-504	12/10/2025	NDMA_LL	2512101424C	N-Nitrosodimethylamine	67.44	ng/L	1.9	1.4		D
PL-2-504	12/10/2025	607	2512101419C	N-Nitrosodimethylamine	0.01	µg/L	0.01	0.005	26	
ST-1-473	12/8/2025	607	2512081402A	N-Nitrosodimethylamine	0.18	µg/L	0.01	0.005	57	
ST-1-541	11/13/2025	607	2511130947A	N-Nitrosodimethylamine	1.82	µg/L	0.01	0.005	51	
ST-1-630	11/13/2025	607	2511131003C	N-Nitrosodimethylamine	0.25	µg/L	0.01	0.005	51	
ST-1-630	11/13/2025	607	2511131004C	N-Nitrosodimethylamine	0.2	µg/L	0.01	0.005	51	
ST-3-666	12/9/2025	607	2512091418C	N-Nitrosodimethylamine	0.006	µg/L	0.01	0.005	57	J
ST-3-666	12/9/2025	607	2512091415C	N-Nitrosodimethylamine	0.007	µg/L	0.01	0.005	57	J
ST-3-735	12/9/2025	607	2512091020C	N-Nitrosodimethylamine	0.16	µg/L	0.01	0.005	57	
WW-1-452	12/11/2025	NDMA_LL	2512111019A	N-Nitrosodimethylamine	5.68	ng/L	0.48	0.35		
WW-5-909	1/13/2026	NDMA_LL	2601131217B	N-Nitrosodimethylamine	7.74	ng/L	0.48	0.35		

CAS Number 127-18-4 **Analyte** Tetrachloroethene (PCE)

Cleanup Level 5 ug/L **Source** GMP

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
ST-1-541	11/13/2025	8260	2511130945A	Tetrachloroethene (PCE)	6.3	ug/L	1.0	0.21		
ST-1-630	11/13/2025	8260	2511131001C	Tetrachloroethene (PCE)	12	ug/L	1.0	0.21		

CAS Number 79-01-6 **Analyte** Trichloroethene (TCE)

Cleanup Level 5 ug/L **Source** GMP

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
200-I-300	11/12/2025	8260	2511121315Y	Trichloroethene (TCE)	27	ug/L	1.0	0.20		
600-G-138	1/13/2026	8260	2601131305C	Trichloroethene (TCE)	35	ug/L	1.0	0.20		
600-G-138	1/13/2026	8260	2601131307C	Trichloroethene (TCE)	33	ug/L	1.0	0.20		
BLM-15-305	1/6/2026	8260	2601061335A	Trichloroethene (TCE)	6.7	ug/L	1.0	0.20		
BLM-17-550	1/6/2026	8260	2601060946A	Trichloroethene (TCE)	83	ug/L	1.0	0.20		
BLM-18-430	1/8/2026	8260	2601081341C	Trichloroethene (TCE)	15	ug/L	1.0	0.20		
BLM-26-404	11/3/2025	8260	2511031351A	Trichloroethene (TCE)	23	ug/L	1.0	0.20		
BLM-3-182	11/10/2025	8260	2511101401C	Trichloroethene (TCE)	12	ug/L	1.0	0.20		
BLM-36-350	11/4/2025	8260	2511041431Y	Trichloroethene (TCE)	48	ug/L	1.0	0.20		
BLM-36-350	11/4/2025	8260	2511041430Y	Trichloroethene (TCE)	38	ug/L	1.0	0.20		
PL-12-570	11/11/2025	8260	2511110911C	Trichloroethene (TCE)	6.1	ug/L	1.0	0.20		
PL-12-800	11/11/2025	8260	2511111336C	Trichloroethene (TCE)	6.1	ug/L	1.0	0.20		
PL-12-800	11/11/2025	8260	2511111337C	Trichloroethene (TCE)	5.8	ug/L	1.0	0.20		
PL-2-504	12/10/2025	8260	2512101415C	Trichloroethene (TCE)	27	ug/L	1.0	0.20		
ST-1-473	12/8/2025	8260	2512081400A	Trichloroethene (TCE)	55	ug/L	1.0	0.20		
ST-1-541	11/13/2025	8260	2511130945A	Trichloroethene (TCE)	140	ug/L	1.0	0.20		
ST-1-630	11/13/2025	8260	2511131001C	Trichloroethene (TCE)	310	ug/L	1.0	0.20		G
ST-3-735	12/9/2025	8260	2512091017C	Trichloroethene (TCE)	15	ug/L	1.0	0.20		

Appendix D.2
PFTS

Analytical Results for PFTS and PFE Wells that Exceed Clean Up Levels

CAS Number 62-75-9 **Analyte N-Nitrosodimethylamine**

Cleanup Level 0.00491 ug/L **Source GMP**

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
B650-INF-1	11/7/2025	607	2511070808	N-Nitrosodimethylamine	0.06	µg/L	0.01	0.0051	100	
B650-INF-1	1/16/2026	607	2601160749	N-Nitrosodimethylamine	0.05	µg/L	0.01	0.0052	42	
PFE-1	1/19/2026	607	2601190703	N-Nitrosodimethylamine	0.05	µg/L	0.01	0.005	42	
PFE-2	1/15/2026	607	2601150903	N-Nitrosodimethylamine	0.1	µg/L	0.01	0.005	42	
PFE-2	1/15/2026	607	2601150902	N-Nitrosodimethylamine	0.11	µg/L	0.01	0.0051	42	
PFE-3	1/15/2026	607	2601150950	N-Nitrosodimethylamine	0.05	µg/L	0.01	0.0051	42	
PFE-4A	1/15/2026	NDMA_LL	2601150921	N-Nitrosodimethylamine	18.57	ng/L	0.48	0.35		
PFE-5	1/19/2026	607	2601190718	N-Nitrosodimethylamine	0.18	µg/L	0.01	0.0051	42	

CAS Number 79-01-6 **Analyte Trichloroethene (TCE)**

Cleanup Level 5 ug/L **Source GMP**

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
B650-INF-1	11/7/2025	8260	2511070806	Trichloroethene (TCE)	18	ug/L	1.0	0.20		
B650-INF-1	12/16/2025	8260	2512161452	Trichloroethene (TCE)	6	ug/L	1.0	0.20		
B650-INF-1	1/16/2026	8260	2601160747	Trichloroethene (TCE)	18	ug/L	1.0	0.20		
B650-INF-1	11/7/2025	8260	2511070805	Trichloroethene (TCE)	17	ug/L	1.0	0.20		
PFE-1	1/19/2026	8260	2601190701	Trichloroethene (TCE)	6.4	ug/L	1.0	0.20		
PFE-2	1/15/2026	8260	2601150900	Trichloroethene (TCE)	73	ug/L	1.0	0.20		
PFE-3	1/15/2026	8260	2601150948	Trichloroethene (TCE)	29	ug/L	1.0	0.20		
PFE-5	1/19/2026	8260	2601190716	Trichloroethene (TCE)	43	ug/L	1.0	0.20		
PFE-7	1/19/2026	8260	2601190737	Trichloroethene (TCE)	5.1	ug/L	1.0	0.20		

Appendix D.3
MPITS

Analytical Results for MPITS and MPE Wells that Exceed Clean Up Levels

CAS Number 62-75-9 **Analyte** N-Nitrosodimethylamine

Clean Up Level 0.00491 ug/L **Source** GMP

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
B655-INF-2	1/16/2026	607	2601160554	N-Nitrosodimethylamine	1.38	µg/L	0.01	0.005	42	
B655-INF-2	11/7/2025	607	2511070557	N-Nitrosodimethylamine	2.03	µg/L	0.01	0.005	100	
B655-INF-2	12/5/2025	607	2512050605	N-Nitrosodimethylamine	1.54	µg/L	0.01	0.005	51	
MPE-1	11/11/2025	607	2511110803	N-Nitrosodimethylamine	4.48	µg/L	0.01	0.0052	54	
MPE-10	11/11/2025	607	2511110947	N-Nitrosodimethylamine	3.08	µg/L	0.01	0.0051	54	
MPE-11	11/11/2025	607	2511110827	N-Nitrosodimethylamine	0.21	µg/L	0.01	0.0051	54	
MPE-3	11/11/2025	607	2511110854	N-Nitrosodimethylamine	2.99	µg/L	0.01	0.0051	54	
MPE-3	11/11/2025	607	2511110853	N-Nitrosodimethylamine	2.97	µg/L	0.01	0.0051	54	
MPE-4	11/11/2025	607	2511110908	N-Nitrosodimethylamine	1.35	µg/L	0.01	0.005	54	
MPE-9	11/11/2025	607	2511110932	N-Nitrosodimethylamine	3.1	µg/L	0.01	0.005	54	

CAS Number 79-01-6 **Analyte Trichloroethene (TCE)**

Clean Up Level 5 ug/L **Source GMP**

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
B655-INF-2	1/16/2026	8260	2601160552	Trichloroethene (TCE)	59	ug/L	1.0	0.20		
B655-INF-2	11/7/2025	8260	2511070555	Trichloroethene (TCE)	47	ug/L	1.0	0.20		
B655-INF-2	12/5/2025	8260	2512050603	Trichloroethene (TCE)	44	ug/L	5.0	1.0		D
B655-INF-2	1/16/2026	8260	2601160551	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
MPE-1	11/11/2025	8260	2511110801	Trichloroethene (TCE)	78	ug/L	1.0	0.20		
MPE-10	11/11/2025	8260	2511110945	Trichloroethene (TCE)	56	ug/L	1.0	0.20		
MPE-11	11/11/2025	8260	2511110825	Trichloroethene (TCE)	8	ug/L	1.0	0.20		
MPE-4	11/11/2025	8260	2511110906	Trichloroethene (TCE)	69	ug/L	1.0	0.20		
MPE-4	11/11/2025	8260	2511110905	Trichloroethene (TCE)	72	ug/L	1.0	0.20		
MPE-9	11/11/2025	8260	2511110930	Trichloroethene (TCE)	91	ug/L	5.0	1.0		D

Appendix E
Time-Concentration Plots

Concentration trends for four of the primary WSTF COCs (Freon 11, TCE, PCE, and NDMA)

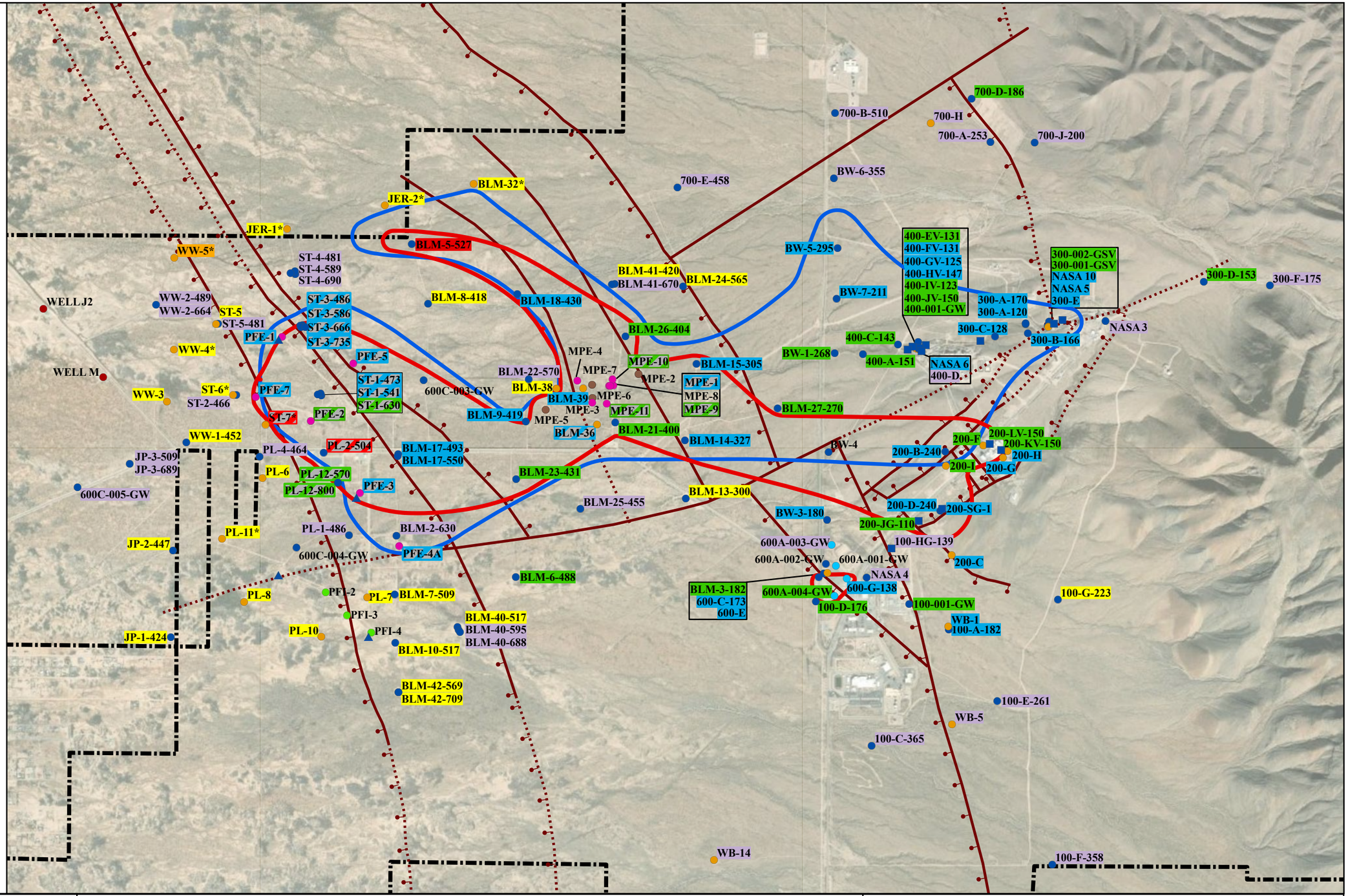
Interpretation Key

- Non-Detect All Primary COCs
- Low-Level NDMA Detections (Detection Limit to <4.9 ng/L) and Non-Detect for Other Primary COCs
- Fluctuating Low-Level NDMA Detections (≥4.9 ng/L) and Non-Detect for Other Primary COCs
- Natural Migration: No Overall Trend of One or More Primary COCs
- Natural Migration: Decreasing Trend of One or More Primary COCs
- Natural Migration: Increasing Trend of One or More Primary COCs
- Pumping-Related Migration: No Overall Trend of One or More Primary COCs
- Pumping-Related Migration: Decreasing Trend of One or More Primary COCs
- Pumping-Related Migration: Increasing Trend of One or More Primary COCs

No Color Indicates a Well with Insufficient Data for a Trend OR a water production well

Note: The identification of a trend for COC concentrations within a specific well is based on the evaluation of analytical data collected over a minimum of four sampling events (data points) to provide adequate data for statistical analyses. Each T-C trend evaluation emphasizes the most recent analytical results, which may supersede earlier trends that may have been evident following initial well installation

See Report Section 6.3 for more information
See Appendix E for Time-Concentration plots and Table Interpretations.



1:29,000

0 1,250 2,500 5,000 Feet

N W E S

April 2026

Well Type

- Conventional Monitoring Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport Monitoring Well
- Perched Monitoring Well
- Piezometer
- Production Well
- MSVGM Well

* Multiport well with FLUTe sampling system.

Other

- NDMA Cleanup Level (4.9 ng/L)
- TCE Cleanup Level (5.0 ug/L)
- Fault, Uncertain
- Fault
- WSTF Boundary

Time Concentration Plot Interpretations for First Quarter 2026

NASA Johnson Space Center
White Sands Test Facility Las Cruces, New Mexico

Coordinate System:
NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet

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Appendix E:

Reporting Period: 1Q/2026

Summary of Maximum Concentrations, Current Concentrations and T-C Plot Interpretations for WSTF Monitoring Well Network

Upgradient Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
100-F-358 Conv	2005	Non Detect	0.48 DL	2010	0.24 DL	2026	0.43 DL	2010	0.21 DL	2026	0.63 DL	2010	0.2 DL	2026	0.005 DL	NP	2026	0.005 DL	NP	2026	0.40 A J	2025	0.35 DL	2026
100-G-223 Conv	2005	Low-Level NDMA (<4.9 ng/L)	0.48 DL	2010	0.24 DL	2026	0.43 DL	2010	0.21 DL	2026	0.63 DL	2010	0.2 DL	2026	0.005 DL	NP	2026	0.005 DL	NP	2026	1.13 A K RB FB	2026	1.13 A K RB FB	2026
300-F-175 Conv	2005	Non Detect	0.48 DL	2010	0.24 DL	2026	0.43 DL	2010	0.21 DL	2026	0.63 DL	2010	0.2 DL	2026	0.005 DL	NP	2026	0.005 DL	NP	2026	0.34 DL	2025	0.34 DL	2026
NASA 3 Conv	1988	Non Detect	5.00 RL	1988	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	0.34 DL	2025	0.34 DL	2025

100/600 Area Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
100-001-GW Conv	2024	Natural Migration (No Overall Trend)	49	2025	47	2025	0.21 DL	2025	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.005 DL	NP	2025	0.005 DL	NP	2025	N/A		N/A	
100-A-182 Conv	1989	Natural Migration (Decreasing)	5.00	1995	1.90	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
100-D-176 Conv	1997	Natural Migration (No Overall Trend)	1.60 DL	2003	0.24 DL	2025	2.00 DL	1999	0.21 DL	2025	9.60	1999	3.70	2025	0.05 RL	NP	1997	0.005 DL	NP	2025	N/A		N/A	
100-HG-139 MSVGM	2011	Non Detect	0.79 J	2011	0.24 DL	2025	0.33 J	2015	0.21 DL	2025	10	2014	0.2 DL	2025	0.005 DL	NP	2020	0.004 DL	NP	2025	0.93 RB FB	2012	0.93 RB FB	2012
600A-001-GW Conv	2024	Pending Sufficient Dataset	0		0		0		0		0		0		0			0.004 DL	49	2025	N/A		N/A	
600A-002-GW Conv	2022	Pending Sufficient Dataset	0		0		0		0		0		0		0			0			N/A		N/A	
600A-003-GW Conv	2024	Non Detect	0.24 DL	2025	0.24 DL	2025	0.21 DL	2023	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.004 DL	NP	2025	0.004 DL	47	2025	N/A		N/A	

Appendix E: Summary of Maximum Concentrations, Current Concentrations and T-C Plot Interpretations for WSTF Monitoring Well Network

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
600A-004-GW Conv	2025	Natural Migration (No Overall Trend)	0.31 J	2025	0.31 J	2025	0.21 DL	2025	0.21 DL	2025	28	2025	25	2025	0.005 DL	NP	2025	0.005 DL	NP	2025	N/A		N/A	
600-C-173 Conv	1988	Natural Migration (Decreasing)	5.00 RL	1988	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	9.00	1998	1.40	2025	0.1	NP	1988	0.004 DL	NP	2025	N/A		N/A	
600-E WestBay	1998	Natural Migration (Decreasing)	1.60 DL	2002	0.24 DL	2025	2.00 DL	1999	0.21 DL	2025	2.00 DL	1999	0.29 J	2025	0.005 DL	NP	2016	0.004 DL	NP	2025	N/A		N/A	
600-G-138 Conv	2011	Natural Migration (Decreasing)	5.10	2017	0.3 J	2026	0.3 DL	2018	0.21 DL	2026	130	2012	35	2026	0.1 DL	NP	2021	0.004 DL	NP	2025	0.96 RB FB	2012	0.96 RB FB	2012
BLM-3-182 Conv	1988	Natural Migration (No Overall Trend)	10	1988	0.58 J A	2025	2.50 RL	1995	0.21 DL	2025	41	1991	12	2025	0.05 RL	NP	1997	0.005 DL	NP	2025	N/A		N/A	
BW-3-180 Conv	1988	Natural Migration (Decreasing)	10	1988	0.33 J	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
NASA 4 Conv	1988	Non Detect	5.00 RL	1988	0.24 DL	2025	2.50 RL	1995	0.21 DL	2025	3.50	2009	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
WB-1 WestBay	1990	Natural Migration (Decreasing)	15	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.22 J	2025	0.05 RL	NP	1993	0.004 DL	NP	2025	N/A		N/A	

200 Area Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
200-B-240 Conv	1989	Natural Migration (Decreasing)	280	1996	54	2025	15 QD	1989	1.40	2025	290 QD	1989	40	2025	1.60	25	1993	0.21	61	2025	N/A		N/A	
200-C WestBay	1993	Natural Migration (Decreasing)	51	1996	11	2025	2.50 RL	1996	0.24 J	2025	4.30	2003	1.60	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
200-D-240 Conv	1988	Natural Migration (Decreasing)	240 QD	1995	51	2025	2.50 RL	1995	0.33 J	2025	110	1990	14	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
200-F WestBay	1995	Natural Migration (No Overall Trend)	41	2005	1.80	2025	2.50 RL	1996	0.33 J	2025	34	2009	21	2025	0.41 J A	1	2021	0.004 DL	NP	2025	N/A		N/A	
200-G WestBay	1995	Natural Migration (Decreasing)	55	1995	4.90	2025	2.50 RL	1996	0.21 DL	2025	4.80	2004	1.60	2025	0.05 RL	NP	1997	0.005 DL	NP	2025	N/A		N/A	

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
200-H WestBay	1994	Natural Migration (Decreasing)	6.00	2003	0.82 J	2025	2.50 RL	1996	0.21 DL	2025	3.00 J	1997	0.2 DL	2025	0.05 RL	NP	1997	0.005 DL	NP	2025	N/A		N/A	
200-I WestBay	1997	Natural Migration (No Overall Trend)	2.40 J	1999	0.24 DL	2025	2.00 DL	1999	0.53 J	2025	35	2019	27	2025	0.042	47	2024	0.005 DL	NP	2025	N/A		N/A	
200-JG-110 MSVGM	2012	Natural Migration (No Overall Trend)	17	2013	5.80	2025	2.20	2020	1.90	2025	25	2013	23	2025	0.005 DL	NP	2012	0.004 DL	NP	2025	0.93 J	2012	0.93 J	2012
200-KV-150 MSVGM	2015	Natural Migration (No Overall Trend)	90	2020	39	2025	0.3 DL	2015	0.21 DL	2025	22	2020	12	2025	0.005 DL	NP	2020	0.004 DL	NP	2025	N/A		N/A	
200-LV-150 Conv	2018	Natural Migration (No Overall Trend)	0.27 DL	2018	0.24 DL	2025	0.3 DL	2018	0.21 DL	2025	0.89 J Q	2018	0.3 J	2025	0.005 DL	NP	2025	0.005 DL	NP	2025	N/A		N/A	
200-SG-1 MSVGM	2004	Natural Migration (Decreasing)	81	2008	11	2025	17	2007	3.70	2025	380	2007	100	2025	0.016 J	44	2008	0.004 DL	NP	2025	N/A		N/A	

300/400 Area Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
300-001-GSV MSVGM	2024	Natural Migration (No Overall Trend)	77	2024	48 A	2025	0.21 DL	2025	0.21 DL	2025	0.3 J	2024	0.2 DL	2025	41 D	48	2024	20 D	51	2025	N/A		N/A	
300-002-GSV MSVGM	2024	Natural Migration (No Overall Trend)	65	2025	65	2025	0.21 DL	2025	0.21 DL	2025	0.58 J	2025	0.58 J	2025	0.57	44	2025	0.54	50	2025	N/A		N/A	
300-A-120 Conv	1988	Natural Migration (Decreasing)	4300 FB	1996	92	2025	2.50 RL	1996	0.21 DL	2025	2.50	2004	0.25 J	2025	46	24	1990	1.50	65	2025	N/A		N/A	
300-A-170 Conv	1988	Natural Migration (Decreasing)	6000	1988	180 D	2025	2.50 RL	1996	0.21 DL	2025	7.00	1988	0.86 J	2025	48 QD	21	1995	2.30	41	2025	N/A		N/A	
300-B-166 Conv	1988	Natural Migration (Decreasing)	1600	1988	49	2025	2.50 RL	1996	0.21 DL	2025	8.00	1988	0.2 DL	2025	14	39	1991	6.10	33	2025	N/A		N/A	
300-C-128 Conv	1988	Natural Migration (Decreasing)	3000	1988	260 D	2025	2.50 RL	1996	0.21 DL	2025	3.70 J	1996	1.90	2025	47	32	2000	3.90	69	2025	N/A		N/A	

Appendix E: Summary of Maximum Concentrations, Current Concentrations and T-C Plot Interpretations for WSTF Monitoring Well Network

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
300-D-153 Conv	1988	Natural Migration (No Overall Trend)	6.60	2024	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
300-E WestBay	1995	Natural Migration (Decreasing)	180	1996	14	2025	2.50 RL	1996	0.21 DL	2025	9.30	1997	0.96 J	2025	49 A	1	2021	1.30	39	2025	N/A		N/A	
400-001-GW Conv	2024	Natural Migration (No Overall Trend)	190	2024	150	2025	0.21 DL	2025	0.21 DL	2025	0.86 J	2024	0.85 J	2025	6.10	41	2025	4.90	54	2025	N/A		N/A	
400-A-151 Conv	1989	Natural Migration (No Overall Trend)	450	1990	180	2026	2.50 RL	1996	0.21 DL	2026	2.50 RL	1996	0.6	2026	280	18	1991	13 D	44	2026	N/A		N/A	
400-C-143 Conv	1989	Natural Migration (No Overall Trend)	1600	1989	220 G A	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	1.20	2025	93	15	1989	8.80	54	2025	N/A		N/A	
400-D WestBay	1995	Non Detect	3.30 J EB	1996	0.24 DL	2025	3.50 J	1998	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.29	34	1996	0.004 DL	NP	2025	N/A		N/A	
400-EV-131 MSVGM	2017	Natural Migration (No Overall Trend)	520	2017	290 D	2025	0.3 DL	2018	0.21 DL	2025	13	2017	1.30	2025	3.30	46	2020	0.9	52	2025	N/A		N/A	
400-FV-131 MSVGM	2017	Natural Migration (Decreasing)	290	2021	8.00	2025	0.3 DL	2018	0.21 DL	2025	1.90	2021	0.2 DL	2025	3.30	60	2020	0.54	69	2025	N/A		N/A	
400-GV-125 MSVGM	2017	Natural Migration (Decreasing)	320	2021	25 A	2025	0.3 DL	2018	0.21 DL	2025	1.80	2022	0.2 DL	2025	5.70	44	2021	0.38	56	2025	N/A		N/A	
400-HV-147 MSVGM	2017	Natural Migration (Decreasing)	240	2021	83 Q	2025	0.3 DL	2018	0.21 DL	2025	2.00	2017	0.26 J	2025	320 D	53	2021	210 D	89	2025	N/A		N/A	
400-IV-123 MSVGM	2017	Natural Migration (No Overall Trend)	430	2017	130	2025	0.93 J	2018	0.21 DL	2025	0.29 J	2021	0.2 DL	2025	0.041	87	2017	0.005 DL	NP	2025	N/A		N/A	
400-JV-150 MSVGM	2017	Natural Migration (No Overall Trend)	970	2021	710 A D	2025	0.3 DL	2018	0.21 DL	2025	1.50	2017	0.76 J	2025	5.90	44	2021	3.20	56	2025	N/A		N/A	
BW-1-268 Conv	1989	Natural Migration (No Overall Trend)	1100	1989	76	2025	2.50 RL	1996	0.21 DL	2025	5.00	1989	0.52 J	2025	130	18	1991	6.30	65	2025	N/A		N/A	
BW-5-295 Conv	1989	Natural Migration (Decreasing)	360	1989	82	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.49 J	2025	1.90	49	1997	1.10	51	2025	N/A		N/A	

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
BW-7-211 Conv	1989	Natural Migration (Decreasing)	2400	1991	150	2025	2.50 RL	1995	0.21 DL	2025	13	1989	1.50	2025	17	34	1994	3.80	26	2025	N/A		N/A	
NASA 10 Conv	1988	Natural Migration (Decreasing)	250	1996	9.90	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	4.70	19	1996	0.037	79	2025	N/A		N/A	
NASA 5 Conv	1988	Natural Migration (Decreasing)	350	1991	22	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	13	19	1996	0.29	79	2025	N/A		N/A	
NASA 6 Conv	1988	Natural Migration (Decreasing)	1300	1996	26 A	2025	2.50 RL	1996	0.21 DL	2025	5.00	1990	0.3 J	2025	95	21	1996	26 D	54	2025	N/A		N/A	

Northern Boundary Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
700-A-253 Conv	1990	Non Detect	2.50 RL	1996	0.2 DL	2025	2.50 RL	1996	0.2 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
700-B-510 Conv	1990	Non Detect	2.50 RL	1995	0.24 DL	2025	2.50 RL	1995	0.21 DL	2025	2.50 RL	1995	0.2 DL	2025	0.05 RL	NP	1997	0.005 DL	NP	2025	N/A		N/A	
700-D-186 Conv	1990	Natural Migration (No Overall Trend)	2.50 RL	1995	0.53 J	2025	2.50 RL	1995	0.2 DL	2025	2.50 RL	1995	0.33 J	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
700-E-458 Conv	1990	Non Detect	2.50 RL	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	N/A		N/A	
700-H WestBay	1999	Non Detect	1.60 DL	2003	0.2 DL	2025	0.62 DL	2004	0.2 DL	2025	1.90 RB TB EB	2021	0.2 DL	2025	0.005 DL	NP	2013	0.004 DL	NP	2025	N/A		N/A	
700-J-200 Conv	1999	Non Detect	1.60 DL	2003	0.2 DL	2025	0.62 DL	2004	0.2 DL	2025	3.70	2005	0.2 DL	2025	0.005 DL	NP	2017	0.004 DL	NP	2025	N/A		N/A	
BLM-24-565 Conv	1991	Low-Level NDMA (<4.9 ng/L)	2.50 RL	1995	0.24 DL	2025	2.50 RL	1995	0.21 DL	2025	2.50 RL	1995	0.2 DL	2025	0.05 RL	NP	1997	0.005 DL	NP	2025	1.03 RB FB	2025	1.03 RB FB	2025
BLM-32 WestBay	1997	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2002	0.24 DL	2025	2.00 DL	1999	0.21 DL	2025	2.00 DL	1999	0.2 DL	2025	0.016 J	36	2004	0.005 DL	NP	2025	21	2015	0.93	2025
BLM-41-420 Conv	2013	Low-Level NDMA (<4.9 ng/L)	0.27 DL	2018	0.24 DL	2025	0.3 DL	2013	0.21 DL	2025	1.00	2013	0.2 DL	2025	0.005 DL	NP	2015	0.005 DL	NP	2025	5.40	2017	0.41 A J	2025

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
BLM-41-670 Conv	2013	Non Detect	0.27 DL	2018	0.24 DL	2025	0.28 DL	2018	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.005 DL	NP	2013	0.005 DL	NP	2025	5.50 FB	2017	5.50 FB	2017
BW-6-355 Conv	1992	Non Detect	2.50 RL	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.32	37	2004	0.004 DL	NP	2025	N/A		N/A	
JER-1 WestBay	2004	Low-Level NDMA (<4.9 ng/L)	0.6 DL	2004	0.24 DL	2026	0.62 DL	2004	0.21 DL	2026	0.72	2011	0.2 DL	2026	0.014 J	41	2005	0.005 DL	NP	2025	360	2009	2.43 A RB FB	2026
JER-2 WestBay	2004	Low-Level NDMA (<4.9 ng/L)	0.6 DL	2004	0.24 DL	2026	0.62 DL	2004	0.21 DL	2026	0.63 DL	2010	0.2 DL	2026	0.016 J	43	2005	0.005 DL	NP	2025	290 QD	2006	3.04	2026

Southern Boundary Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
100-C-365 Conv	1989	Non Detect	1.00 DL	2010	0.24 DL	2025	1.00 DL	2010	0.21 DL	2025	1.00 DL	2010	0.2 DL	2025	0.05 RL	NP	1992	0.005 DL	NP	2025	N/A		N/A	
100-E-261 Conv	1989	Non Detect	2.50 RL	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1996	0.004 DL	NP	2025	N/A		N/A	
BLM-13-300 Conv	1988	Low-Level NDMA (<4.9 ng/L)	5.00 RL	1988	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	2.50 A K RB FB	2025	2.50 A K RB FB	2025
BLM-25-455 Conv	1991	Non Detect	2.50 RL	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	0.36 DL	2025	0.36 DL	2025
BLM-40-517 Conv	2013	Low-Level NDMA (<4.9 ng/L)	0.27 DL	2018	0.24 DL	2025	0.3 DL	2017	0.21 DL	2025	0.22 DL	2017	0.2 DL	2025	0.005 DL	NP	2023	0.004 DL	NP	2025	1.80	2023	1.80	2023
BLM-40-595 Conv	2013	Non Detect	0.27 DL	2018	0.24 DL	2025	0.28 DL	2018	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.005 DL	NP	2025	0.005 DL	NP	2025	0.67 FB	2014	0.35 DL	2025
BLM-40-688 Conv	2013	Non Detect	0.27 DL	2018	0.24 DL	2025	0.3 DL	2016	0.21 DL	2025	0.22 DL	2016	0.2 DL	2025	0.005 DL	NP	2025	0.005 DL	NP	2025	1.30 FB	2023	0.34 DL	2025
BLM-6-488 Conv	1990	Natural Migration (No Overall Trend)	3.10 J	1999	0.24 DL	2026	2.50 RL	1996	0.21 DL	2026	14	1999	1.40	2026	0.05 RL	NP	1997	0.005 DL	NP	2026	45 FB	2001	1.51	2026
WB-14 WestBay	1992	Non Detect	2.50 RL	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.22 J	2025	0.05 RL	NP	1993	0.004 DL	NP	2025	N/A		N/A	
WB-5 WestBay	1990	Non Detect	2.50 RL	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.05 RL	NP	1991	0.005 DL	NP	2025	N/A		N/A	

MPCA Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
BLM-14-327 Conv	1990	Natural Migration (Decreasing)	230	1995	81 D	2025	9.20	2002	2.20 D J	2025	180	1995	62 D	2025	1.20	18	2002	0.39	74	2025	N/A		N/A	
BLM-15-305 Conv	1989	Natural Migration (Decreasing)	770	1991	94	2026	2.50 RL	1996	0.39 J	2026	30	2023	6.70	2026	150 A	8	1989	17 D	44	2026	N/A		N/A	
BLM-18-430 Conv	1989	Natural Migration (Decreasing)	120 QD	2005	21 Q	2026	2.50 RL	1996	0.33 J	2026	58	2009	15	2026	0.15 QD	31	2009	0.02 J	45	2026	N/A		N/A	
BLM-21-400 Conv	1991	Natural Migration (No Overall Trend)	320	1996	110	2025	12	1995	4.40	2025	220	1991	74	2025	5.60	16	1995	0.52	50	2025	N/A		N/A	
BLM-22-570 Conv	1990	Non Detect	2.50 RL	1995	0.24 DL	2025	2.50 RL	1995	0.21 DL	2025	2.50 RL	1995	0.2 DL	2025	0.75	44	2025	0.75	44	2025	0.85 A K RB TB FB	2025	0.34 DL	2025
BLM-23-431 Conv	1990	Natural Migration (No Overall Trend)	240	1995	43	2025	8.00	1991	2.80	2025	240	1995	63	2025	1.10	33	2006	0.31	52	2025	N/A		N/A	
BLM-26-404 Conv	1991	Natural Migration (No Overall Trend)	110	2008	72	2025	2.50 RL	1996	0.59 J	2025	28	2008	23	2025	1.20	50	1991	0.17	95	2025	N/A		N/A	
BLM-27-270 Conv	1991	Natural Migration (No Overall Trend)	550 D	2025	550 D	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	1.00	2025	13	41	2006	8.20	26	2025	N/A		N/A	
BLM-36 WestBay	2000	Pumping Related Migration (Decreasing)	98	2011	21	2025	4.40	2011	1.90	2025	97	2008	48	2025	2.00	43	2007	0.57	95	2025	N/A		N/A	
BLM-38 WestBay	2000	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2003	0.24 DL	2025	0.62 DL	2004	0.21 DL	2025	0.7 DL	2003	0.2 DL	2025	0.024 J	33	2002	0.004 DL	NP	2025	1.37 RB EB	2025	1.37 RB EB	2025
BLM-39 WestBay	2000	Natural Migration (Decreasing)	340	2005	93	2025	10	2007	6.20	2025	330 QD	2002	170	2025	9.70	19	2002	3.70	74	2025	N/A		N/A	
BLM-5-527 Conv	1988	Natural Migration (Increasing)	37	2025	37	2025	2.50 RL	1996	1.20	2025	43	2025	43	2025	0.31	49	2025	0.22	65	2025	220 G	2017	220 G	2017
BLM-8-418 Conv	1988	Low-Level NDMA (<4.9 ng/L)	2.50 RL	1996	0.32 J	2025	2.50 RL	1996	0.21 DL	2025	3.80 QD	2001	0.22 J	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	1.06 A RB FB	2025	0.48 RB	2025

Reporting Period: 1Q/2026

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
BLM-9-419 Conv	1989	Natural Migration (Decreasing)	320	1991	5.90	2025	12	1989	0.23 J	2025	240	1989	2.80	2025	8.80	16	1995	0.018 J	44	2025	17 RB	2025	17 RB	2025

Main Plume Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
BLM-17-493 Conv	1989	Natural Migration (Decreasing)	480	1989	32	2025	31	1989	1.90	2025	430	1989	49	2025	11 A Q	7	1989	0.98	54	2025	N/A		N/A	
BLM-17-550 Conv	1990	Natural Migration (Decreasing)	440	1991	97	2026	20	1990	3.10	2026	390	1991	83	2026	8.10	16	1995	0.75	44	2026	N/A		N/A	
BLM-2-630 Conv	1988	Non Detect	470 QD	1988	0.24 DL	2025	8.00	1991	0.21 DL	2025	310 QD	1988	0.2 DL	2025	1.30	31	2002	0.005 DL	NP	2025	1.04 A K RB TB FB	2025	0.36 DL	2025
PL-12-570 Conv	2020	Pumping Related Migration (No Overall Trend)	17	2020	5.70 A	2025	0.46 J	2020	0.21 DL	2025	20	2020	6.10	2025	0.005 DL	NP	2023	0.004 DL	NP	2025	34 RB A * TB FB	2023	0.97	2025
PL-12-800 Conv	2020	Pumping Related Migration (No Overall Trend)	14	2020	6.40 A	2025	0.24 J	2021	0.21 DL	2025	17	2020	6.10	2025	0.004 DL	NP	2023	0.004 DL	NP	2025	11 QD	2023	1.46	2025
PL-1-486 Conv	1988	Non Detect	190	1996	0.24 DL	2026	4.60	2004	0.21 DL	2026	180	2004	0.2 DL	2026	0.093	43	2005	0.004 DL	NP	2025	260 QD	2002	0.34 DL	2026
PL-2-504 Conv	1989	Pumping Related Migration (Increasing Trend)	230	1996	33	2025	2.50 RL	1996	0.21 DL	2025	180	2004	27	2025	0.45 QD	58	2021	0.038	26	2025	300 G RB Q	2020	69 D	2025
ST-1-473 Conv	1989	Pumping Related Migration (Decreasing)	610	1996	42	2025	13	2010	1.30	2025	370	2005	55	2025	1.70	27	2009	0.32	57	2025	N/A		N/A	
ST-1-541 Conv	1992	Pumping Related Migration (Decreasing)	790	1995	150 Q	2025	37	1995	6.30	2025	650	1995	140	2025	4.80 QD	37	2003	3.60	51	2025	N/A		N/A	
ST-1-630 Conv	1992	Pumping Related	410	2006	240 G	2025	19 QD	2007	12	2025	440	2000	310 G	2025	1.90	40	2019	0.49	51	2025	N/A		N/A	

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
		Migration (No Overall Trend)																						
[1]ST-3-486	1991	Pumping Related Migration (Decreasing)	800	1996	1.70	2025	19	2003	0.21 DL	2025	690	1991	1.00	2025	4.40	45	2011	0.005 DL	NP	2025	N/A		N/A	
ST-3-586 Conv	1992	Pumping Related Migration (Decreasing)	640 T TB Q	1996	0.74 J	2025	15	2007	0.21 DL	2025	320	2005	1.10	2025	3.80 QD	37	2003	0.005 DL	NP	2025	N/A		N/A	
ST-3-666 Conv	1992	Pumping Related Migration (Decreasing)	280	2009	2.80	2025	15	2009	0.24 J	2025	320	2009	4.50	2025	3.70	30	2006	0.012 J	57	2025	N/A		N/A	
ST-3-735 Conv	1992	Pumping Related Migration (Decreasing)	240	2005	9.10	2025	14	2007	0.31 J	2025	320	2005	15	2025	7.80 QD	32	2009	0.28	57	2025	N/A		N/A	

Plume Front Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
BLM-10-517 Conv	1988	Low-Level NDMA (<4.9 ng/L)	5.00 RL	1988	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	4.40	2012	0.2 DL	2025	0.095 RL	NP	1988	0.004 DL	NP	2025	5.90	2020	1.74	2026
BLM-7-509 Conv	1988	Low-Level NDMA (<4.9 ng/L)	5.00 RL	1988	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	0.2 DL	2024	0.09 J	32	1996	0.004 DL	NP	2024	9.40 RB FB *	2023	0.38 J	2025
PL-4-464 Conv	1990	Non Detect	28	2005	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	21	2005	0.2 DL	2045	0.05 RL	NP	1997	0.004 DL	NP	2045	2.70 RB FB	2005	0.35 DL	2025
PL-6 Westbay	1992	Low-Level NDMA (<4.9 ng/L)	4.10 J	1996	0.24 DL	2025	5.60	1996	0.21 DL	2025	4.90 J	1996	0.2 DL	2025	1.00	53	2025	0.004 DL	NP	2024	44	2023	1.85 A RB EB	2026
PL-7 Westbay	1993	Low-Level NDMA (<4.9 ng/L)	2.50 RL	1996	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	0.2 DL	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	11 RB TB EB	2023	1.12 RB EB	2025
ST-2-466 Conv	1989	Non Detect[1]	2.50 RL	1995	0.24 DL	2024	2.50 RL	1995	0.21 DL	2024	2.50 RL	1995	0.2 DL	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	2.60 RB	2004	2.6 RB	2004
ST-4-481 Conv	1992	Non Detect	2.50 RL	1996	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	0.2 DL	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	1.80 FB	2012	0.34 DL	2025
ST-4-589 Conv	1992	Non Detect	2.50 RL	1996	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	0.2 DL	2024	0.05 RL	NP	1997	0.004 DL	NP	2023	1.10 RB Q	2008	0.35 DL	2025

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
ST-4-690 Conv	1992	Non Detect	3.00 J	1998	0.24 DL	2024	2.50 RL	1995	0.21 DL	2024	10	1998	0.2 DL	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	2.70	2008	0.34 DL	2025
ST-5 Westbay	1992	Low-Level NDMA (<4.9 ng/L)	2.50 RL	1996	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	0.2 DL	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	7.20	2017	0.90 RB FB	2025
ST-5-481 Conv	1992	Non Detect[1]	2.50 RL	1996	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	0.2 DL	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	0.7 FB	2002	0.34	2025
ST-6 FLUTe	1998	Low-Level NDMA (<4.9 ng/L)	21 EB	2005	0.24 DL	2024	2.00 DL	1999	0.21 DL	2024	67	2004	0.27 J	2024	0.012	90	2017	0.005 DL	NP	2023	53 Q QD	2023	0.79 K RB	2025
ST-7 FLUTe	1999	Pumping Related Migration (Increasing Trend)	4.20	2025	4.20	2025	0.62 DL	2004	0.21 DL	2025	7.10	2025	3.60	2026	0.005 DL	NP	2013	0.005 DL	NP	2023	3.80 FB	2002	0.75 A K	2026
WW-1-452 Conv	1988	Low-Level NDMA (<4.9 ng/L)	5.00 RL	1988	0.24 DL	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	0.2 DL	2024	0.3 T	30	2006	0.005 DL	NP	2024	3.47 K TB FB	2024	0.54	2025

Sentinel Monitoring Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
600C-005-GW Conv	2024	Non Detect	0.24 DL	2026	0.24 DL	2026	0.21 DL	2026	0.21 DL	2026	0.2 DL	2026	0.2 DL	2026	0.005 DL	NP	2026	0.005 DL	NP	2026	7.00 *	2026	0.34 DL	2026
BLM-42-569 Conv	2020	Low-Level NDMA (<4.9 ng/L)	0.24 DL	2025	0.24 DL	2025	0.21 DL	2025	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.004 DL	NP	2021	0.004 DL	NP	2025	1.60 RB * TB FB	2021	0.35 J RB TB	2025
BLM-42-709 Conv	2020	Low-Level NDMA (<4.9 ng/L)	0.24 DL	2025	0.24 DL	2025	0.21 DL	2025	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.004 DL	NP	2025	0.004 DL	NP	2025	1.50 RB * FB	2021	0.37 J RB	2025
JP-1-424 Conv	1988	Low-Level NDMA (<4.9 ng/L)	5.50	2001	0.24 DL	2026	2.50 RL	1996	0.21 DL	2026	2.50 RL	1996	0.2 DL	2026	0.061 J	36	1998	0.004 DL	NP	2025	15 RB QD	2004	1.08	2026
JP-2-447 Conv	1988	Low-Level NDMA (<4.9 ng/L)	2.50 RL	1996	0.24 DL	2026	2.50 RL	1996	0.21 DL	2026	4.50	2001	0.2 DL	2026	0.05 RL	NP	1997	0.004 DL	NP	2025	14	2000	1.00	2026
JP-3-509 Conv	2013	Non Detect	0.27 DL	2019	0.24 DL	2026	0.28 DL	2019	0.21 DL	2026	0.2 DL	2026	0.2 DL	2026	0.004 DL	NP	2017	0.004 DL	NP	2025	0.85 * TB	2021	0.34 DL	2026
JP-3-689 Conv	2014	Non Detect	0.27 DL	2019	0.24 DL	2026	0.28 DL	2019	0.21 DL	2026	0.2 DL	2026	0.2 DL	2026	0.005 DL	NP	2014	0.004 DL	NP	2025	1.80 TB FB	2021	0.35 DL	2026

Appendix E: Summary of Maximum Concentrations, Current Concentrations and T-C Plot Interpretations for WSTF Monitoring Well Network

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
PL-10 WestBay	2002	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2003	0.24 DL	2026	0.62 DL	2004	0.21 DL	2026	0.62 DL	2004	0.2 DL	2026	0.005 DL	NP	2026	0.005 DL	NP	2026	7.30 EB	2024	0.61 EB	2026
PL-11 FLUTe	2017	Low-Level NDMA (<4.9 ng/L)	0.46 J	2024	0.31 J	2025	0.28 DL	2018	0.21 DL	2025	0.36 J	2024	0.23 J	2025	0.005 DL	NP	2025	0.004 DL	NP	2025	58 *	2023	1.58 RB	2025
PL-8 WestBay	2000	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2002	0.24 DL	2025	0.62 DL	2004	0.21 DL	2025	0.7 DL	2003	0.2 DL	2025	0.021	47	2023	0.004 DL	NP	2025	12 FB	2002	0.67 RB	2025
WW-2-489 Conv	2013	Non Detect	0.27 DL	2018	0.24 DL	2025	0.28 DL	2018	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.005 DL	NP	2014	0.004 DL	NP	2025	4.30 K FB	2024	0.35 DL	2025
WW-2-664 Conv	2013	Non Detect	0.27 DL	2018	0.24 DL	2025	0.28 DL	2018	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.005 DL	NP	2014	0.004 DL	NP	2025	2.30 K FB	2024	0.35 DL	2025
WW-3 WestBay	2001	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2002	0.24 DL	2025	0.62 DL	2004	0.21 DL	2025	0.7 DL	2003	0.2 DL	2025	0.012 J	40	2004	0.005 DL	NP	2025	95 RB *	2007	0.79 EB	2025
WW-4 WestBay	2001	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2002	0.24 DL	2025	0.62 DL	2004	0.21 DL	2025	0.7 DL	2003	0.2 DL	2025	0.005 DL	NP	2016	0.004 DL	NP	2025	35	2016	1.44	2025
WW-5 WestBay	2001	Fluctuating LL NDMA	1.60 DL	2003	0.24 DL	2026	0.62 DL	2004	0.21 DL	2026	0.62 DL	2004	0.2 DL	2026	0.005 DL	NP	2025	0.005 DL	NP	2025	24	2024	7.74	2026

Other Well Group

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
MPE-1 Conv*	1999	Pumping Related Migration (Decreasing)	560	2005	190 A	2025	8.70	2010	3.80	2025	180	2010	82	2025	25	30	2009	8.30	54	2025	N/A		N/A	
MPE-10 Conv*	2004	Pumping Related Migration (No Overall Trend)	150	2017	130 A	2025	3.50	2025	2.90	2025	71	2025	58	2025	8.50	40	2021	5.70	54	2025	N/A		N/A	
MPE-11 Conv*	2004	Pumping Related Migration (No Overall Trend)	65	2008	15 A	2025	1.60	2008	0.37 J	2025	41	2008	8.40	2025	1.60	40	2007	0.39	54	2025	N/A		N/A	
MPE-9 Conv*	2004	Pumping Related Migration (No Overall Trend)	250	2015	220 A D	2025	5.60	2025	4.20	2025	130	2018	96	2025	13	35	2019	5.70	54	2025	N/A		N/A	

Appendix E: Summary of Maximum Concentrations, Current Concentrations and T-C Plot Interpretations for WSTF Monitoring Well Network

Well	1st Sample	Interpretation	Freon 11 Concentration (ug/L)				PCE Concentration (ug/L)				TCE Concentration (ug/L)				NDMA 607 Concentration (ug/L)						NDMA LL Concentration (ng/L)			
			Max	Year	Last	Year	Max	Year	Last	Year	Max	Year	Last	Year	Max	Ex Eff	Year	Last	Ex Eff	Year	Max	Year	Last	Year
PFE-1 Conv*	2000	Pumping Related Migration (Decreasing)	110	2010	5.00	2025	4.80	2010	0.3 J	2025	140	2005	6.80	2025	0.39	36	2017	0.12	42	2026	N/A		N/A	
PFE-2 Conv*	2000	Pumping Related Migration (No Overall Trend)	170	2007	68	2025	7.60	2007	2.50	2025	220	2007	63	2025	0.44	50	2024	0.26	42	2026	N/A		N/A	
PFE-3 Conv*	1991	Pumping Related Migration (Decreasing)	290	2006	28	2025	18	2004	1.20	2025	340	2004	28	2025	3.90	18	1991	0.12	42	2026	N/A		N/A	
PFE-4A Conv*	2001	Pumping Related Migration (Decreasing)	190	2004	1.40	2025	8.40	2007	0.21 DL	2025	240	2004	1.30	2025	0.26	36	2010	0.005 DL	NP	2025	19	2025	19	2025
[2]PFE-5	2000	Pumping Related Migration (Decreasing)	120	2009	11	2025	7.70	2006	1.20	2025	180	2009	29	2025	2.40	33	2006	0.43	42	2025	N/A		N/A	
PFE-7 Conv*	2001	Pumping Related Migration (Decreasing)	32	2004	3.90	2025	0.81 J	2004	0.21 DL	2025	41	2004	4.40	2025	0.022	44	2004	0.005 DL	NP	2025	2.50	2026	2.50	2026

Notes:

T-C plot interpretations are based on a review of all T-C plots for a given well. This table generalizes the historical maximum concentration and last concentrations for four of the primary VOCs in groundwater. Evaluation of the data in this table should be used in conjunction with T-C plots as the maximum and current values do not always accurately represent the overall T-C plot trend.

NDMA analytical results using two methods: 1) Method 607 (ug/L), extraction efficiency provided, the applicable detection limit is typically 0.004 to 0.005 ug/L; and 2) Low Level (ng/L), the applicable detection limit is 0.22 to 0.23 ng/L.

For wells with several maximum concentrations with the same value (typically the detection limit), the latest sampling event for which the detection limit applied was used for the sample year.

N/A = Not available.

[1] = NDMA LL samples previously reported above the detection limit of 0.34 ng/L have not been collected for a period greater than 5 years.

A = The result of an analyte for a laboratory control sample (LCS) was outside standard limits.

DL = Maximum detection limit and most recent year they were used are reported in the table. Detection limits can change over time, typically decreasing as analytical techniques improve.

EB = Detected in equipment blank.

FB = Detected in field blank.

J = Concentration values between the detection limit and practical quantitation limit.

K = The peak ratio did not meet ± 25% criteria. Concentration should be considered an estimated maximum possible concentration.

NP = NDMA Method 607 extraction efficiency not provided where the analytical result is non-detect (e.g. 0.004DL or 0.05RL)

QD = duplicate error.

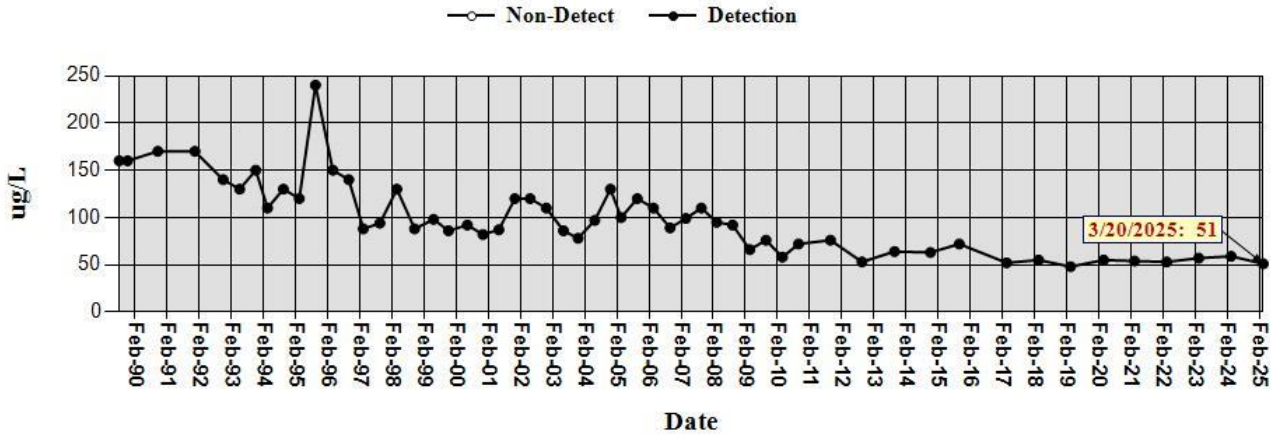
Appendix E: Summary of Maximum Concentrations, Current Concentrations and T-C Plot Interpretations for WSTF Monitoring Well Network

RL = Concentration presents half of the reporting limit. The maximum reporting limits and most recent year it was used are reported in the table. Reporting limits can change over time, typically decreasing as analytical techniques improve.

TB = Detected in trip blank.

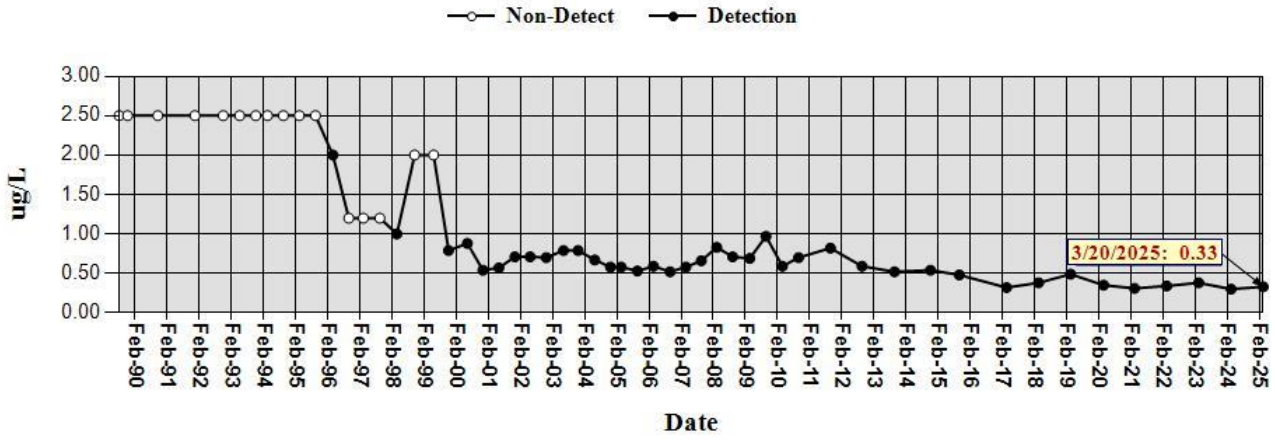
Well ID: 200-D-240
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



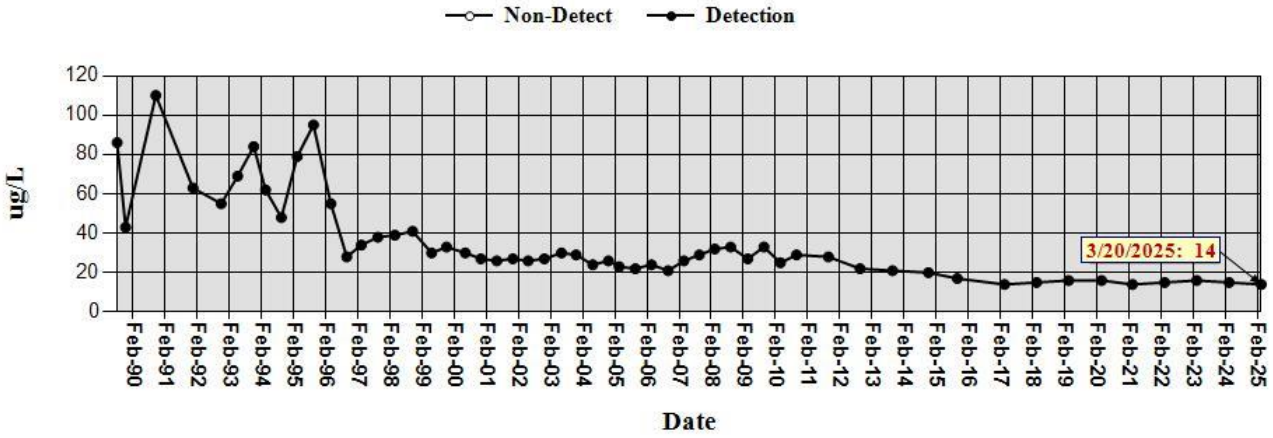
Well ID: 200-D-240
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: 200-D-240
CAS RN: 79-01-6 Trichloroethene

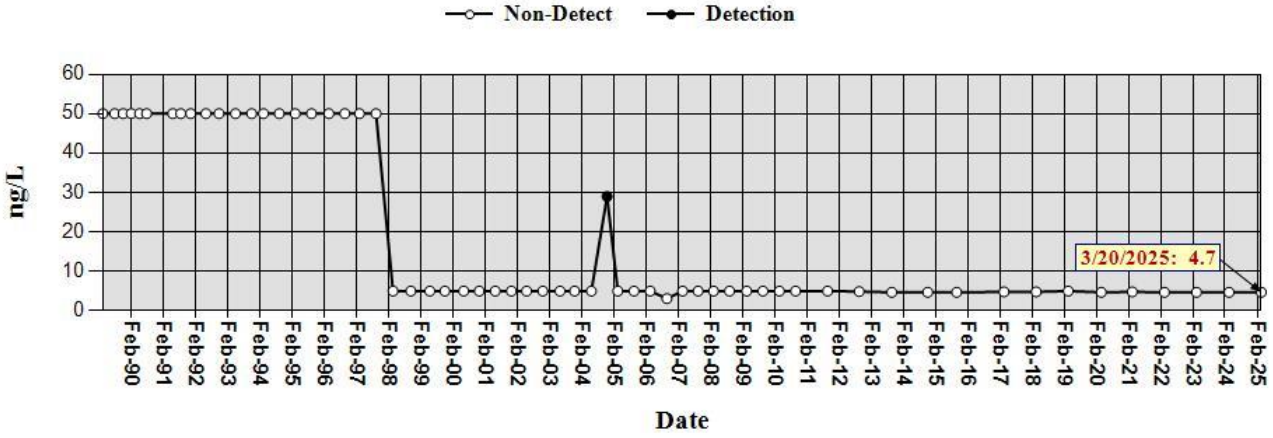
Analysis: 8260



Well ID: 200-D-240
CAS RN: 62-75-9 N-Nitrosodimethylamine

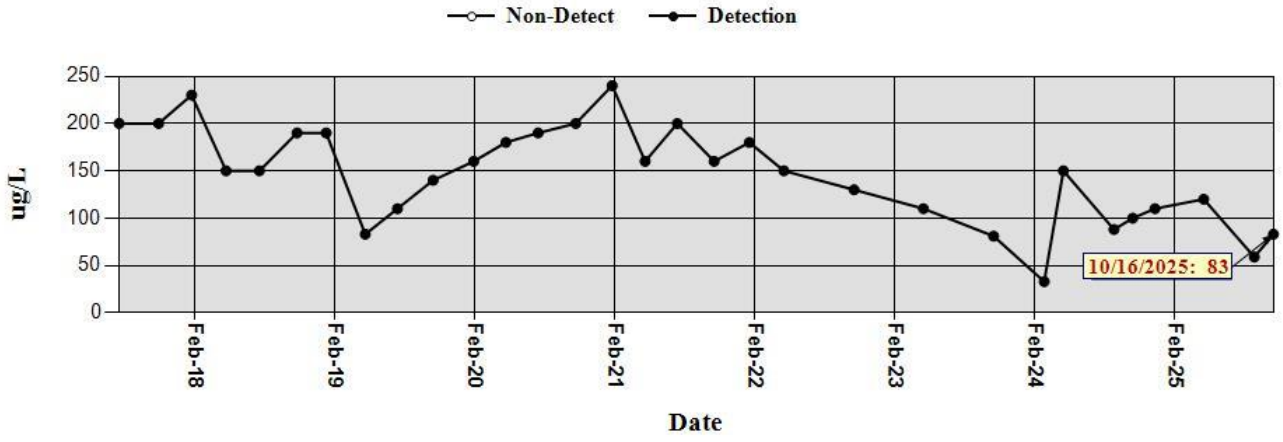
Analysis: 607

Results are Corrected for Extraction Efficiency



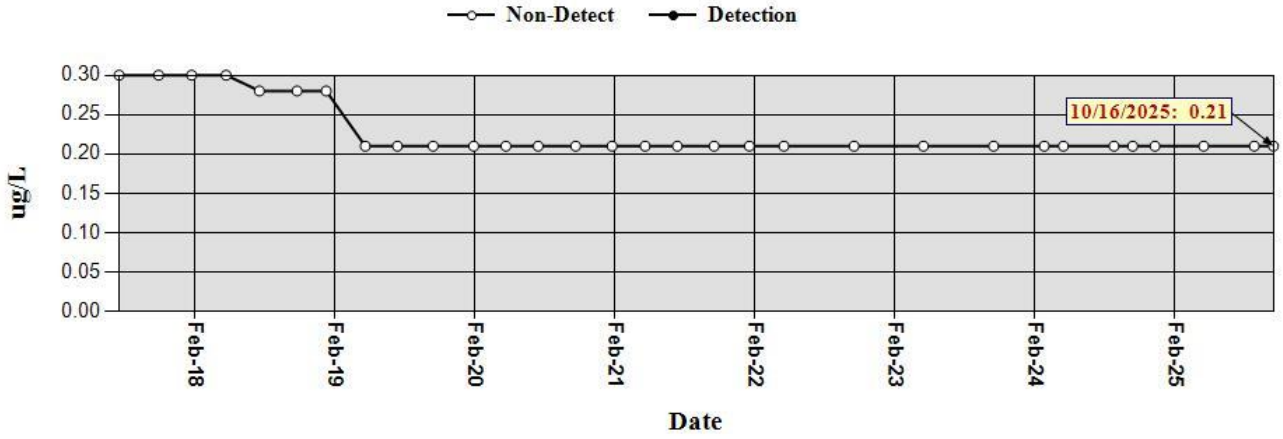
Well ID: 400-HV-147
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



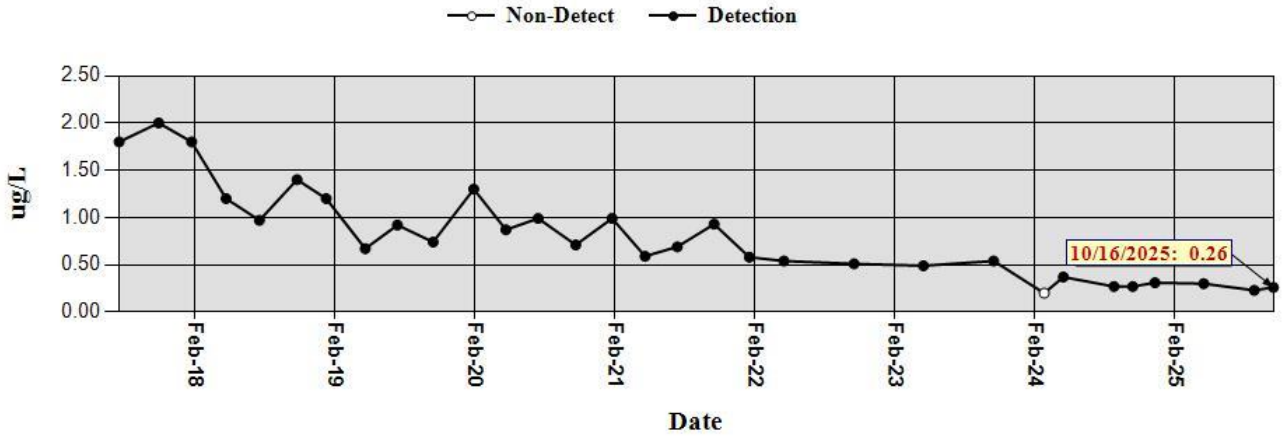
Well ID: 400-HV-147
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: 400-HV-147
CAS RN: 79-01-6 Trichloroethene

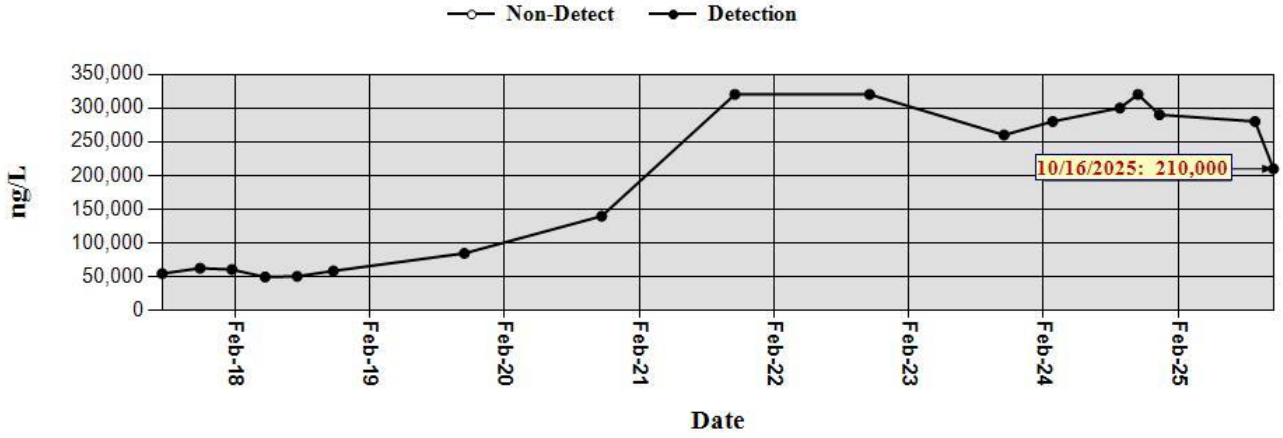
Analysis: 8260



Well ID: 400-HV-147
CAS RN: 62-75-9 N-Nitrosodimethylamine

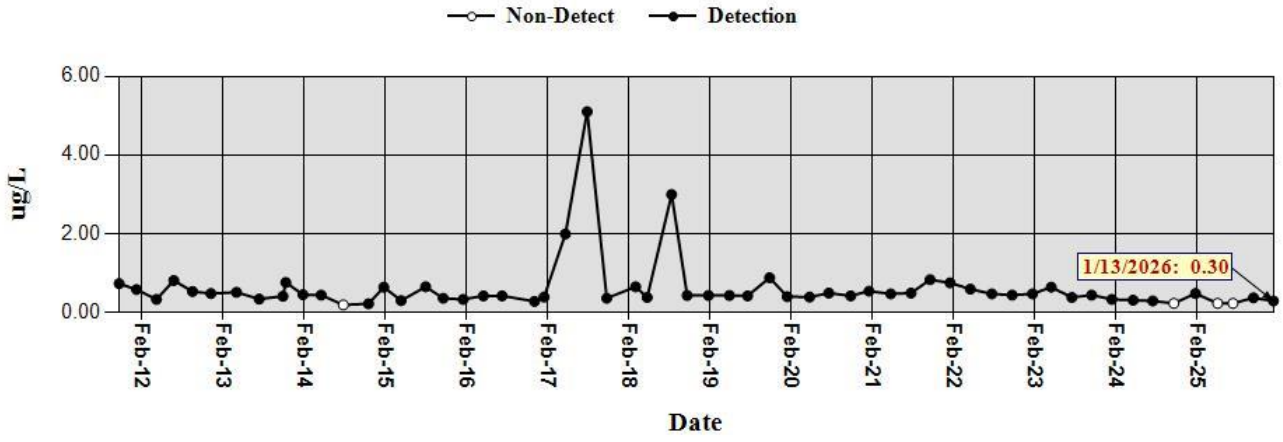
Analysis: 607

Results are Corrected for Extraction Efficiency



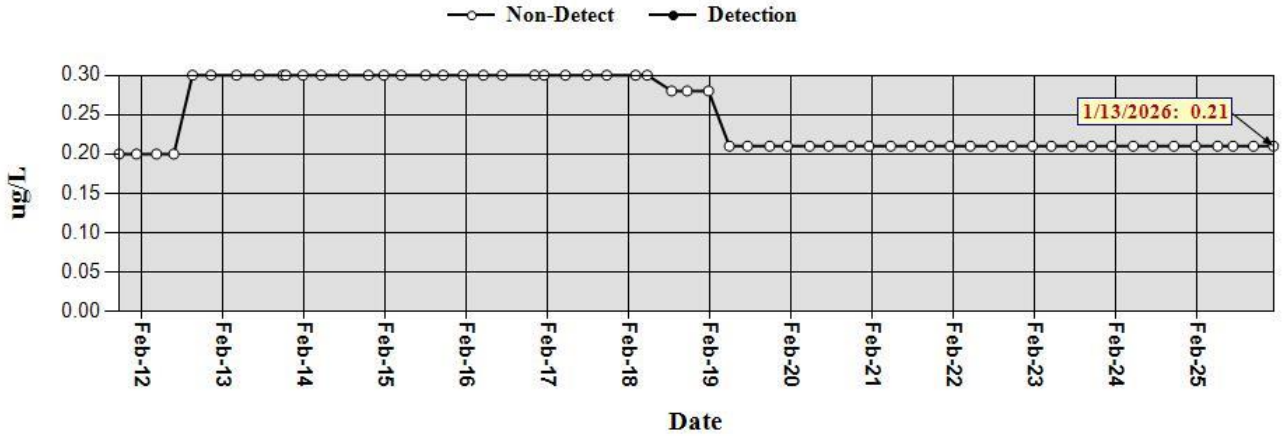
Well ID: 600-G-138
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



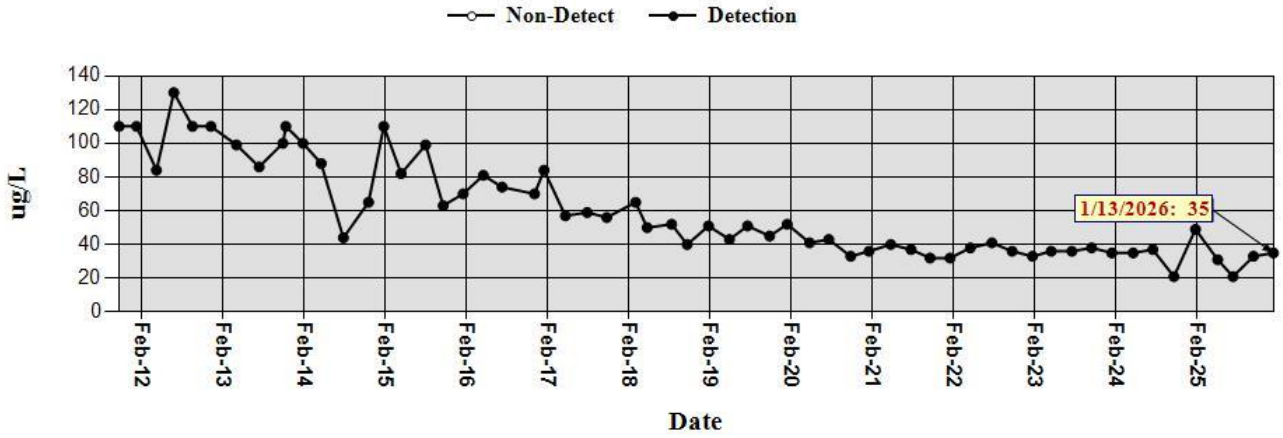
Well ID: 600-G-138
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



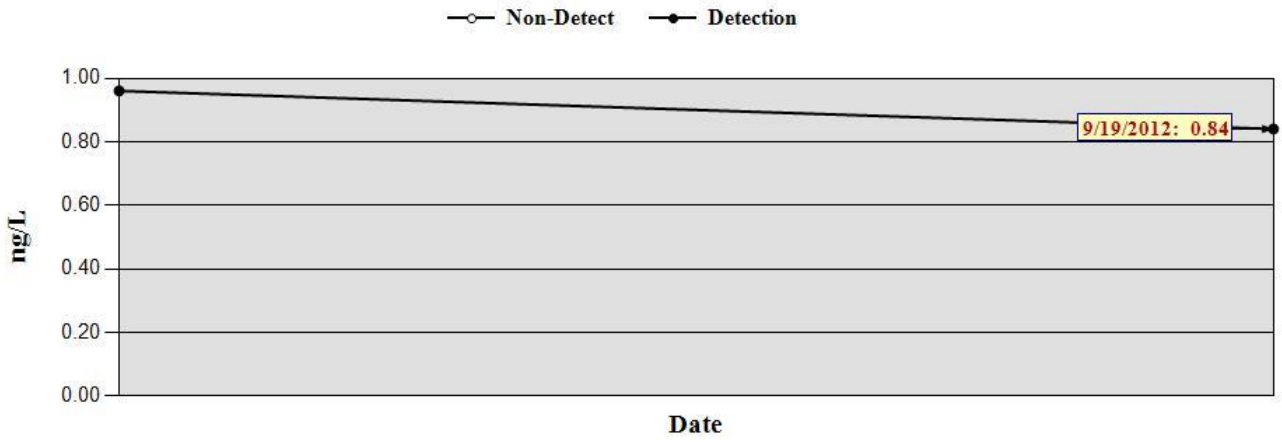
Well ID: 600-G-138
CAS RN: 79-01-6 Trichloroethene

Analysis: 8260



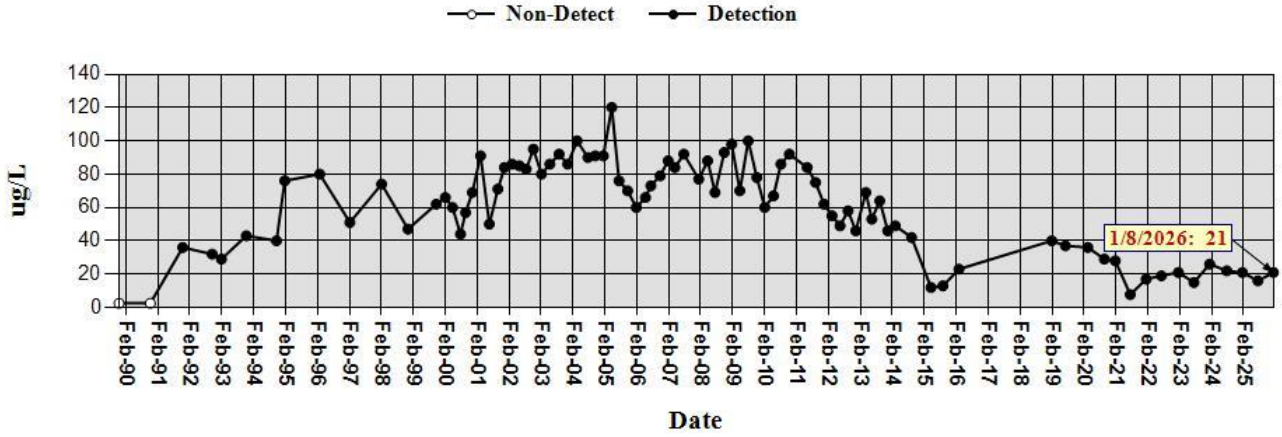
Well ID: 600-G-138
CAS RN: 62-75-9 N-Nitrosodimethylamine

Analysis: NDMA_LL



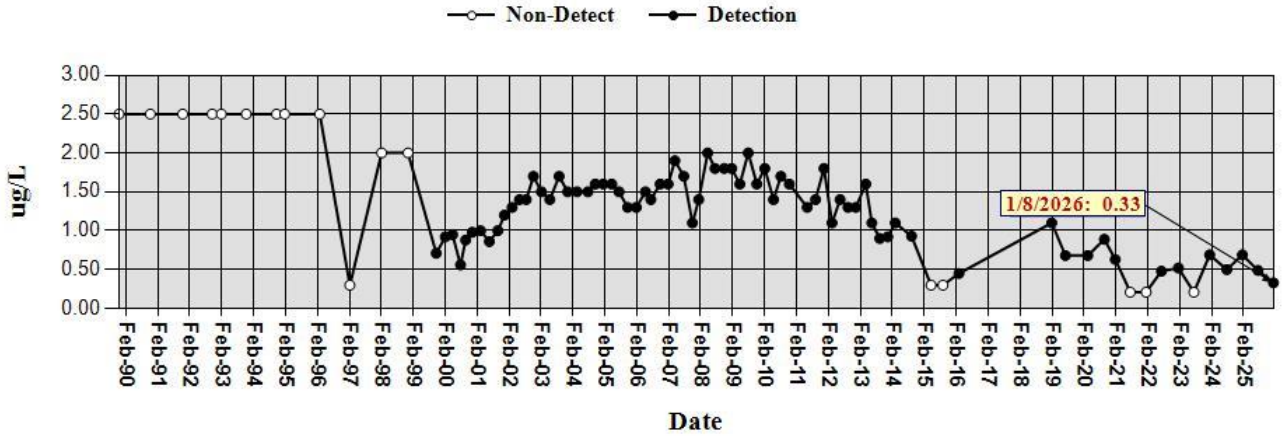
Well ID: BLM-18-430
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



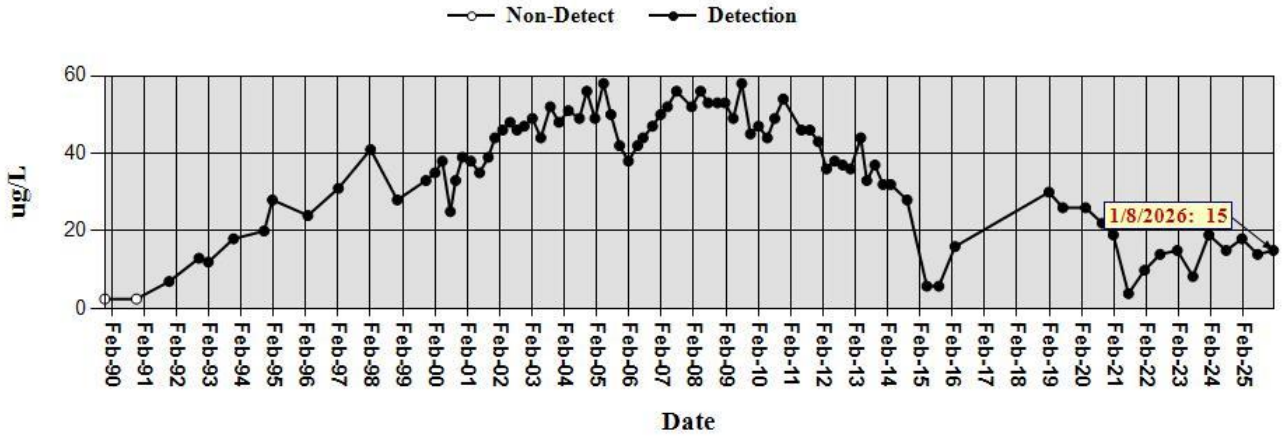
Well ID: BLM-18-430
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-18-430
CAS RN: 79-01-6 Trichloroethene

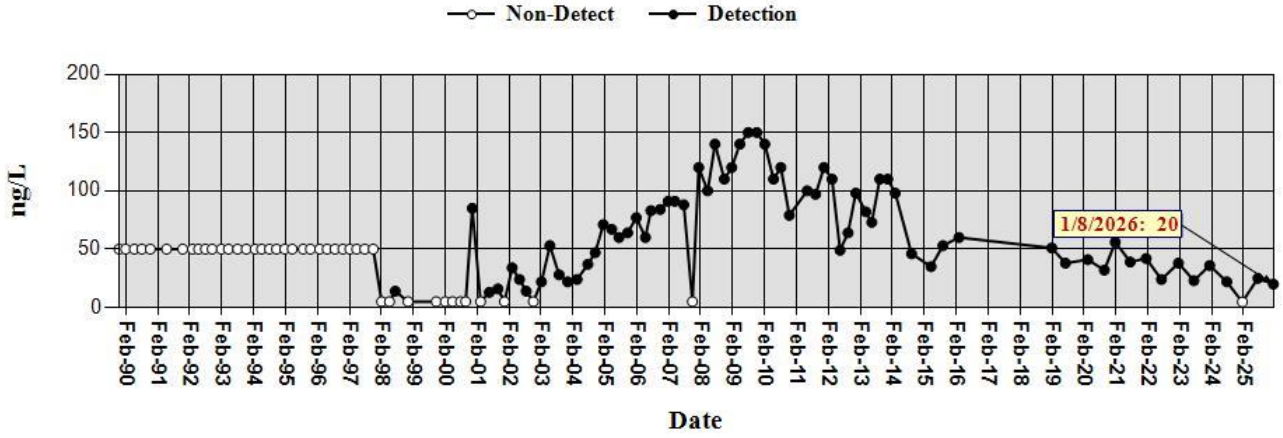
Analysis: 8260



Well ID: BLM-18-430
CAS RN: 62-75-9 N-Nitrosodimethylamine

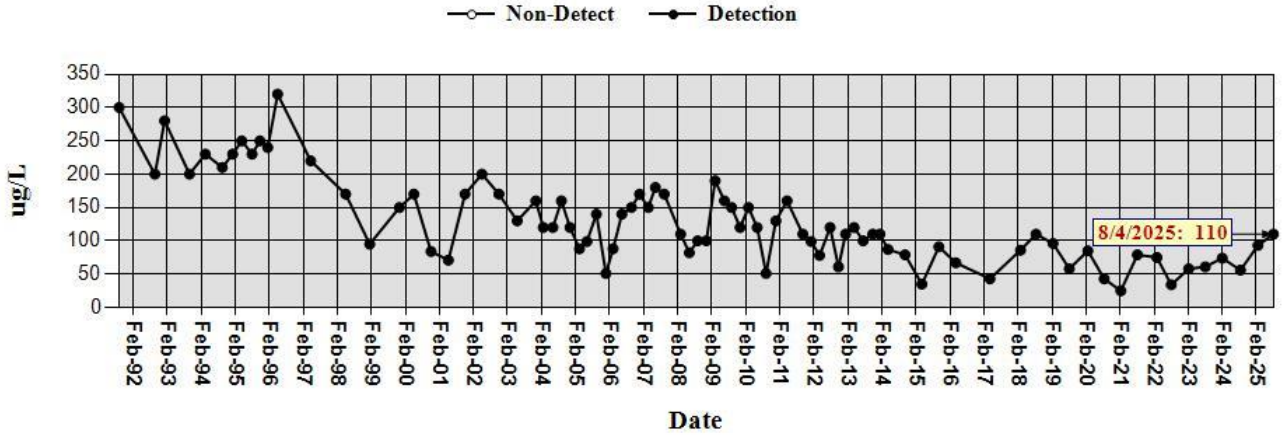
Analysis: 607

Results are Corrected for Extraction Efficiency



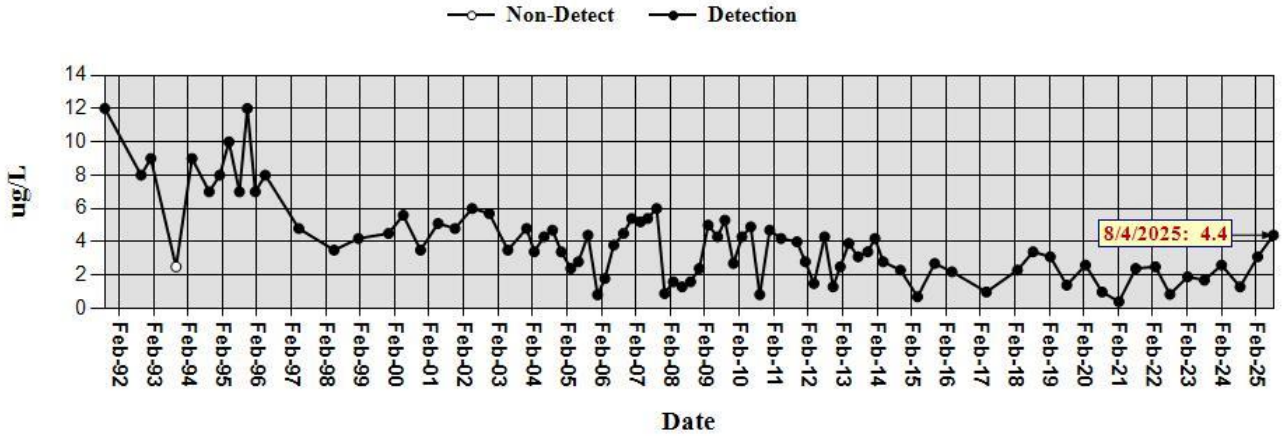
Well ID: BLM-21-400
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



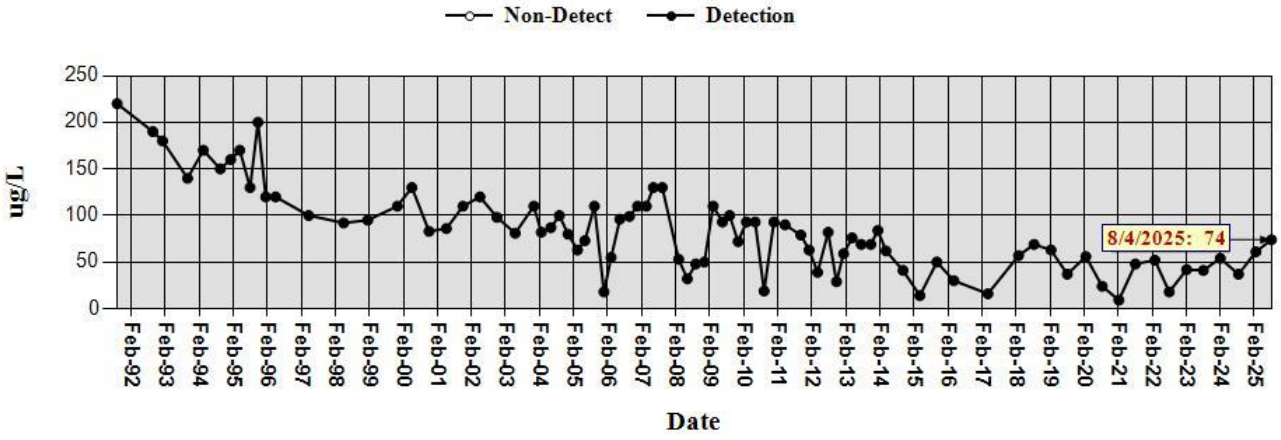
Well ID: BLM-21-400
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-21-400
CAS RN: 79-01-6 Trichloroethene

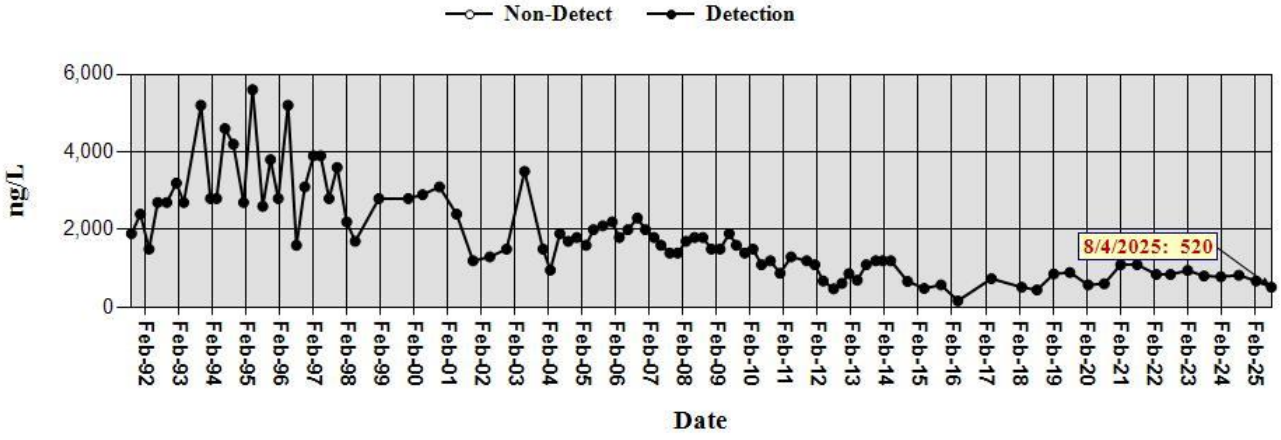
Analysis: 8260



Well ID: BLM-21-400
CAS RN: 62-75-9 N-Nitrosodimethylamine

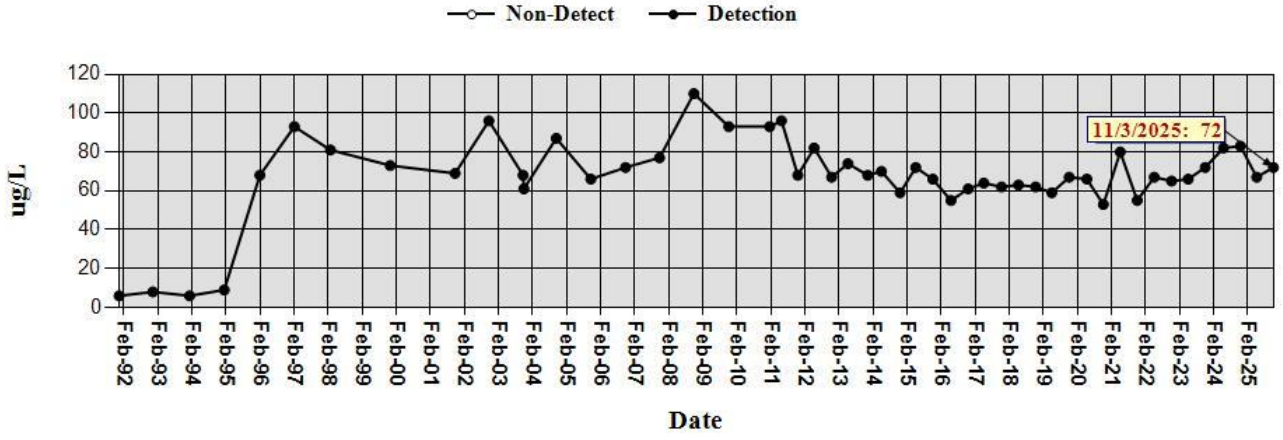
Analysis: 607

Results are Corrected for Extraction Efficiency



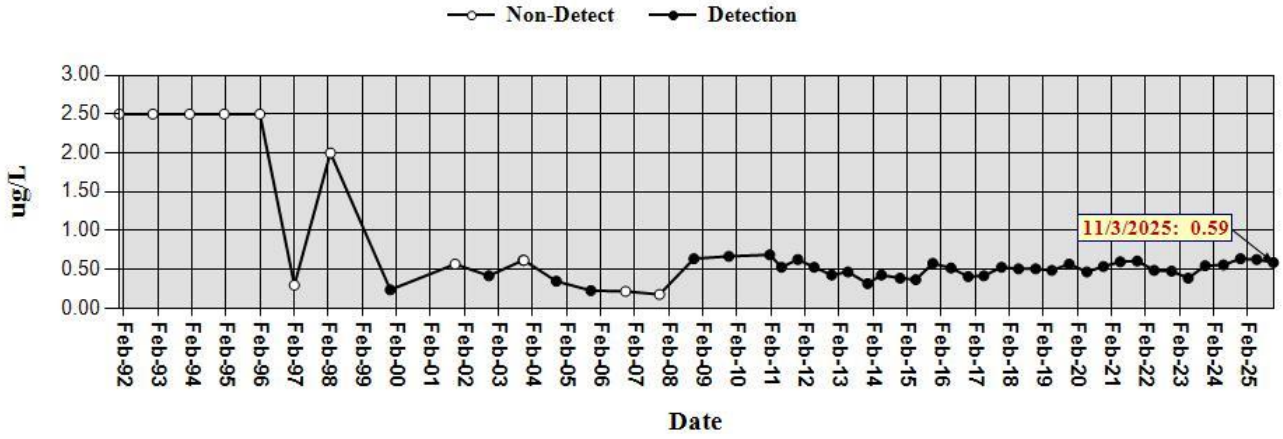
Well ID: BLM-26-404
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



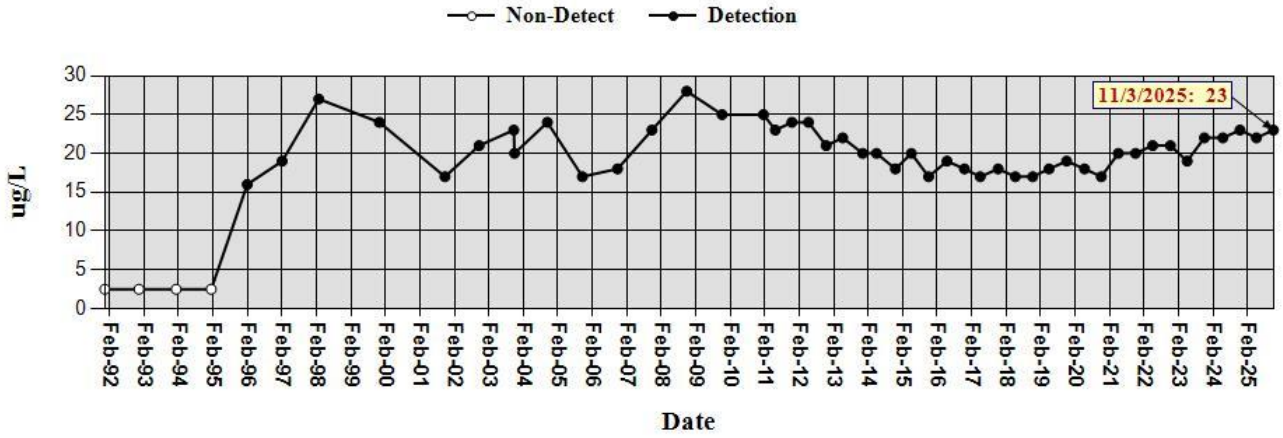
Well ID: BLM-26-404
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-26-404
CAS RN: 79-01-6 Trichloroethene

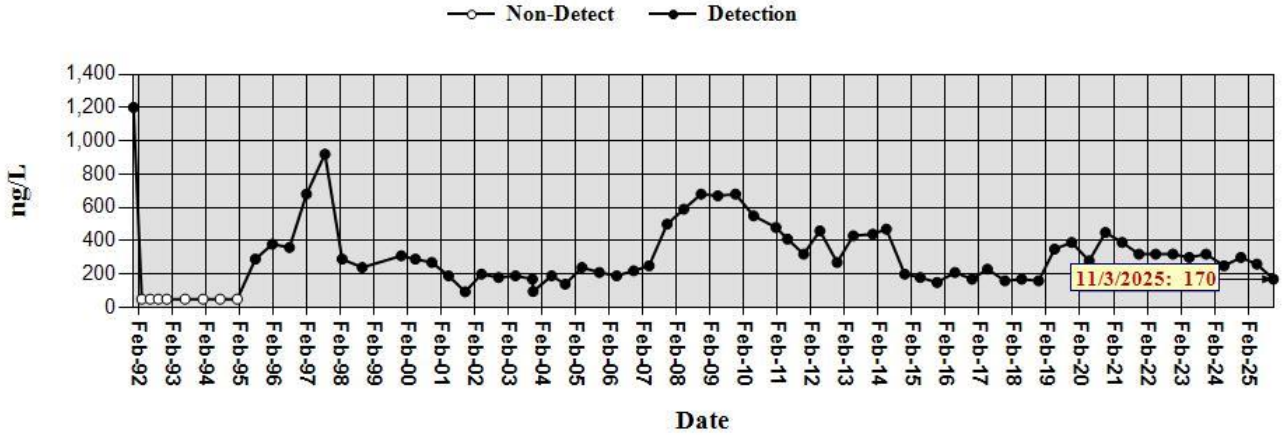
Analysis: 8260



Well ID: BLM-26-404
CAS RN: 62-75-9 N-Nitrosodimethylamine

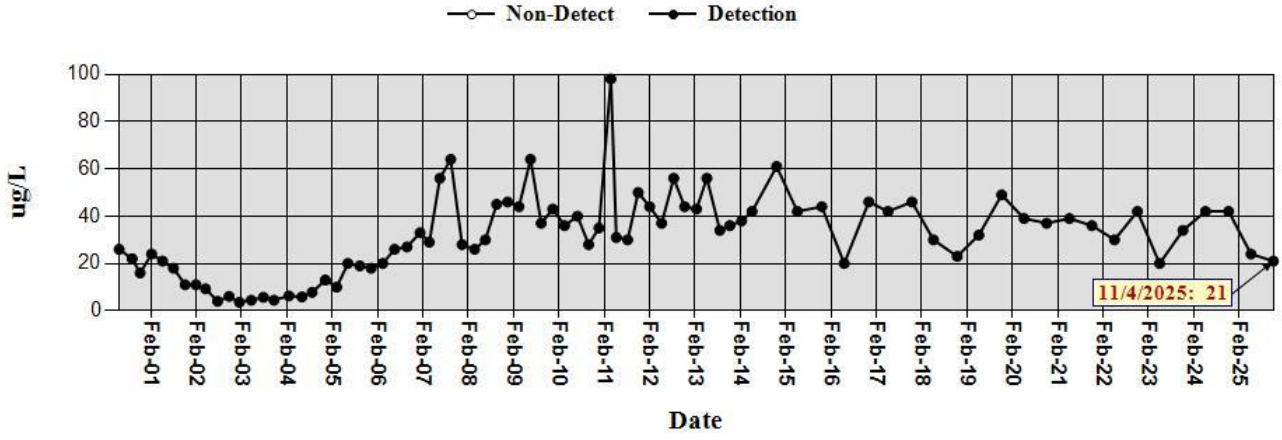
Analysis: 607

Results are Corrected for Extraction Efficiency



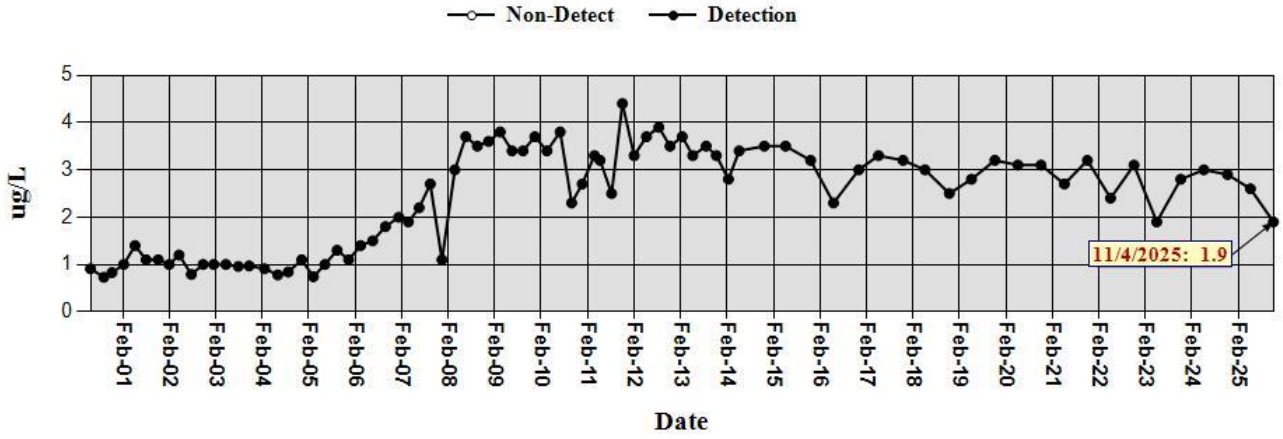
Well ID: BLM-36-350
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



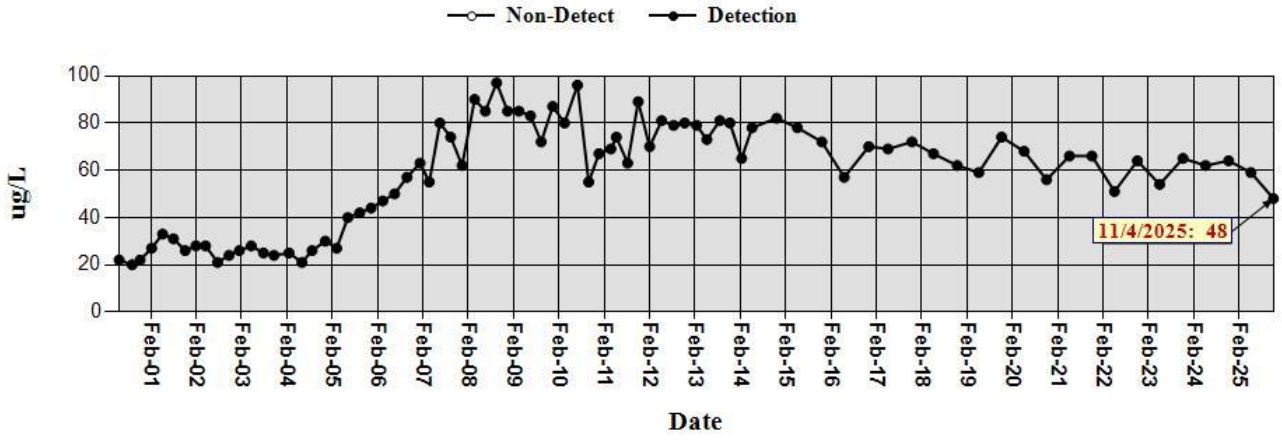
Well ID: BLM-36-350
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-36-350
CAS RN: 79-01-6 Trichloroethene

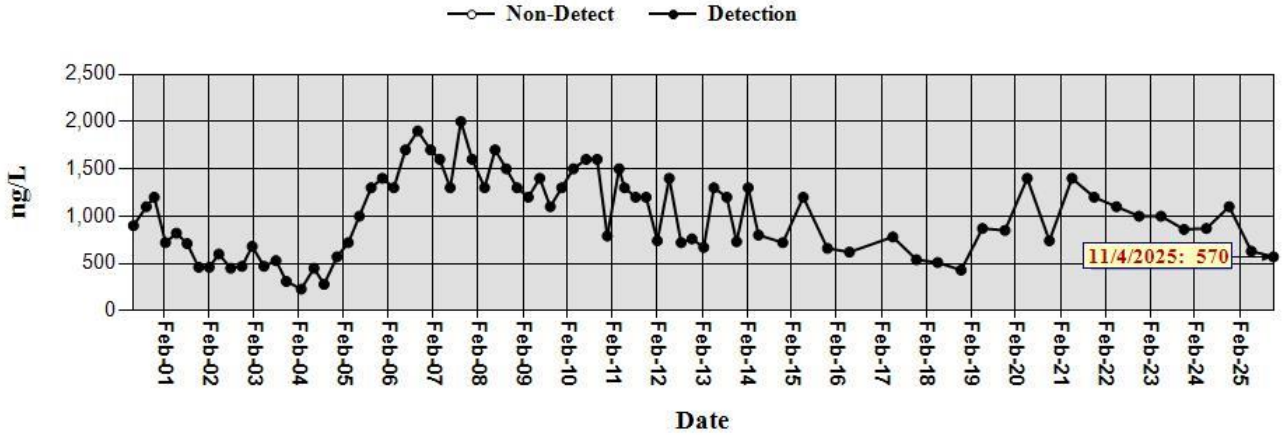
Analysis: 8260



Well ID: BLM-36-350
CAS RN: 62-75-9 N-Nitrosodimethylamine

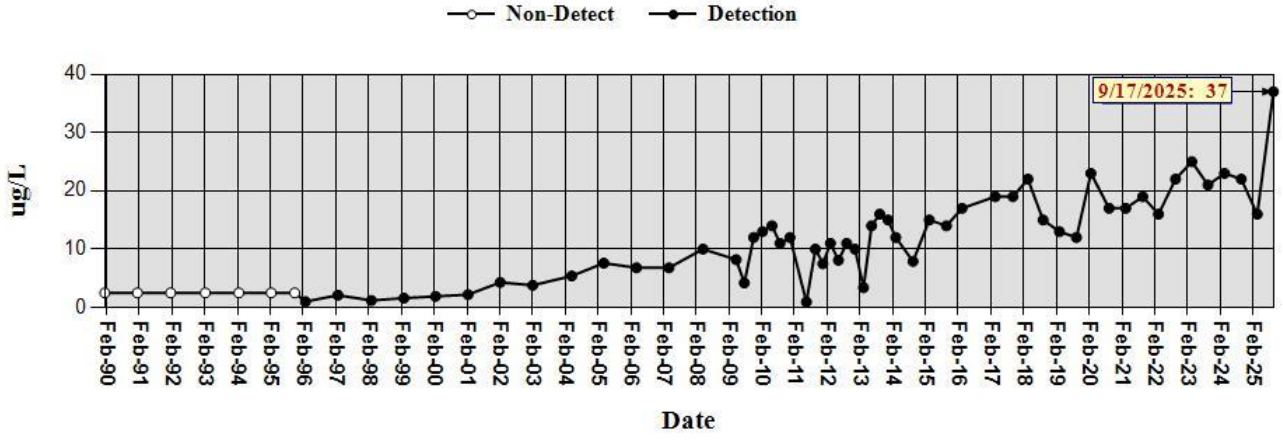
Analysis: 607

Results are Corrected for Extraction Efficiency



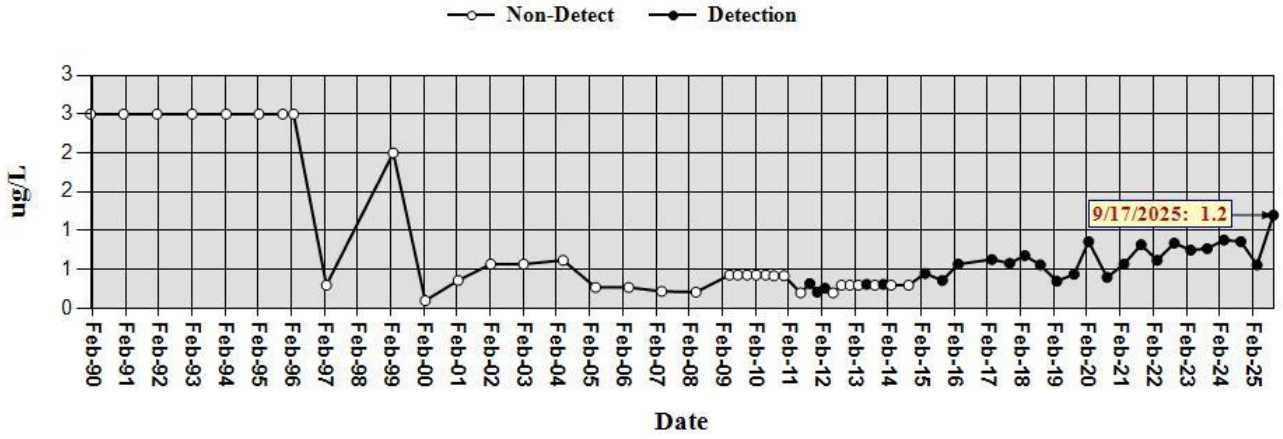
Well ID: BLM-5-527
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



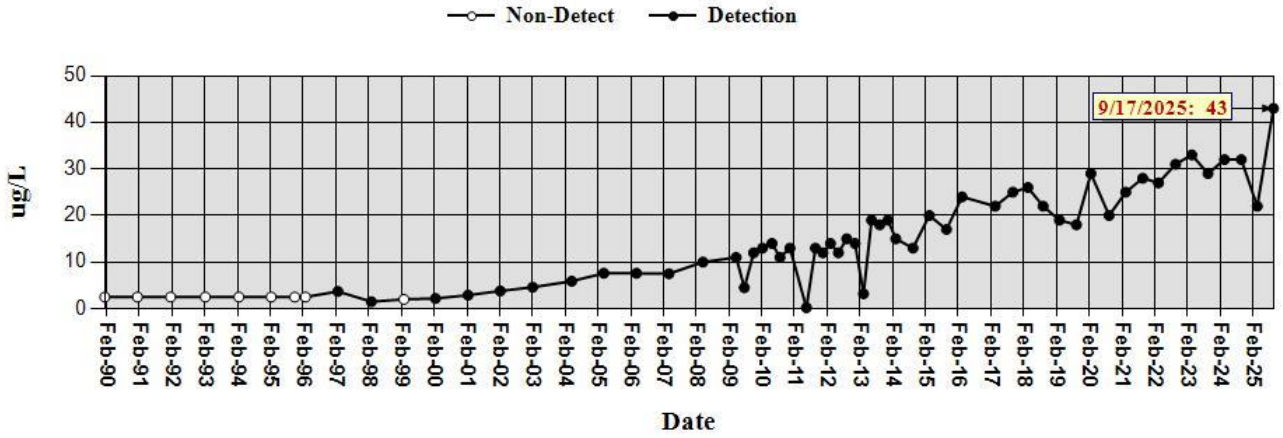
Well ID: BLM-5-527
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



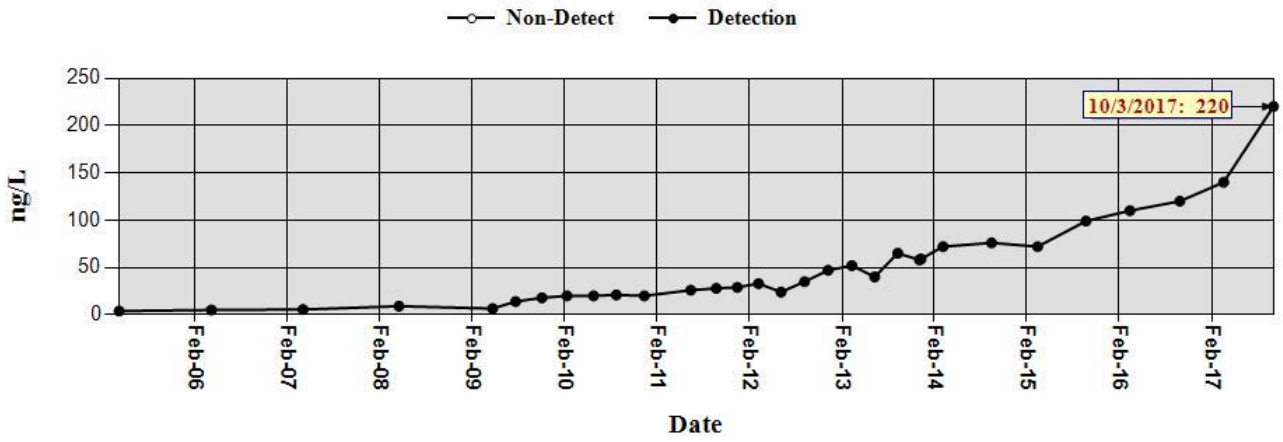
Well ID: BLM-5-527
CAS RN: 79-01-6 Trichloroethene

Analysis: 8260



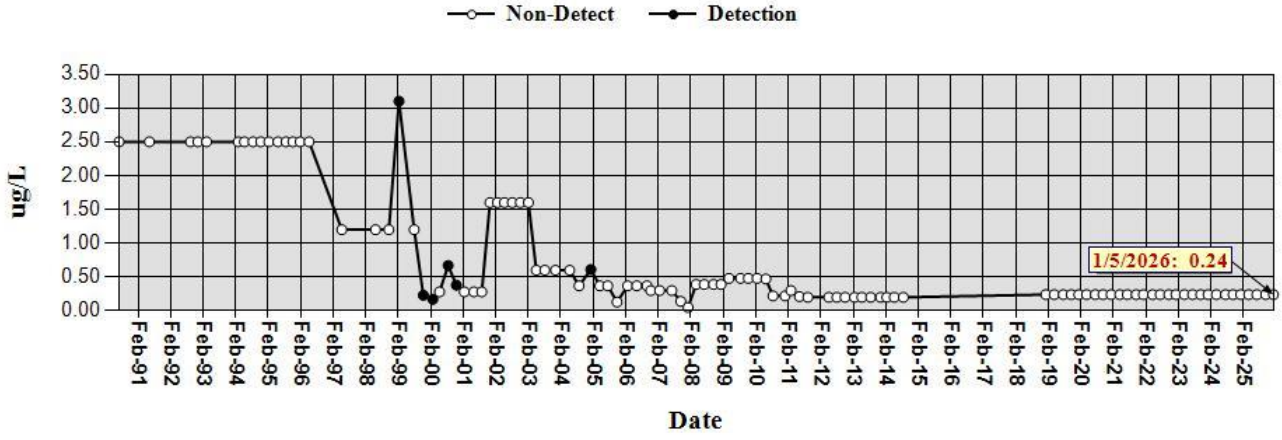
Well ID: BLM-5-527
CAS RN: 62-75-9 N-Nitrosodimethylamine

Analysis: NDMA_LL



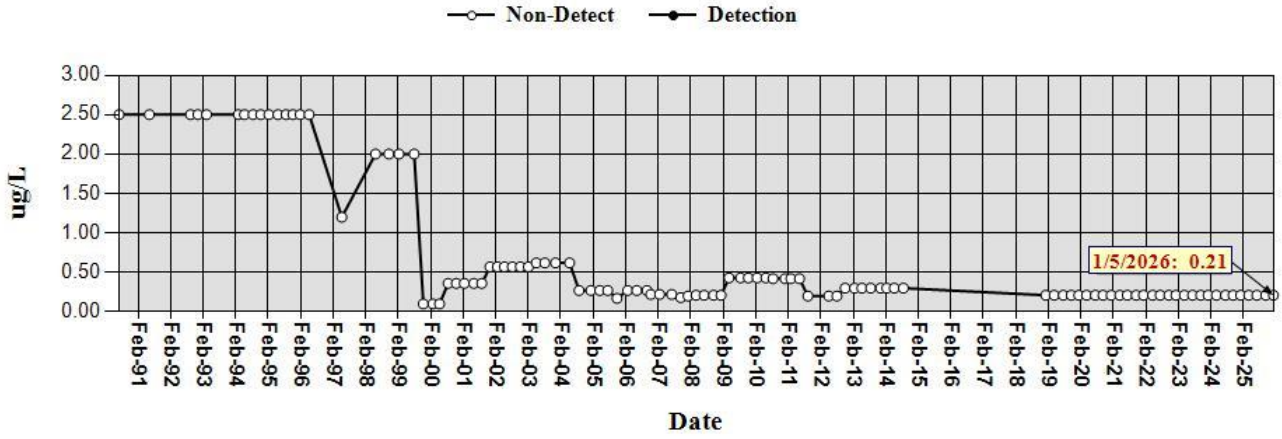
Well ID: BLM-6-488
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



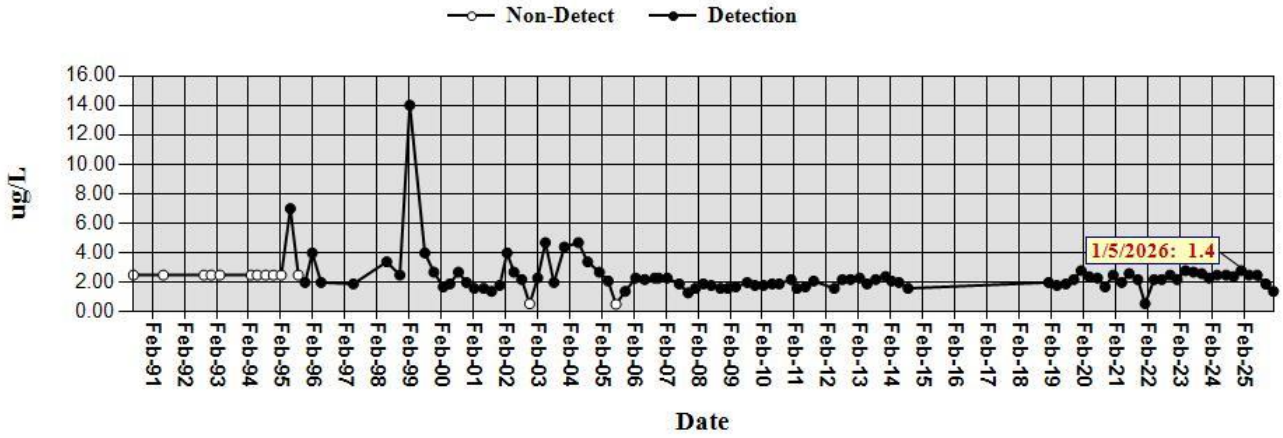
Well ID: BLM-6-488
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



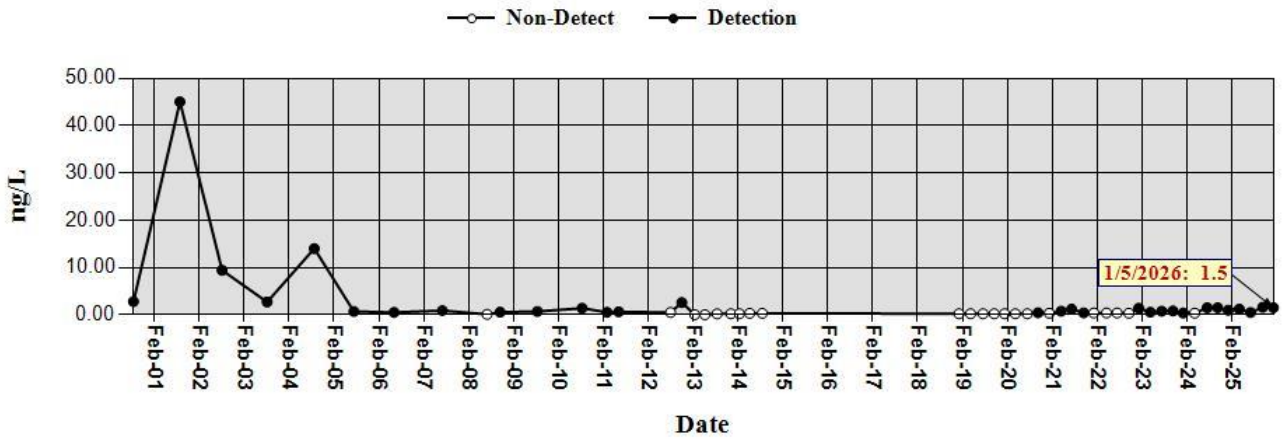
Well ID: BLM-6-488
CAS RN: 79-01-6 Trichloroethene

Analysis: 8260



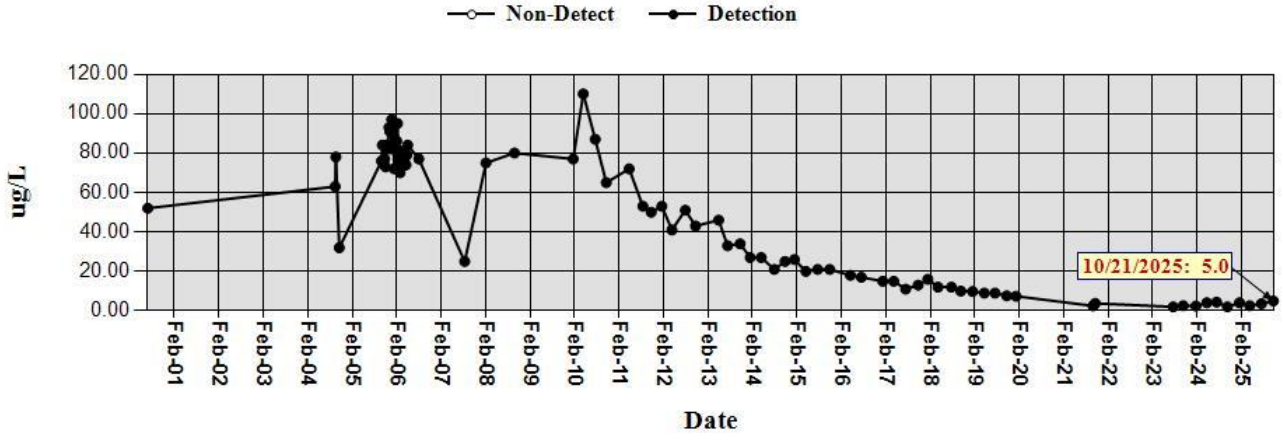
Well ID: BLM-6-488
CAS RN: 62-75-9 N-Nitrosodimethylamine

Analysis: NDMA_LL



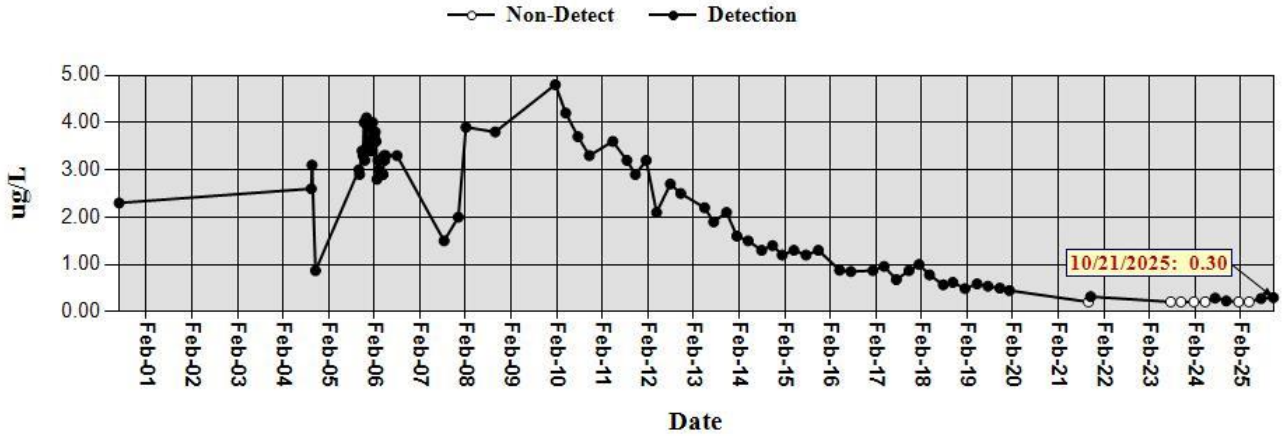
Well ID: PFE-1
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



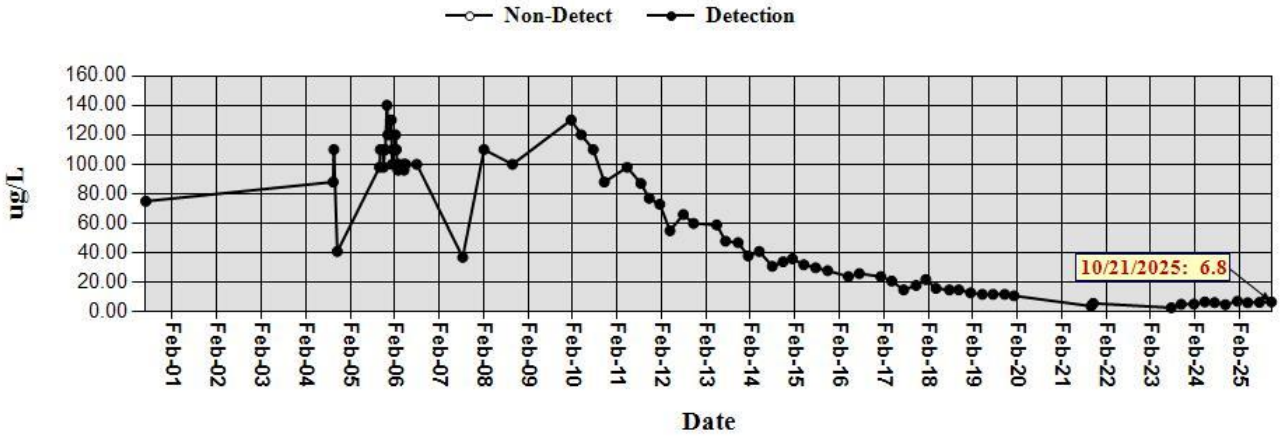
Well ID: PFE-1
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: PFE-1
CAS RN: 79-01-6 Trichloroethene

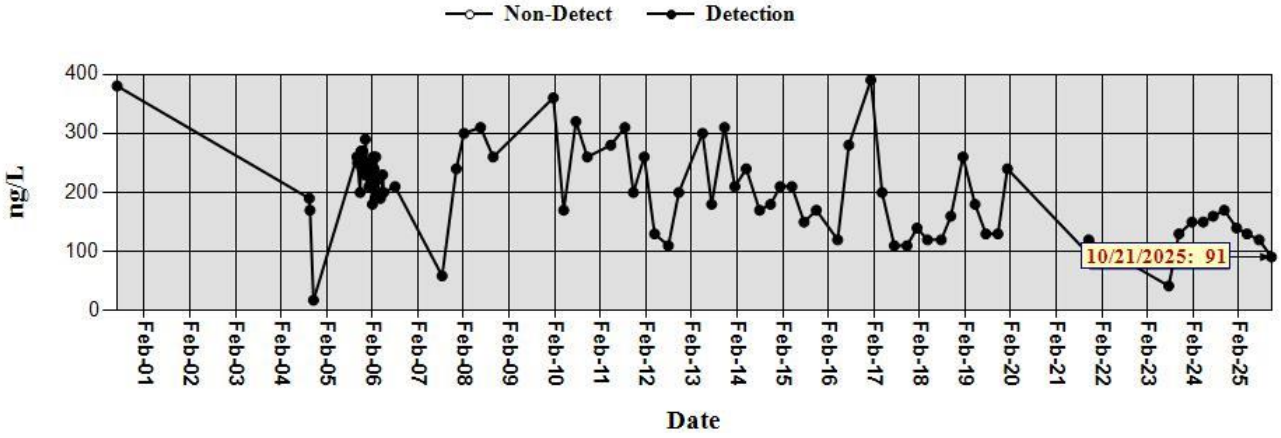
Analysis: 8260



Well ID: PFE-1
CAS RN: 62-75-9 N-Nitrosodimethylamine

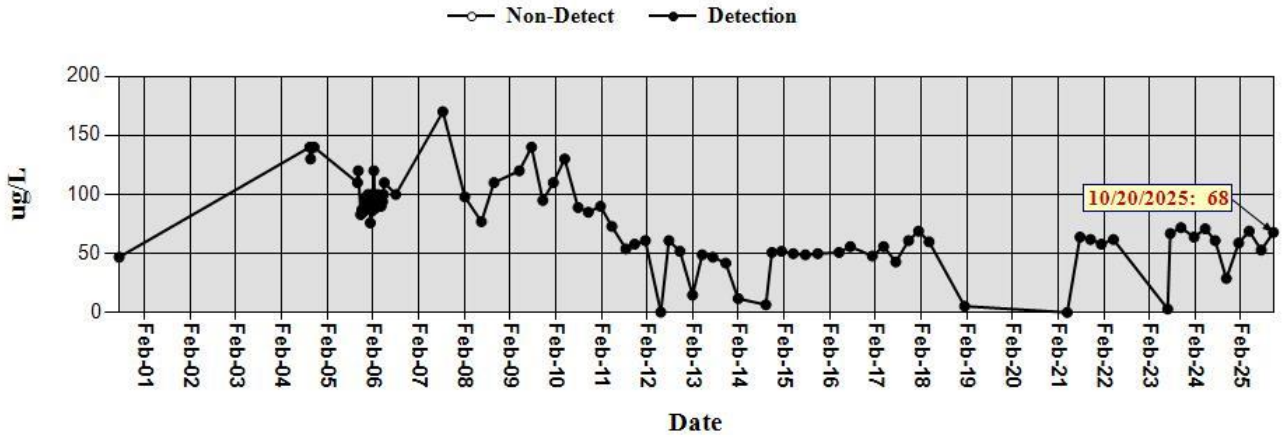
Analysis: 607

Results are Corrected for Extraction Efficiency



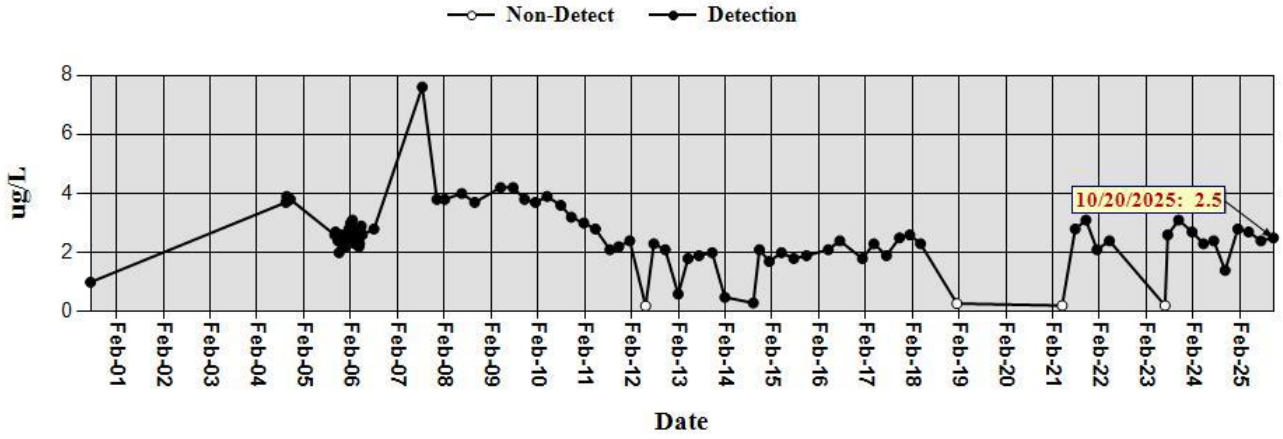
Well ID: PFE-2
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



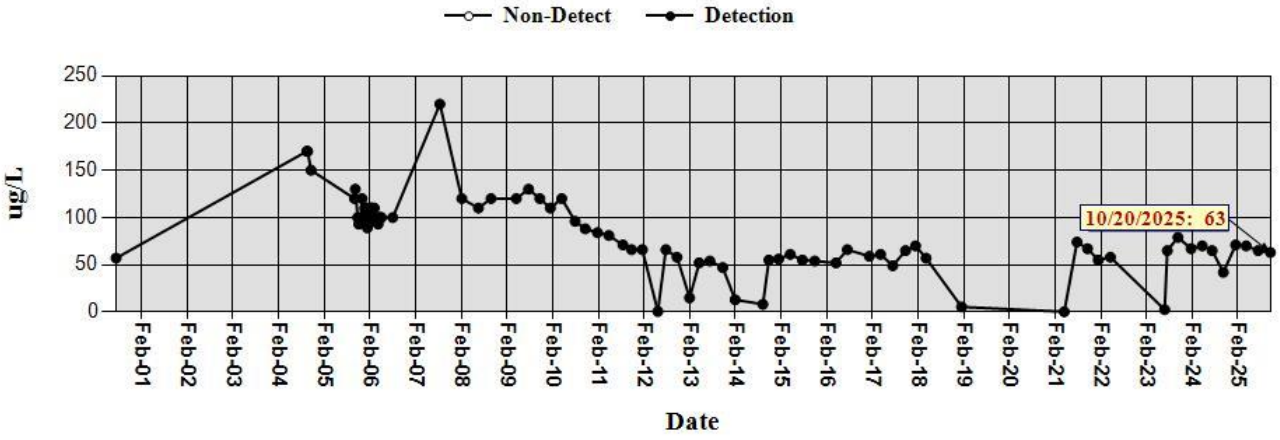
Well ID: PFE-2
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: PFE-2
CAS RN: 79-01-6 Trichloroethene

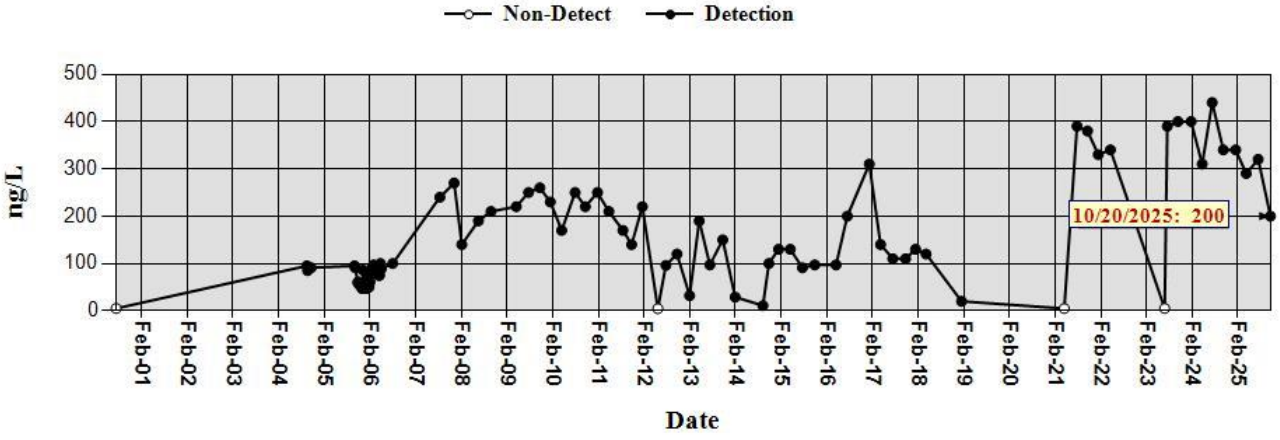
Analysis: 8260



Well ID: PFE-2
CAS RN: 62-75-9 N-Nitrosodimethylamine

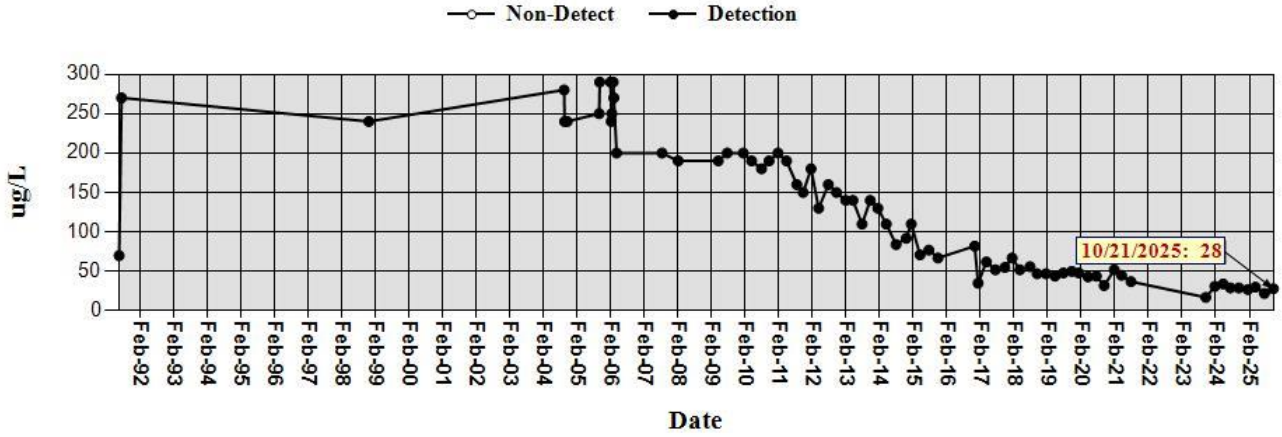
Analysis: 607

Results are Corrected for Extraction Efficiency



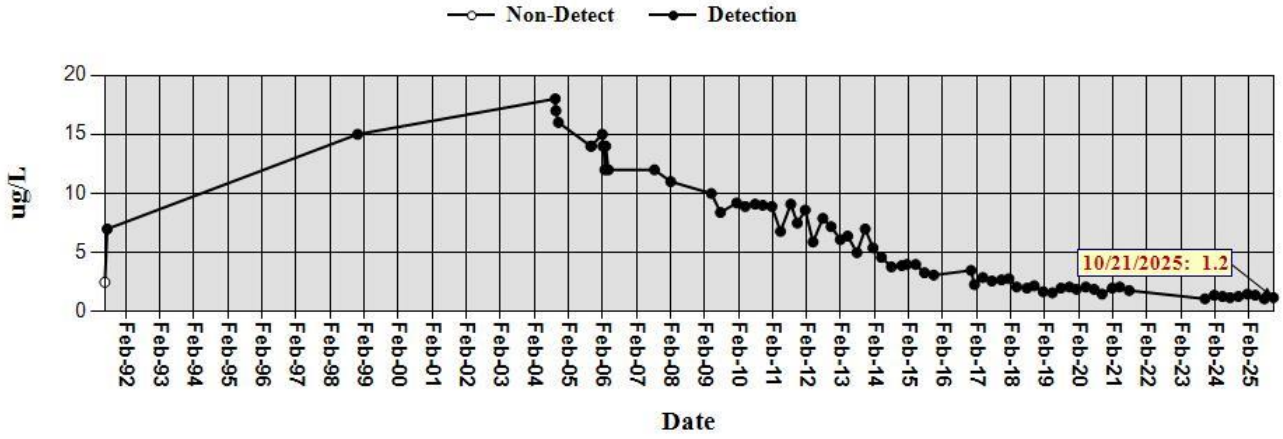
Well ID: PFE-3
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



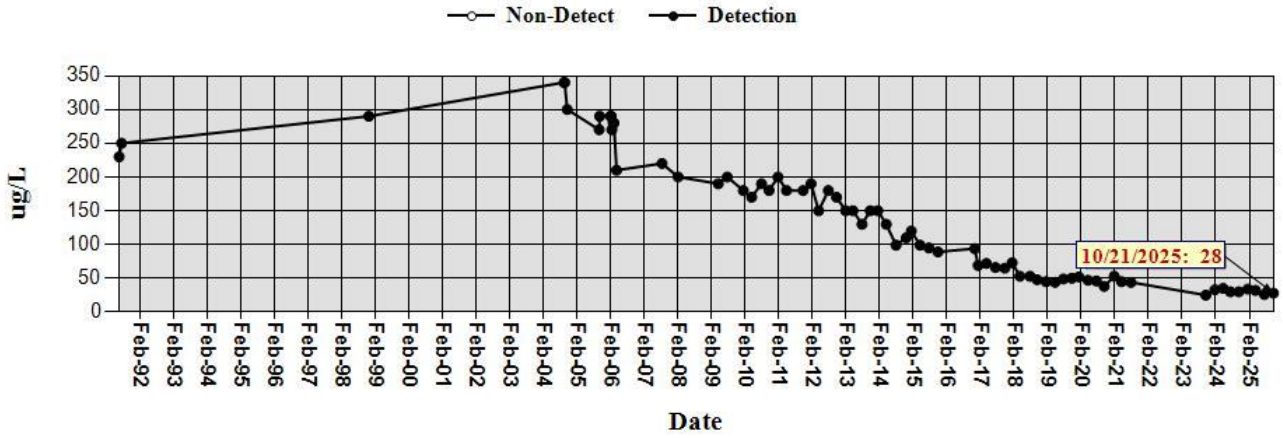
Well ID: PFE-3
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: PFE-3
CAS RN: 79-01-6 Trichloroethene

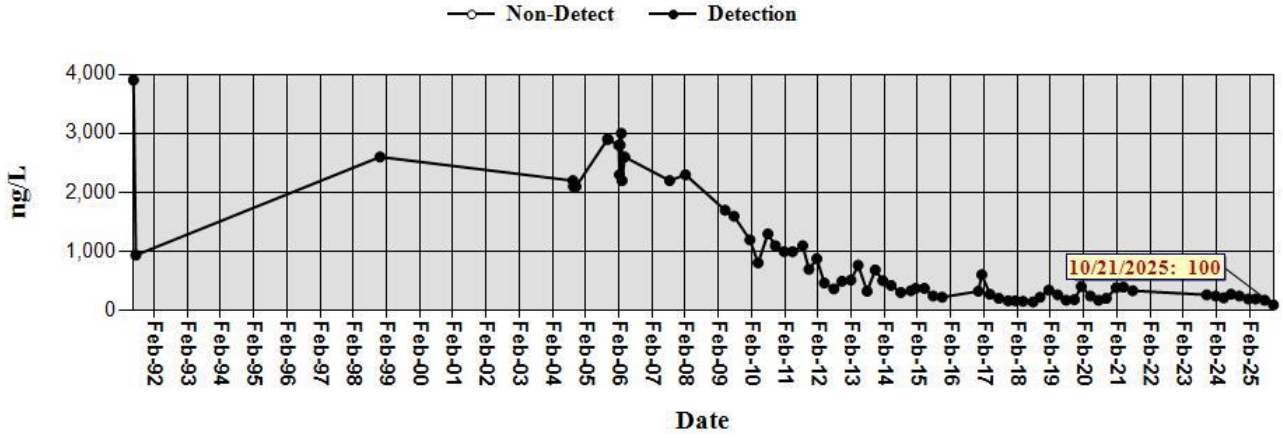
Analysis: 8260



Well ID: PFE-3
CAS RN: 62-75-9 N-Nitrosodimethylamine

Analysis: 607

Results are Corrected for Extraction Efficiency



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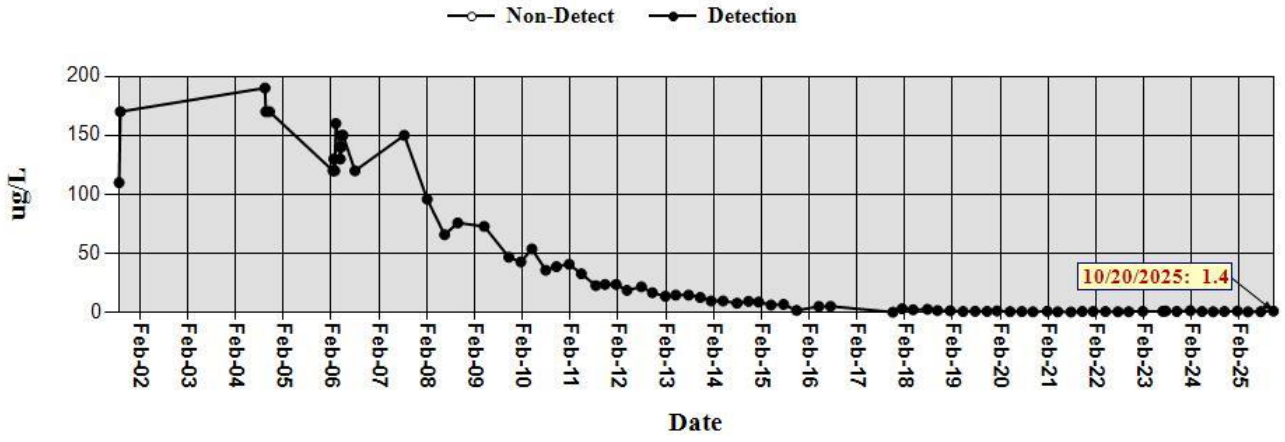
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



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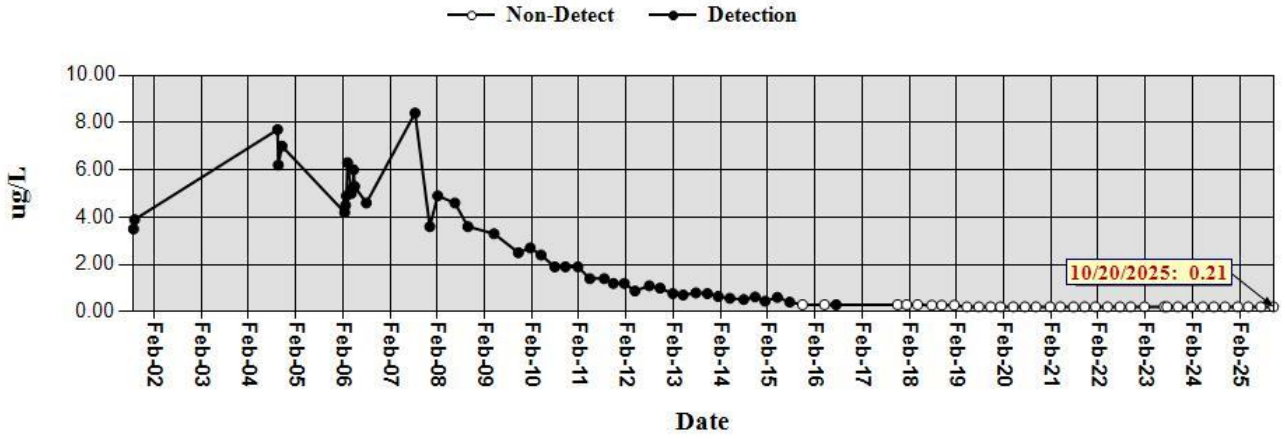
Analysis: 8260



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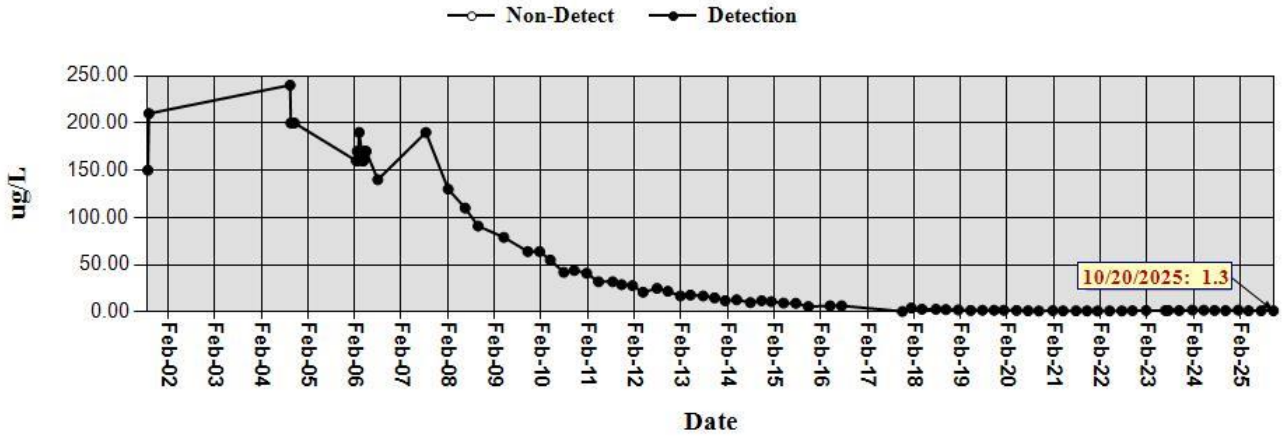
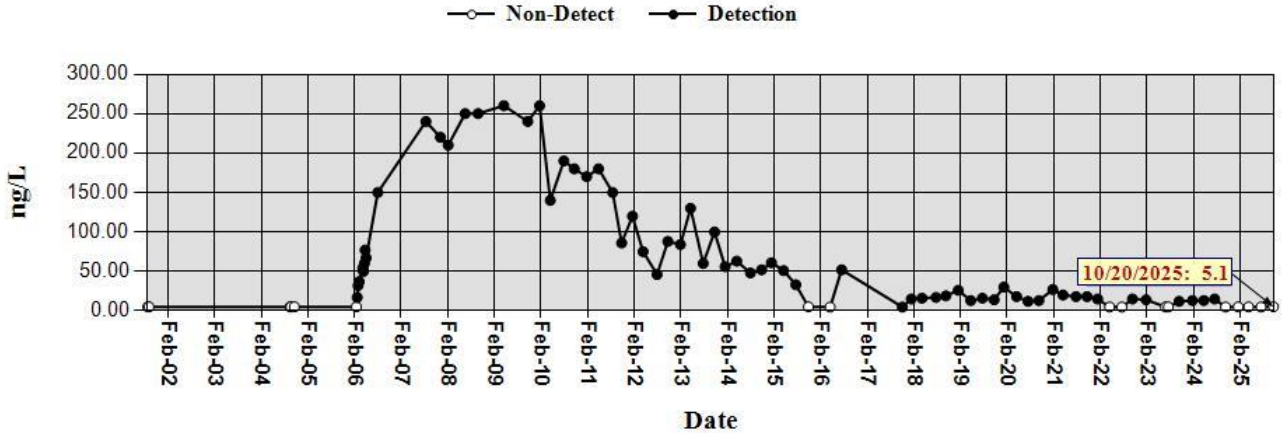
Analysis: 8260



Well ID: PFE-4A
CAS RN: 62-75-9 N-Nitrosodimethylamine

Analysis: 607

Results are Corrected for Extraction Efficiency



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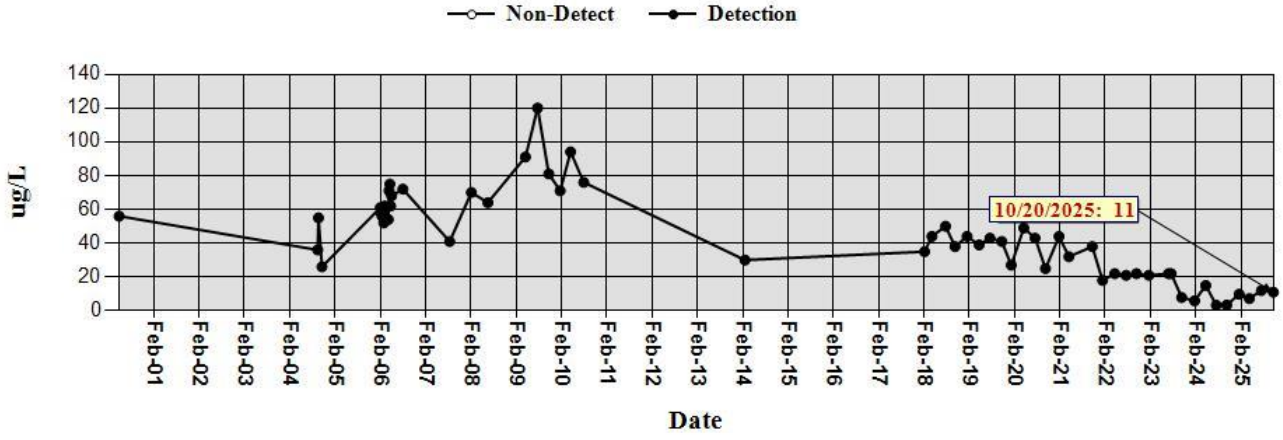
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



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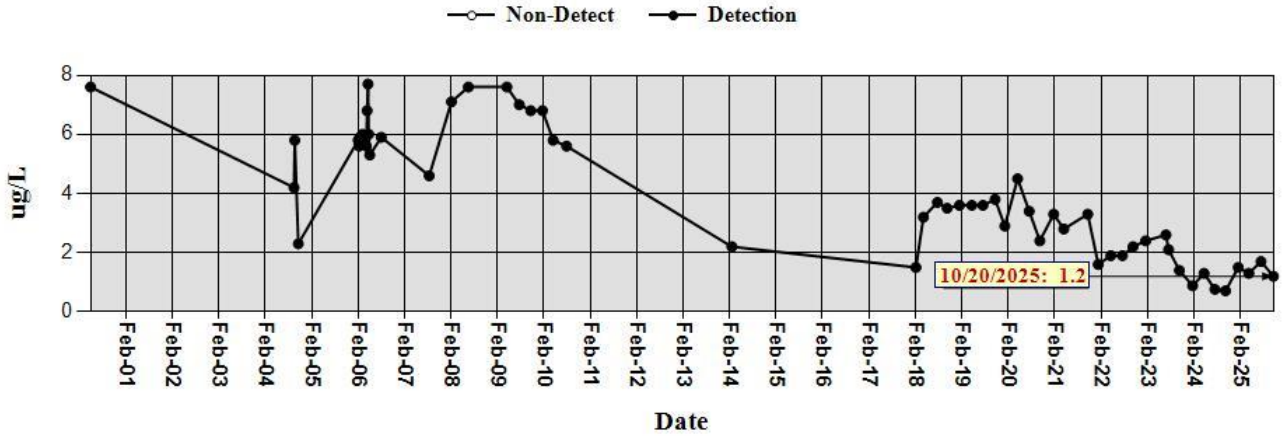
Analysis: 8260



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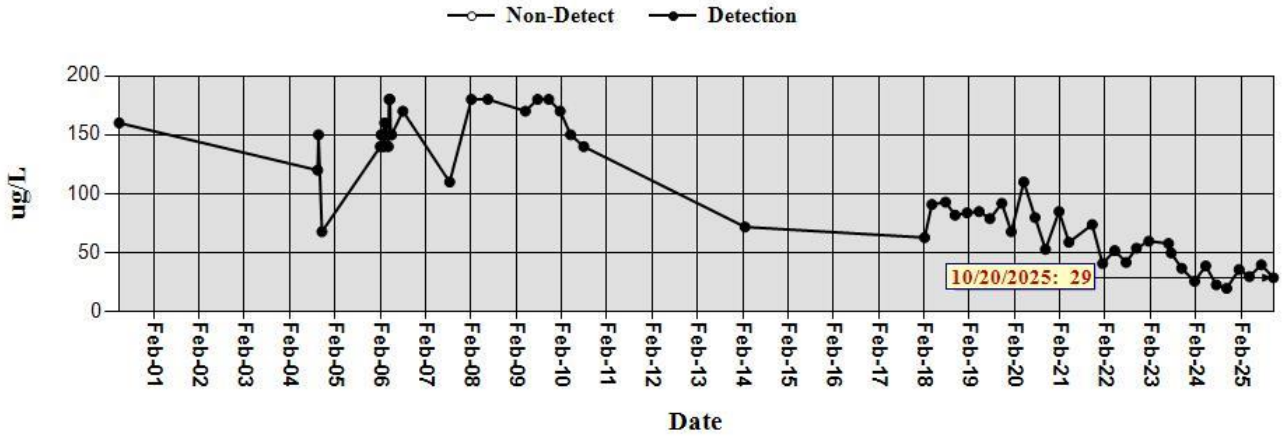
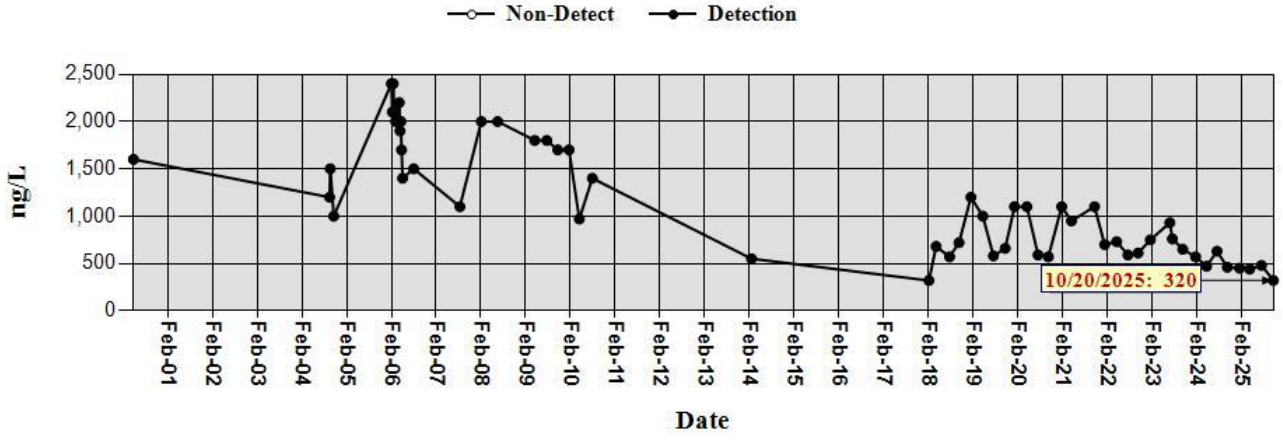
Analysis: 8260



Well ID: PFE-5
CAS RN: 62-75-9 N-Nitrosodimethylamine

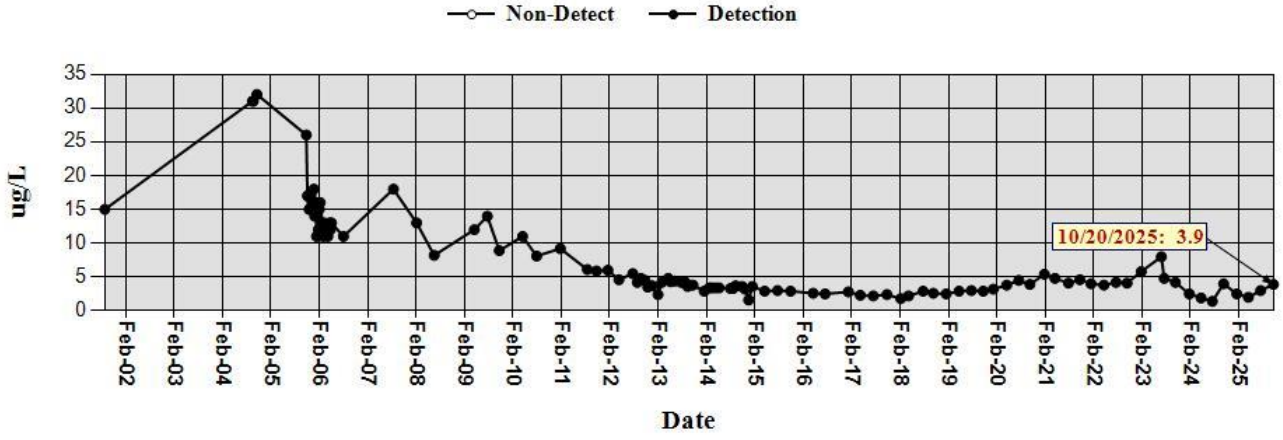
Analysis: 607

Results are Corrected for Extraction Efficiency



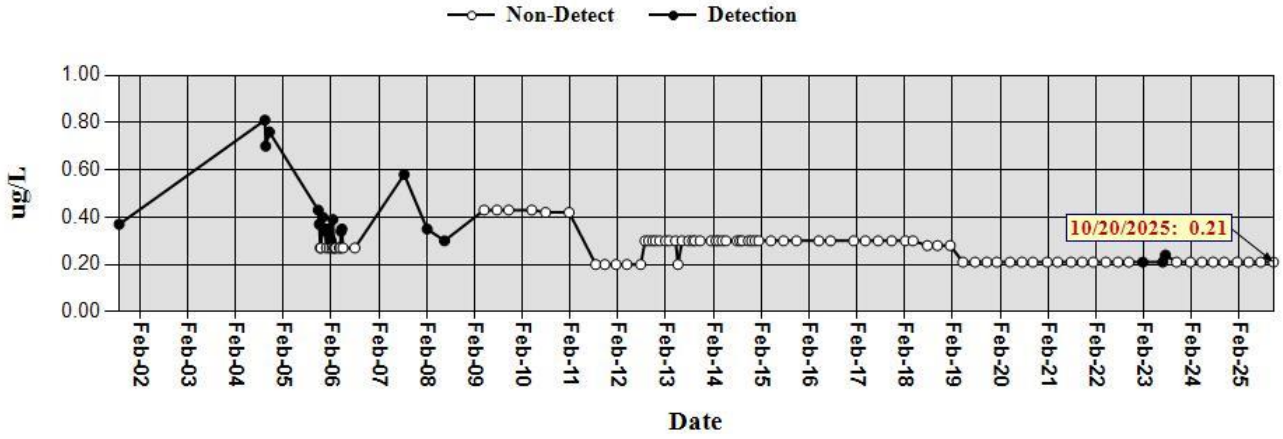
Well ID: PFE-7
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



Well ID: PFE-7
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



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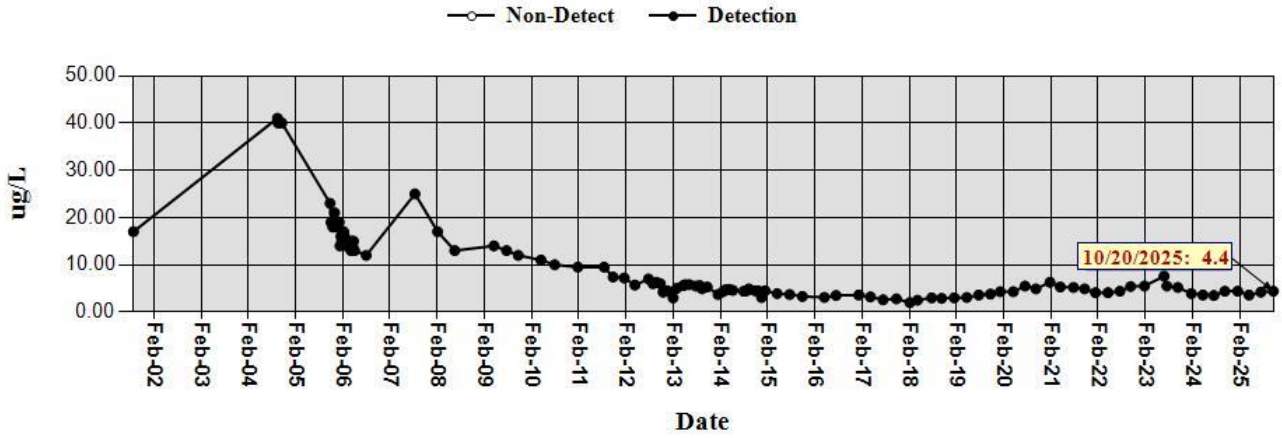
Analysis: 8260



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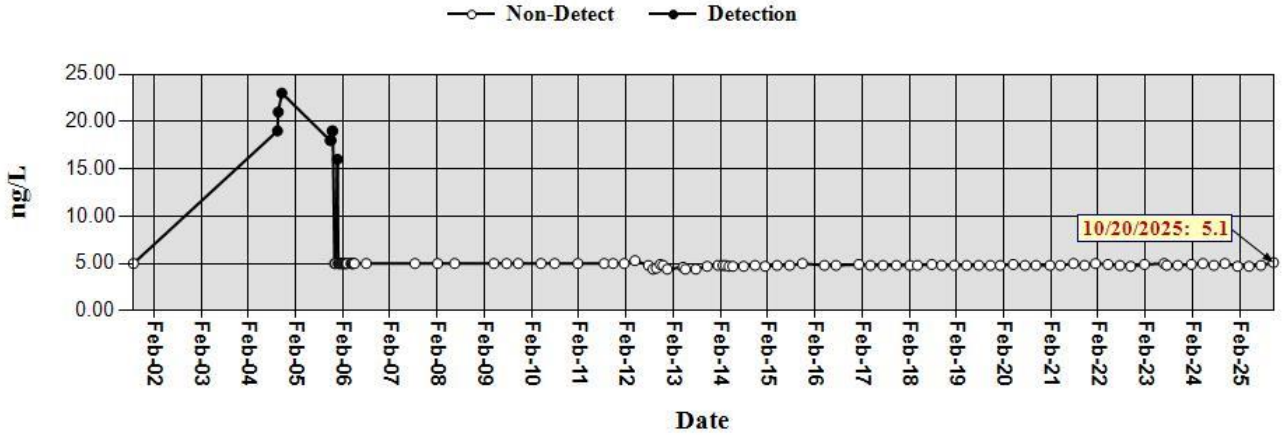
CAS RN: 62-75-9 N-Nitrosodimethylamine

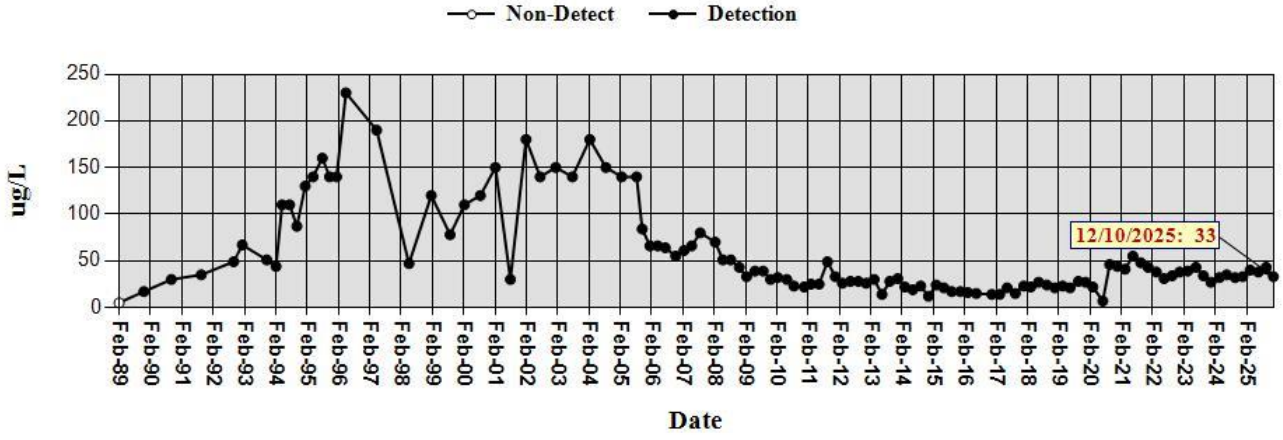
Analysis: 607

Results are Corrected for Extraction Efficiency



Well ID: PL-2-504
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



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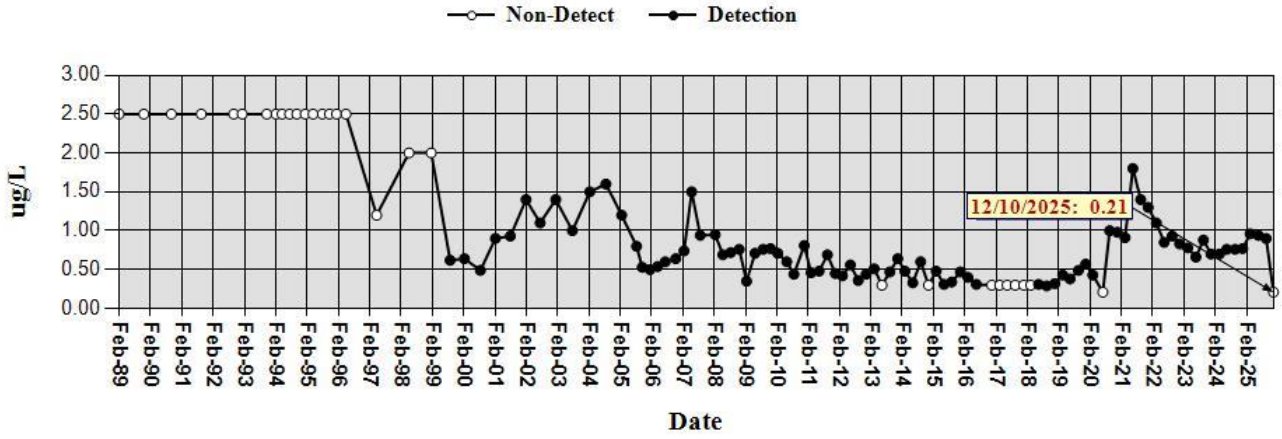
Analysis: 8260



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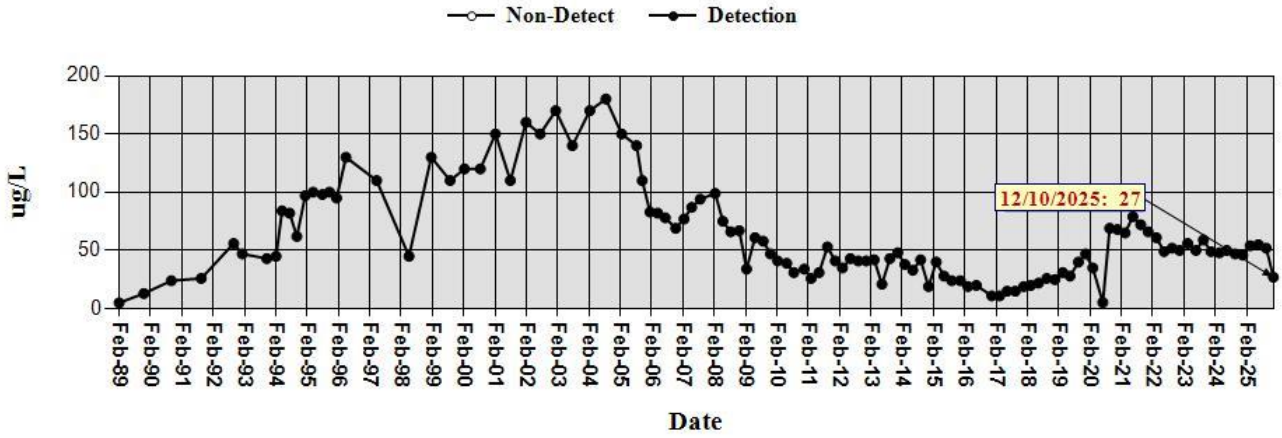
Analysis: 8260



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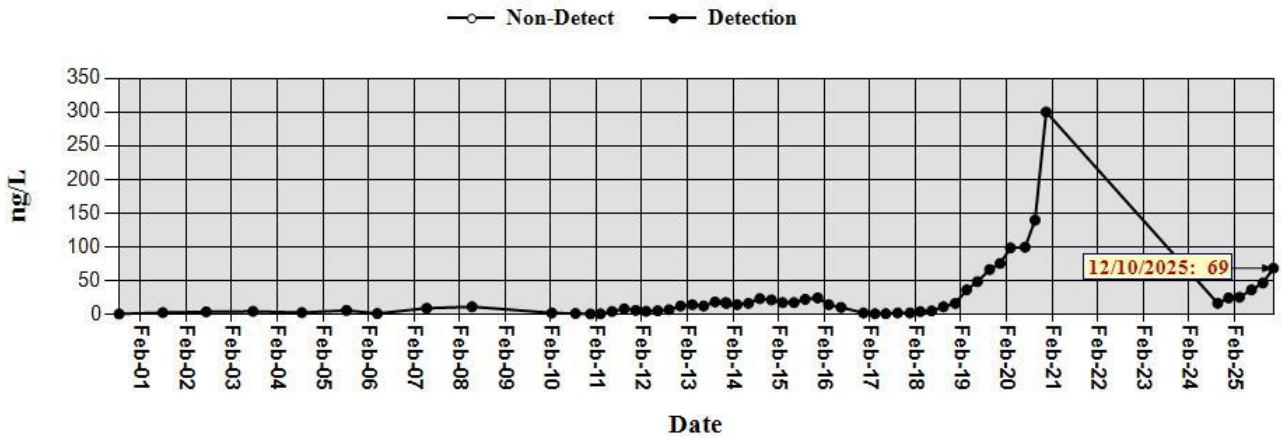
Analysis: NDMA_LL



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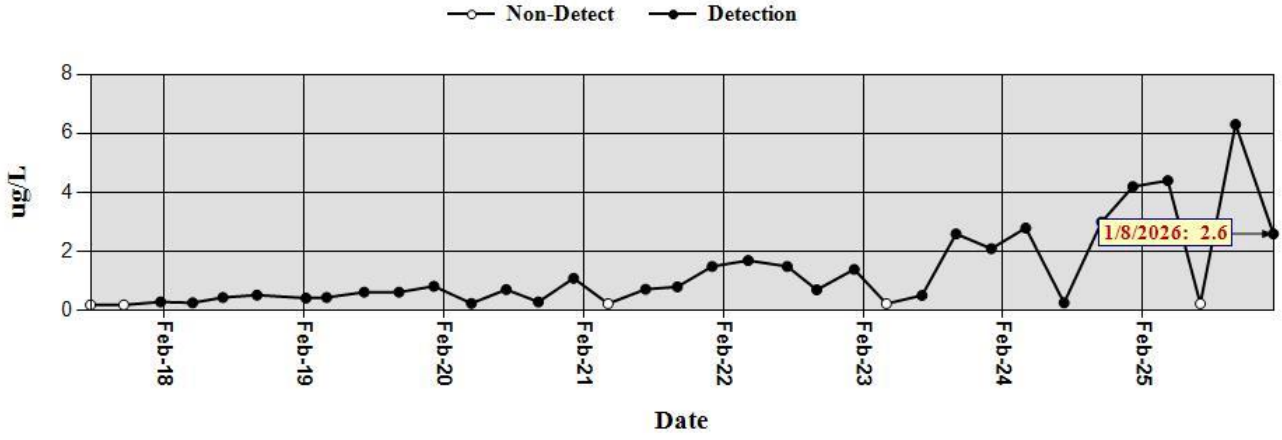
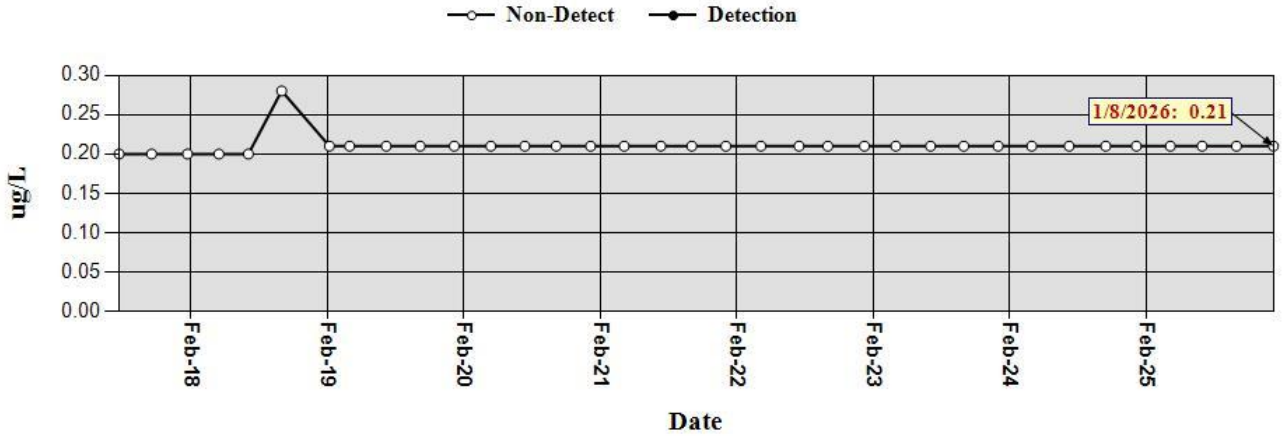
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



Well ID: ST-7-544
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



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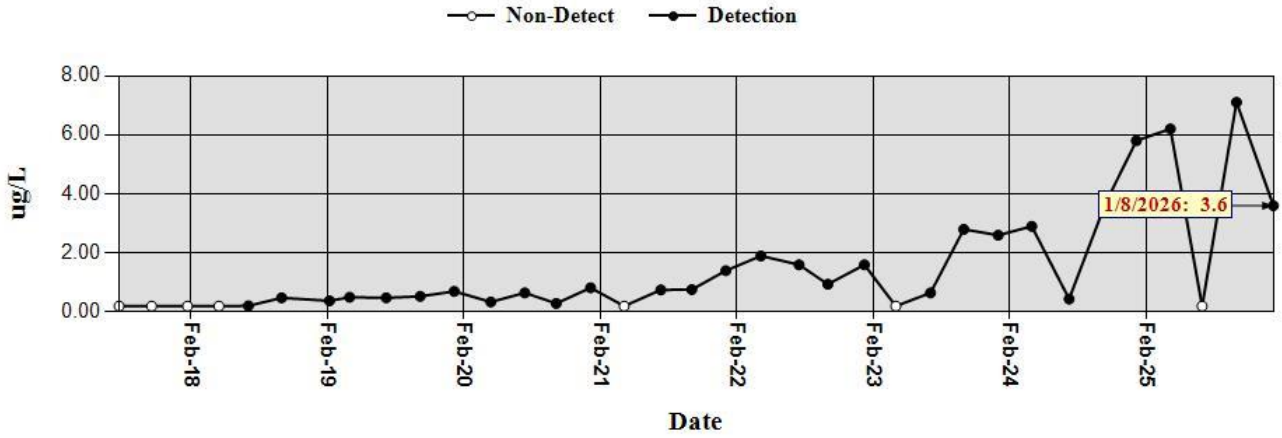
Analysis: 8260



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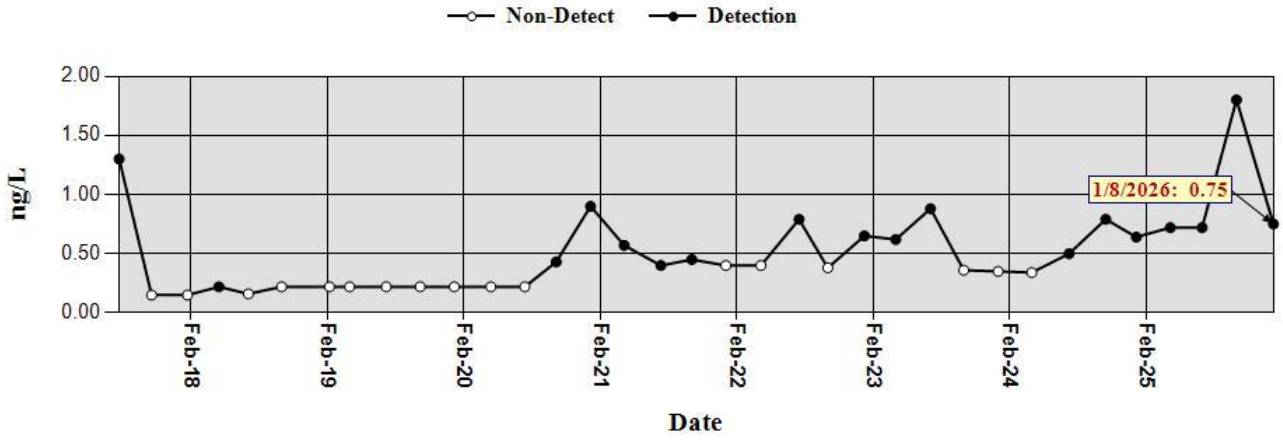
Analysis: NDMA_LL



Appendix F
Summary of Source Area Investigations

Appendix F Summary of Groundwater Monitoring Projects and Source Area Investigations

1.0 Groundwater Monitoring Well Abandonment, Installation, and Reconfiguration

1.1 Well Abandonment and Replacement

National Aeronautics and Space Administration (NASA) continued work to abandon and replace three monitoring wells in the first quarter of 2026 as described in subsequent sections.

1.1.1 Replacement Well 600C-002-GW

NASA submitted the NASA White Sands Test Facility (WSTF) Work Plan for Drilling and Installation of Monitoring Well 600C-002-GW and Abandonment of PL-6 on February 1, 2022 (NASA, 2022a). NASA received New Mexico Environment Department's (NMED's) March 3, 2022 Fee Assessment Work Plan for Abandonment of NASA WSTF Well PL-6 and Replacement with Monitoring Well 600C-002-GW and provided the $2,000 review fee on March 22, 2022 (NASA, 2022e). NMED approved the work plan on October 31, 2022 and directed NASA to submit a well completion report no later than September 29, 2023 (NMED, 2022a). Because of project scheduling issues, NASA submitted the Request for Extension of Time for Submittal of the Completion Report for Monitoring Well 600C-002-GW on September 15, 2023 (NASA, 2023s). NMED approved the request on October 4, 2023, extending the due date for submittal of the well completion report to July 31, 2024 (NMED, 2023l).

On July 31, 2024, NASA notified NMED that agency budget restrictions had resulted in an inability to proceed with scheduled well installation activities (NASA, 2024n). Subsequently, NASA recommended an alternate schedule for completion of the wells in Table 1.1 of the *NASA White Sands Test Facility (WSTF) Corrective Action Projects; Proposal to Restructure Priorities and Schedule* (NASA, 2024hh; Enclosure 1, pp 4-5). NMED directed NASA to submit requests for extension of time for submittal of the well completion reports (NMED, 2025a). NASA submitted the Request for Second Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-002-GW on April 29, 2025 (NASA, 2025k). NMED approved the request on July 7, 2025, extending the due date for submittal of the well completion report to December 1, 2026 (NMED, 2025g).

In December 2025, NASA prepared a well drilling site for replacement well 600C-002-GW. NASA's drilling subcontractor mobilized to WSTF on December 8, 2025 and focused initial efforts on the installation of replacement wells 600C-003-GW and 600C-004-GW (see next section). Following the completion of those wells in January 2026, the drilling subcontractor mobilized to the location for replacement well 600C-002-GW and began drilling operations, which continued for the remainder of the first quarter of 2026.

1.1.2 Replacement Wells 600C-003-GW and 600C-004-GW

NASA submitted the *NASA WSTF Work Plan for Drilling and Installation of Monitoring Wells 600C-003-GW and 600C-004-GW* on April 27, 2023 (NASA, 2023h). NASA received NMED's May 11, 2023 *Fee Assessment Work Plan for Abandonment of NASA WSTF Well BLM-1-435 and Replacement with Monitoring Well 600C-003-GW* and provided the $2,000 review fee on June 26, 2023. NASA received NMED's May 11, 2023 *Fee Assessment Drilling Work Plan for Proposed NASA WSTF Well 600C-004-GW* and provided the $2,000 review fee on June 26, 2023. NMED approved the work plan for well 600C-003-GW with modifications on November 27, 2023 (NMED, 2023r). NMED directed NASA to address two comments and submit a revised work plan no later than January 31, 2024 and the well completion report no later than December 31, 2024. NASA submitted the *Response to Approval with Modifications of*

the NASA WSTF Work Plan for Abandonment of NASA WSTF Well BLM-1-435 and Replacement with Monitoring Well 600C-003-GW on January 30, 2024 (NASA, 2024a). NMED approved the work plan for well 600C-004-GW on November 27, 2023 (NMED, 2023r) and directed NASA to provide a well completion report no later than November 30, 2024.

On July 31, 2024, NASA notified NMED that agency budget restrictions had resulted in an inability to proceed with scheduled well installation activities (NASA, 2024o). Subsequently, NASA recommended an alternate schedule for completion of the wells in Table 1.1 of the *NASA White Sands Test Facility (WSTF) Corrective Action Projects; Proposal to Restructure Priorities and Schedule* (NASA, 2024hh; Enclosure 1, pp 4-5). NMED directed NASA to submit requests for extension of time for submittal of the well completion reports (NMED, 2025a). NASA submitted the *Request for Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-003-GW* and the *Request for Extension of Time for Submittal of Well Completion Report for Monitoring Well 600C-004-GW* on April 29, 2025 (NASA, 2025j; 2025l). NMED approved the requests on July 2, 2025, extending the due date for submittal of the 600C-003-GW and 600C-004-GW well completion reports to December 1, 2027 and February 27, 2026, respectively (NMED, 2025c; 2025d). NASA completed planning for installation of these wells in the third and fourth quarters of 2025.

In November and early December 2025, NASA prepared well drilling sites for replacement wells 600C-003-GW and 600C-004-GW. NASA's drilling subcontractor mobilized to WSTF on December 8, 2025. NASA environmental and safety personnel completed equipment inspections and provided required safety briefings to subcontractor personnel. The drilling subcontractor mobilized to the location for well 600C-004-GW (replacement for well PL-3-453) and completed well drilling and installation activities during the week of December 15, 2025. The drilling subcontractor moved all equipment to the location of new monitoring well 600C-003-GW, which replaces former monitoring well BLM-1-435. They initiated drilling before leaving WSTF for the holidays on December 21, 2025. Following the holiday break, the drilling subcontractor completed drilling and installation of new well 600C-003-GW. They completed development of both new wells, installed dedicated sampling equipment, and performed initial groundwater sampling. NASA submitted the *Well Completion Report for Monitoring Well 600C-004-GW and Well Abandonment Report for Monitoring Well PL-3-453* on February 23, 2026 (NASA, 2026b).

1.1.3 Well BLM-28

NASA abandoned well BLM-28 in the first quarter of 2023 and provided the *Abandonment Report for NASA Well BLM-28* on March 14, 2023 (NASA, 2023d). NMED approved the report on February 6, 2024 (NMED, 2024c). Refer to Section 1.4.1 of this appendix for information related to replacement well 600B-001-GW.

1.1.4 Well BLM-30

NASA abandoned well BLM-30 in the first quarter of 2023. Because the well was initially scheduled for immediate replacement, abandonment information was to be included in the report detailing installation of the replacement well BLM-43. Refer to Section 1.4.2 of this appendix for information related to replacement well BLM-43.

1.1.5 Well NASA 9

In June 2020, NASA attempted to remove the dedicated low-flow bladder pump from well NASA 9 to extend the tubing and lower the pump intake due to declining water levels. During removal activities, the tubing bundle separated from the pump, and the pump then dropped into the 5-foot (ft) well sump. During attempts to recover the pump using special fishing tools, NASA discovered that the inside of the 2-inch stainless-steel casing was obstructed with small roots just above and below the static water level.

Numerous attempts to lock onto the top of the pump with the fishing tool were unsuccessful and the bladder pump could not be retrieved. On November 15, 2021, NMED approved the 2021 Groundwater Monitoring Plan (GMP) with a modification that directed NASA to submit a work plan for abandoning and replacing well NASA 9 (NMED, 2021i). NASA prepared and submitted the *Work Plan for Abandonment of NASA WSTF NASA 9 and Replacement with Monitoring Well 400-001-GW* on April 29, 2022 (NASA, 2022i). NMED approved the work plan on October 31, 2022 (NMED, 2022i). NASA abandoned well NASA 9 in the first quarter of 2023. In conjunction with supplemental drilling in the 300 Area, NASA installed the replacement groundwater monitoring well 400-001-GW in June 2024. The well was developed and sampled for the groundwater contaminants identified in the current NMED-approved GMP. Information on the abandonment of well NASA 9 is included in the August 30, 2024 *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 400-001-GW* (NASA, 2024u). NMED approved the WCR on January 22, 2026 (NMED, 2026) with modifications. NMED directed NASA to address two comments and submit a revised WCR no later than March 9, 2026. NASA addressed the two NMED comments in a response that also provided a revised report on February 25, 2026 (NASA, 2026c).

1.2 Well Abandonment

NASA completed project planning for the abandonment of well PFI-1 as indicated in the November 20, 2024 *Plugging and Abandonment of NASA Well PFI-1* (NASA, 2024dd). NASA mobilized the subcontracted drilling company to WSTF on March 31, 2025 and initiated well plugging activities in accordance with the approved plan. The team performed plugging activities during the week, completing well abandonment and demobilizing of the drilling crew on April 5, 2025. The drilling subcontractor submitted the *Well Plugging Record for PFI-1* to the NMOSE on April 18, 2025. NASA provided the *Abandonment Report for NASA Well PFI-1* to the NMED Hazardous Waste and Ground Water Quality Bureaus on May 8, 2025 (NASA, 2025n). NMED continued reviewing the report in the first quarter of 2026.

1.3 Well Installation

1.3.1 New Well 600C-001-GW

The installation of well 600C-001-GW has been deferred indefinitely (NASA, 2025m; NMED, 2025i).

1.4 Westbay Well Reconfiguration

Prior to calendar year 2020, NASA had reconfigured two Westbay wells (JP-3 and WW-2) to dual-zone dedicated low-flow bladder pumps and seven Westbay wells (BLM-32, JER-1, JER-2, ST-6, ST-7, WW-4, and WW-5) to multiport Water FLUTe sampling systems.

1.4.1 BLM-28/600B-001-GW

The installation of the replacement well for BLM-28, 600B-001-GW, has been deferred indefinitely (NASA, 2025l; NMED, 2025h).

1.4.2 BLM-30/BLM-43

On November 5, 2020, NMED issued an approval with modifications (NMED, 2020f) of NASA's plan to P&A well BLM-30 and replace it with new well BLM-43. NMED directed NASA to perform geophysical logging and to provide a well completion report for BLM-43 no later than November 30, 2021. NASA submitted the *Response to Approval with Modifications Work Plan for Abandonment of NASA WSTF Well*

BLM-30 and Replacement with Monitoring Well BLM-43 on February 3, 2021 (NASA, 2021a) and corresponded with the New Mexico Office of the State Engineer (NASA, 2021b) on the plugging plan for well BLM-30 and application for a permit to drill well BLM-43 on March 15, 2021. On September 28, 2021, NASA submitted the *Request for Extension of Time for Submittal of the Completion Report for Monitoring Well BLM-30 Abandonment and Installation of Replacement Monitoring Well BLM-43* (NASA, 2021m). NMED approved the request on October 27, 2021, which extended the due date for submittal of the report to November 30, 2022 (NMED, 2021h). NASA submitted the *Request for Second Extension of Time for Submittal of the Completion Report for Monitoring Well BLM-30 Abandonment and Installation of Replacement Monitoring Well BLM-43* on April 26, 2022 (NASA, 2022g). NMED approved the request on June 6, 2022 (NMED, 2022c), extending the due date for submittal of the well completion report to April 28, 2023. NASA abandoned well BLM-30 in the first quarter of 2023 and continued planning the installation of replacement well BLM-43. Information on the abandonment of well BLM-30 will be included in the well completion report for well BLM-43. NASA submitted the *Request for Third Extension of Time for Submittal of the Completion Report for Monitoring Well BLM-30 Abandonment and Installation of Replacement Monitoring Well BLM-43* (NASA, 2023f) on April 12, 2023l NMED approved the request on May 10, 2023 (NMED, 2023g), extending the due date for submittal of the well completion report to October 29, 2023. NASA submitted the *Request for Fourth Extension of Time for Submittal of the Completion Report for Monitoring Well BLM-30 Abandonment and Installation of Replacement Monitoring Well BLM-43* on September 15, 2023 (NASA, 2023t). NMED approved the request on October 4, 2023 (NMED, 2023k), extending the date for submittal of the completion report to July 31, 2024. Table 1.1 of the *NASA White Sands Test Facility (WSTF) Corrective Action Projects; Proposal to Restructure Priorities and Schedule* (NASA, 2024hh; Enclosure 1, page 5) provided NASA's recommendation for an alternate installation schedule. NMED directed NASA to submit a request for extension of time for submittal of the well completion report (NMED, 2025a). NASA submitted the Request for *Fifth Extension of Time for Submittal of the Completion Report for Monitoring Well BLM-30 Abandonment and Installation of Replacement Monitoring Well BLM-43* on April 29, 2025 (NASA, 2025f). NMED **conditionally** approved the request on July 2, 2025, extending the due date for submittal of the well completion report to December 1, 2028 (NMED, 2025f).

1.4.3 BW-4

NASA determined that well BW-4 could be reconfigured for continued use and submitted a well reconfiguration work plan for well BW-4 on June 29, 2021 (NASA, 2021f, p5). NMED approved the work plan on January 18, 2022 (NMED, 2022a) with modifications and direction to submit a well reconfiguration report no later than March 30, 2023 and a revised work plan no later than March 11, 2022. NASA submitted the *Response to Approval with Modifications of NASA WSTF Well Reconfiguration Work Plan for Well BW-4* on March 8, 2022 (NASA, 2022d). NASA abandoned the lower portion of the borehole in January 2023 and continued planning for final reconfiguration of the well (sampling system acquisition and installation). NASA submitted the *Reconfiguration Report for NASA Well BW-4* on March 21, 2023 (NASA, 2023e). NASA received NMED's April 6, 2023 fee assessment and invoice for review of the report and provided the $2,000 review fee on May 11, 2023 (NASA, 2023j). NMED disapproved the report on February 6, 2024 (NMED, 2024d) and directed NASA to address an NMED comment and submit a revised report no later than July 31, 2024. To provide additional time for required fieldwork at this well, NASA submitted the *Request for Extension of Time for Submittal of NASA White Sands Test Facility (WSTF) Response to the Disapproval of Reconfiguration Report for Well BW-4* (NASA, 2024k) on July 22, 2024. NMED approved the request on July 31, 2024, extending the due date for submittal of the revised report to November 30, 2024 (NMED, 2024g). NASA performed additional fieldwork at the well to address NMED comments and submitted the *Response to Disapproval of Reconfiguration Report for NASA Well BW*-4 on November 21, 2024 (NASA, 2024ee). NMED continued reviewing this submittal in the first quarter of 2026.

1.4.4 Data Representativeness and Westbay Well Reconfiguration Plan

The FLUTe Data Representativeness investigation took the form of isolation and serial sampling of four zones of well WW-4 with the FLUTe liner removed. NASA completed the groundwater data representativeness evaluation performed at groundwater monitoring well WW-4 and submitted the *Groundwater Data Representativeness Phase 1: Water FLUTe Well Evaluation Abbreviated Investigation Report* to NMED on February 27, 2020 (NASA, 2020c, pp2-13). NMED reviewed the *Groundwater Data Representativeness Phase 1: Water FLUTe Well Evaluation Abbreviated Investigation Report* (February 27, 2020) and on June 3, 2021 issued an Approval with Modifications (NMED, 2021f). This approval required a change to the investigation report indicating a need for an expanded investigation, and a subsequent work plan for the investigation. NASA submitted a response to the approval with modifications on August 17, 2021 (NASA, 2021k, p14). NASA followed that with submittal of the *Abbreviated Investigation Work Plan for Groundwater Data Representativeness, Phase 2: FLUTe Well Evaluation* on November 2, 2021 (NASA, 2021n). NMED approved the work plan on August 8, 2022 (NMED, 2022f). NASA performed the required fieldwork and submitted the *Groundwater Data Representativeness Phase 2: Water FLUTe Well Evaluation Abbreviated Investigation Report* on April 27, 2023 (NASA, 2023g). NASA received NMED's May 1, 2023 fee assessment and invoice for review of the report and provided the $10,000 review fee on June 26, 2023. NMED disapproved the report on February 6, 2024 (NMED, 2024d) and directed NASA to address eight comments and submit a revised report no later than July 31, 2024. NASA submitted the *Groundwater Data Representativeness Phase 2 Disapproval Response: Water FLUTe Well Evaluation Abbreviated Investigation Report* on July 31, 2024 (NASA, 2024n).

The Westbay Well Reconfiguration Plan required time extensions to allow NASA to evaluate data from FLUTe sampling systems currently in place at WSTF, in the form of data from Westbay wells converted to FLUTe, and from laboratory testing of the FLUTe sample components. Beginning in 2020, NMED approved an extension request to submit the well reconfiguration work plan no later than December 31, 2020 (NMED, 2020a). On November 30, 2020, NASA submitted a *Request for Fourth Extension of Time for Well Reconfiguration Work Plan* (NASA, 2020h). NMED approved the fourth extension request for submittal of the well reconfiguration work plan for wells PL-6, PL-7, PL-8, PL-10, ST-5, and WW-3 on January 25, 2021 (NMED, 2021a). NASA submitted the *Westbay Well Reconfiguration Work Plan for Wells PL-7, PL-8, PL-10, ST-5, and WW-3* to NMED on April 29, 2021 (NASA, 2021c, pp2-4). NMED disapproved the work plan on February 6, 2024 (NMED, 2024d) and directed NASA to address an NMED comment and submit a revised work plan no later than July 31, 2024. NASA identified an opportunity to improve the revised work plan through additional technical review and submitted the *NASA WSTF Westbay Well Reconfiguration Work Plan for Wells PL-7, PL-8, PL-10, ST-5, and WW-3 Extension Request* on August 2, 2024 (NASA, 2024p). NASA subsequently submitted the *Response to Disapproval of the NASA WSTF Westbay Well Reconfiguration Work Plan for Wells PL-7, PL-8, PL-10, ST-5, and WW-3* on August 30, 2024 (NASA, 2024t). NMED approved the revised work plan on January 22, 2026 with a comment indicating NASA's future well reconfiguration work may need to be evaluated to ensure that waste generated during the reconfiguration of Westbay wells is not hazardous waste in accordance with new regulations for PFAS-containing waste.

2.0 Source Area Investigations

2.1 200 Area

At the start of 2020, NMED approved a request for extension on January 16, 2020 for NASA to respond to 12 comments and submit a revised investigation report by February 3, 2020 (NMED, 2020b). NASA developed the required responses to the 12 comments in NMED's June 5, *2019 Disapproval 200 Area and 600 Area Vapor Intrusion Assessment Report* (NMED, 2019b) and submitted the *NMED Disapproval*

Response for 200 Area and 600 Area Vapor Intrusion Assessment Report on January 30, 2020 (NASA, 2020b). NMED disapproved the report on September 20, 2022 and directed NASA to address three multipart comments and submit a revised report no later than April 28, 2023 (NMED, 2022h). NASA addressed NMED's three multipart comments in their disapproval and submitted the *Response to Second Disapproval 200 and 600 Area Vapor Intrusion Assessment Report* on April 27, 2023 (NASA, 2023i). NMED approved the revised report with modifications on April 18, 2024 (NMED, 2024e). NMED directed NASA to address four comments and submit a revised report no later than July 31, 2024. NASA submitted the *Response to Approval with Modifications for the 200 and 600 Area Vapor Intrusion Assessment Report (VIAR)* on July 19, 2024 (NASA, 2024i). NMED's April 18, 2024 approval also included direction for NASA to prepare a follow-on soil vapor monitoring plan for the 200 and 600 Areas and provide it for NMED review no later than November 27, 2024. NASA submitted the follow-on *200 and 600 Area Vapor Monitoring and Intrusion Assessment (VMIA) Abbreviated Investigation Work Plan (AIWP)* on November 26, 2024 (NASA, 2024ff). The plan remained in NMED review during the first quarter of 2026.

2.2 300 Area

Work in the 300 Area is directly connected to investigation and closure of the adjacent 400 Area. Prior to 2020, NASA's May 30, 2019 *300 Area Supplemental Abbreviated Drilling Work Plan* (NASA, 2019b) was the first document submitted. NMED disapproved the work plan on March 19, 2021 (NMED, 2021c) and directed NASA to address four comments and submit a revised work plan no later than July 30, 2021. NASA submitted the *Response to Disapproval of 300 Area Supplemental Abbreviated Drilling Work Plan* on July 14, 2021 (NASA, 2021g). NMED approved the revised work plan on May 2, 2023 (NMED, 2023f). During the third quarter of 2023, NASA identified an opportunity to acquire additional subsurface data during the planned investigation and submitted the *Expanded Scope Proposed for the 300 Area Supplemental Abbreviated Drilling Work Plan (ADWP)* on September 11, 2023 (NASA, 2023r). NMED approved the expanded scope on November 1, 2023 (NMED, 2023o).

NASA completed project planning for the installation of additional groundwater monitoring wells in the 300 Area Closures in accordance with the NMED-approved drilling work plan and initiated fieldwork in April 2024. In addition to the initial project scope, NASA planned to perform an NMED-approved matrix diffusion study at two boreholes in conjunction with heat pulse flow meter and optical televiewer logging.

NASA and the responsible drilling and matrix diffusion subcontractors began investigation fieldwork on April 8, 2024. NASA completed drilling, soil sampling, CORE DFN (matrix diffusion) sampling, and geophysical logging at the borehole for well 300-002-GSV. NASA installed the multiport soil vapor and groundwater monitoring (MSVGM) well 300-002-GSV in the borehole by May 7, 2024 in accordance with the approved plan. Following completion of well 300-002-GSV, equipment was mobilized to the second 300 Area drilling location and NASA performed drilling, soil sampling, CORE DFN sampling, and geophysical logging at the borehole for well 300-001-GSV. NASA installed MSVGM well 300-001-GSV by June 4, 2024 in accordance with the approved plan. This completed drilling and well installation work in the 300 Area and equipment was mobilized to the 400 Area. NASA drilled and installed groundwater monitoring well 400-001-GW (required by NMED to replaced failed groundwater monitoring well NASA 9) by June 18, 2024. On June 25, 2024, the drilling subcontractor mobilized well development equipment and NASA completed development of groundwater monitoring wells 300-001-GSV, 300-002-GSV, and 400-001-GW by June 27, 2024. In the third quarter 2024, NASA performed sampling at three new monitoring wells in the 300 and 400 Areas. During the first quarter of 2025, NMED continued reviewing the *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 300-001-GSV* (NASA, 2024x) and the *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 300-002-GSV* (NASA, 2024y), which NASA submitted on October 3, 2024. Soil vapor samples from the initial monitoring event performed at wells 300-001-GSV and 300-002-GSV on December 12, 2024 exceeded 30-day holding times at the contracted analytical laboratory due to rolling

power outages in California in January 2025. The wells were resampled on February 19, 2025 to provide soil vapor analytical data for follow-on reports. NASA submitted the *Supplemental Soil Vapor Analytical Data (Appendix G) for the 300-001-GSV Well Completion Report (WCR)* and the *Supplemental Soil Vapor Analytical Data (Appendix G) for the 300-002-GSV Well Completion Report (WCR)* on April 7, 2025 (NASA, 2025d; 2025e). NMED continued reviewing the report during the first quarter of 2026.

2.3 400 Area

Prior to 2020, NASA's last submittal for the 400 Area was the December 30, 2019 400 *Area Closure Investigation Report* (NASA, 2019k; revised). NMED disapproved report on March 19, 2021 (NMED, 2021d) and directed NASA to address 17 comments and submit a revised report no later than July 30, 2021. NASA submitted the *NASA WSTF 400 Area Closure Investigation Report – NMED Third Disapproval Response* on July 27, 2021 (NASA, 2021j, Response Table). NMED approved the third revision of the *NASA WSTF 400 Area Closure Investigation Report* with modifications on May 2, 2023 (NMED, 2023f). NASA addressed three NMED comments and submitted a revised report on July 11, 2023 (NASA, 2023p).

NASA also submitted the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* on May 29, 2019 (NASA, 2019a) and the related *300 Area Supplemental Abbreviated Drilling Work Plan* (NASA, 2019b) (see Section 2.2) for two additional multiport soil vapor and groundwater monitoring wells in the 300 Area. NMED disapproved the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* on March 15, 2021 (NMED, 2021b), and NMED directed NASA to address three comments and submit a revised monitoring plan no later than July 30, 2021. NASA submitted the *Response to Disapproval of 400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* on July 14, 2021 (NASA, 2021h, Response Table). NMED approved the revised *400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* with modifications on May 2, 2023 (NMED, 2023f). NASA addressed three NMED comments, prepared a revised monitoring plan, and submitted the *Response to Approval with Modifications 400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* on July 11, 2023 (NASA, 2023n).

NASA performed project planning to implement the NMED-approved *400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* (NASA, 2023n). Required sample containers and related materials were acquired in January 2024 and NASA performed groundwater and soil vapor sampling in accordance with the approved plan on February 26-28, 2024. All samples were shipped to the subcontracted analytical laboratories. NASA received groundwater and soil vapor analytical data and continued preparation of the quarterly monitoring report for submittal to NMED. Due to other project constraints, NASA submitted the *Request for Extension of Time for Submittal of NASA White Sands Test Facility (WSTF) 400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – First Quarter 2024* on May 6, 2024 (NASA, 2024g). NMED approved the request on May 16, 2024, extending the due date for submittal of the report to July 30, 2024 (NMED, 2024g). Because of additional resource limitations, NASA submitted the *Request for Second Extension of Time for Submittal of NASA White Sands Test Facility (WSTF) 400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – First Quarter 2024* on July 22, 2024 (NASA, 2024l). NMED approved the request on July 31, 2024, extending the due date for submittal of the report to August 30, 2024 (NMED, 2024h). NASA submitted the *NASA White Sands Test Facility (WSTF) 400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – First Quarter 2024* on August 30, 2024 (NASA, 2024s) and subsequently submitted the *Resubmittal of NASA White Sands Test Facility (WSTF) 400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – First Quarter 2024* on September 5, 2024 to resolve discrepancies between figures and tables in the report (NASA, 2024v). NMED continued reviewing the report in the first quarter of 2026.

NASA performed groundwater and soil vapor sampling for the second quarter of 2024 on May 28-30, 2024. Groundwater and soil vapor samples were shipped to the subcontracted analytical laboratories. NASA received and processed chemical analytical data from groundwater and soil vapor samples during the second and third quarters of 2024 and prepared the *NASA WSTF 400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – Second Quarter 2024*, which was submitted to NMED on November 26, 2024 (NASA, 2024gg). NMED continued reviewing the report in the first quarter of 2026.

NASA performed groundwater and soil vapor sampling for the third quarter of 2024 on August 26-28, 2024 and shipped the samples to the subcontracted analytical laboratories. NASA received chemical analytical data for these samples during the fourth quarter of 2024 and processed analytical data for inclusion in the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – Third Quarter 2024*, which NASA provided for NMED review on February 25, 2025 (NASA, 2025b). NMED continued reviewing the fourth in the first quarter of 2026.

NASA performed groundwater and soil vapor sampling for the fourth quarter of 2024 on December 9-12, 2024 and shipped the samples to the subcontracted analytical laboratories. NASA received chemical analytical data for these samples during the first quarter of 2025. Data were verified and validated in accordance with standard WSTF procedures and used to develop the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Report – Fourth Quarter 2024*, which NASA submitted to NMED on May 29, 2025 (NASA, 2025o). NMED continued reviewing the report in the first quarter of 2026.

2.4 600 Area Perched Groundwater Investigations

2.4.1 600 Area Perched Groundwater Extraction

NASA initiated extraction of perched groundwater from monitoring well 600-G-138 on April 19, 2013 in accordance with the NMED-approved *600 Area Perched Groundwater Extraction Pilot Test Work Plan* (NASA, 2012). NASA has continued to extract groundwater in accordance with the plan and submit updates in the quarterly Environmental Activity Reports and annual status reports. During the third quarter of 2025, NASA extracted 313 gallons of contaminated groundwater from well 600-G-138, bringing the total to 23,934 gallons removed since the project began. In July 2025, NASA suspended perched groundwater extraction in the 600 Area because of budget limitations. On April 28, 2025, NASA submitted the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 12* (NASA, 2025e). NMED continued reviewing the report in the first quarter of 2026.

During the first quarter of 2025, NASA identified an opportunity to improve efficiency in field operations related to perched groundwater extraction and submitted the *PGEPT 2025 Transition to TMRP Reporting Proposal* for NMED review on February 19, 2025 (NASA, 2025a). The proposal recommends transitioning future 600 Area perched groundwater extraction reports into planned reports for Phase 2 of the pilot test for the Targeted Mobile Remediation Process, when it resumes. NMED approved the request with comments on November 17, 2025 (NMED, 2025l). However, with the suspension of perched groundwater extraction and the postponement of TMRP Phase 2 to FY2027, integrated reporting will also be postponed.

2.4.2 600 Area Perched Groundwater Investigation

At the start of 2020, a 600 Area Perched Groundwater investigation and report was scheduled in accordance with the *Abbreviated Investigation Work Plan for 600 Area Perched Groundwater* (NASA, 2016b). This work plan was subsequently changed per NASA's August 7, 2019 *Request to Remove Electrical Resistivity Component of the 600 Area Perched Groundwater Geophysical Survey*

based on Geophysical Subcontractor Input Received during the Procurement Process (NASA, 2019e) and NMED's August 23, 2019 approval (NMED, 2019c).

In 2019, NASA performed a seismic reflection and reflection survey in accordance with the AIWP and work scope modification (NASA, 2019i). NASA provided the *Synopsis of the Findings of the 600 Area Closure Geophysical Seismic Refraction Tomography and Reflection Surveys with Revised Soil Boring Locations Submitted for NMED Approval* on December 19, 2019 (NASA, 2019j). Because of an indeterminate review period for that status report and the start of drilling dependent on approval of the boring locations recommended therein, NASA submitted a *Request for Extension of Time for Submittal of the 600 Area Perched Groundwater Investigation Report* on March 24, 2020 (NASA, 2020d). NMED approved the extension on July 1, 2020 to 150 days after NMED provides comments (NMED, 2020d).

On December 22, 2020, NMED issued its *Approval with Modifications 600 Area Closure Geophysical Survey Status Report* (NMED, 2020g) and established a due date for the 600 Area Perched Groundwater Investigation Report of December 31, 2021. On May 18, 2021, NASA provided the *Response to NMED Approval with Modifications for the 600 Area Closure Geophysical Survey Status Report – Comment 2 (Further Investigation)* (NASA, 2021d) in which NASA proposed a different approach for collection of geophysical data up- and down-gradient of the 600 Area Closure. The accuracy of the 600 Area geophysical survey would be assessed by comparing the actual bedrock depths from six NMED-approved perched groundwater investigation borings to the predicted depths from the geophysical survey before expanding the geophysical survey. NMED concurred with the approach on July 6, 2021 (NMED, 2021g). During the remainder of 2021, NASA performed planning and procurement activities in preparation for investigation fieldwork, which was initiated in January 2022.

NASA suspended extraction of perched groundwater from monitoring well 600-G-138 for much of January 2022 to reduce the impact on the perched groundwater aquifer and maximize the potential of locating perched groundwater during the perched groundwater investigation. NASA completed soil boring installation field activities for the perched groundwater investigation in accordance with NMED's *Approval with Modifications 600 Area Closure Geophysical Survey Status Report* (NMED, 2020g). The off-site drilling subcontractor installed all six soil borings between January 4 and January 27, 2022 in the vicinity of the 600 Area Closure to depths of approximately 145 to 180 feet bgs. The soil borings were located in potential bedrock lows identified using the geophysical seismic survey performed previously as part of the investigation. The soil borings transcended the alluvial overburden into the top of the andesite bedrock in search of perched groundwater on the alluvial-bedrock interface. NASA identified perched groundwater at one location adjacent to the north corner of the Closure and installed groundwater well 600A-001-GW. NASA also installed a conventional monitoring well 600A-002-GW downgradient to the west of the Closure in andesite bedrock. This boring encountered the deeper fractured bedrock aquifer at the projected total depth of the soil boring and was subsequently drilled deeper than the planned depth to facilitate installation of the groundwater monitoring well. The remaining four soil borings did not encounter perched groundwater and were plugged and abandoned in accordance with the NMED-approved work plan. NASA performed colloidal borescope evaluations at the two new wells 600A-001-GW and 600A-002-GW, existing perched groundwater monitoring well 600-G-138, and 12 other conventional wells in the fractured bedrock aquifer with significant locations relative to the evaluation of regional flow.

NASA developed new conventional monitoring wells 600A-001-GW and 600A-002-GW, and in May 2022, NASA performed initial sampling in accordance with the applicable NMED-approved Groundwater Monitoring Plan. NASA prepared and submitted the *Request for a "Contained-in" Determination for Contaminated Media Associated with the 600 Area Perched Groundwater Abbreviated Investigation Work Plan* on March 22, 2022 (NASA, 2022f). NMED approved the request and granted a "*no longer contained in determination*" on April 18, 2022 (NMED, 2022b). NASA prepared and submitted the *600*

Area Perched Groundwater Investigation Report on June 29, 2022 (NASA, 2022j) and provided the fee for review of the report on August 9, 2022 (NASA, 2022l). NASA shipped the soil cuttings generated from the drilling activities off-site on June 15, 2022 for disposal as solid waste. NASA suspended regularly scheduled sampling of wells 600A-001-GW and 600A-002-GW in December 2022 because of equipment failure. NASA obtained replacement sampling equipment in December 2022 for use in January 2023. Upon further evaluation, NASA determined that previous development of these wells using on-site equipment after colloidal borescope tests may have been inadequate. NASA acquired the services of an off-site subcontractor to perform additional development at these wells prior to sampling and scheduled development work for October 2023. The subcontractor performed some development work, but additional developing with site-specific equipment was required. During the first quarter of 2024, NASA obtained, configured, and tested well development equipment and initiated the additional development of wells 600A-001-GW and 600A-002-GW. NASA completed final development of the two wells and performed initial sampling in June 2024.

NMED approved the *600 Area Perched Groundwater Investigation Report* (June 29, 2022) with modifications on June 29, 2023 (NMED, 2023h). NMED directed NASA to address five comments and submit a revised report no later than August 31, 2023. NASA submitted the *Response to Approval with Modifications 600 Area Perched Groundwater Investigation Report* on August 30, 2023 (NASA, 2023q). In the Approval with Modifications, NMED also directed NASA to develop a work plan for additional investigation of perched groundwater in the 600 Area and submit it for NMED review no later than November 30, 2023. NASA submitted the *600 Area Perched Groundwater Phase II Abbreviated Investigation Work Plan* on November 27, 2023 (NASA, 2023x). NASA received NMED's January 10, 2024 fee assessment for review of the work plan (NMED, 2024b) and provided the $15,000 review fee on February 5, 2024 (NASA, 2024b). NMED approved the work plan on November 5, 2024 (NMED, 2024k). NASA recommended an alternate schedule for performing Phase 2 of 600 Area perched groundwater investigation in Table 2.1 of the *NASA White Sands Test Facility (WSTF) Corrective Action Projects; Proposal to Restructure Priorities and Schedule* (NASA, 2024hh; Enclosure 2, page 6). NMED directed NASA to submit a request for extension of time for submittal of the final investigation report (NMED, 2025a). NASA submitted the *Request for Extension of Time for Submittal of 600 Area Perched Groundwater Phase II Investigation Report* on April 29, 2025 (NASA, 2025h). On July 2, 2025, NMED approved the extension request, extending the due date for submittal of the Phase II investigation report to September 30, 2028 (NMED, 2025b).

Late in the first quarter of 2025, NASA began project planning for Phase 2a of the investigation. In April 2025, NASA completed Phase IIa project planning and mobilized the Groundwater Magnetic Resonance (GMR) survey subcontractor to WSTF on April 21, 2025. NASA completed the GMR survey in and around the 600 Area and also performed the colloidal borescope (flow vector) evaluation and perched groundwater aquifer testing in April 2025. Between April 28 and May 2, 2025, NASA performed aquifer testing comprising a pumping test at well 600-G-138 and monitoring at several nearby wells used as piezometers. NASA collected groundwater samples for inter-borehole contaminant analysis on May 5, 2025 and performed aquifer (slug) testing on individual perched groundwater monitoring wells between May 20 and 23, 2025. NASA received and evaluated all project data and then prepared and submitted the *NASA White Sands Test Facility (WSTF) 600 Area Perched Groundwater Phase IIa Status Report* on June 30, 2025 (NASA, 2025p). NMED continued reviewing the report in the first quarter of 2026.

2.5 SWMUs 2, 8, and 34 and Area of Concern (AOC) 51 (Wastewater Lagoons)

2.5.1 100 Area Lagoons

Following extensive investigation work and correspondence between NMED and NASA conducted from 2012 to 2025, NMED approved the final version of NASA's *100 Area Wastewater Lagoons Closure*

(SWMU 2) Investigation Report (NASA, 2024r) on November 17, 2025 (NMED, 2025k). Based on the conclusions and recommendations in the approved report, no further investigation work is required at SWMU 2. Final closure is required before the unit is included in a petition for corrective action complete status determination.

2.5.2 200 Area Lagoons

NASA submitted the *NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report* to NMED on November 25, 2019 (NASA, 2019h). NMED disapproved the report on June 6, 2022 (NMED, 2022d) and directed NASA to provide a revised report no later than December 30, 2022. NASA prepared and submitted the *Request for Extension of Time for NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report (IR) Response to Disapproval* on December 8, 2022 (NASA, 2022n), requesting the due date for submittal of the revised report be extended to March 30, 2023.

In February 2023, NASA and the drilling subcontractor completed the nine soil borings at the 200 Area lagoons then decontaminated tooling and moved drilling equipment to the 100 Area lagoons. All samples were submitted to the off-site laboratories for analysis. During the first quarter of 2023, NASA began reviewing chemical analytical data in preparation for revising the disapproved investigation report. To provide sufficient time to complete data review and preparation of the revised investigation report, NASA submitted the *Request for Second Extension of Time for NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report (IR) Response to Disapproval* on March 8, 2023 (NASA, 2023c). NMED approved the request on March 30, 2023, extending the due date for submittal of the report to August 31, 2023 (NMED, 2023c). Because of unexpected project delays, NASA submitted the *Request for Third Extension of Time for NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report (IR) Response to Disapproval* on August 24, 2023 (NASA, 2023p). NMED approved the request on September 14, 2023 (NMED, 2023j), extending the due date for submittal of the revised report to December 5, 2023. Additional delays resulted in NASA's submittal of the *Request for Fourth Extension of Time for NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report (IR) Response to Disapproval* on November 22, 2023 (NASA, 2023w). NMED approved the request on January 9, 2024 (NMED, 2024a), extending the due date for submittal of the report to April 30, 2024. NASA revised the investigation report for the 200 wastewater lagoons (SWMU 8) and submitted the *Response to Disapproval of the NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report* on April 30, 2024 (NASA, 2024f). NASA subsequently submitted the *Quality Assurance Reports for the Response to Disapproval of the NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report* on May 29, 2024 (NASA, 2024h). On November 12, 2025, NMED disapproved the revised report with three comments (NMED, 2025j). NMED directed NASA to address the comments and submit a revised investigation report no later than March 20, 2026. NASA addressed NMED's comments and submitted the *Response to Second Disapproval of the NASA White Sands Test Facility (WSTF) 200 Area Wastewater Lagoons Closure (SWMU 8) Investigation Report* on February 10, 2026 (NASA, 2026a)

2.5.3 600 Area Lagoons

NASA submitted the *NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report* to NMED on November 26, 2019 (NASA, 20190). NMED disapproved the report on June 16, 2022 (NMED, 2022e). NASA prepared and submitted the *Request for Extension of Time for NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report Response to Disapproval* on December 8, 2022 (NASA, 2022o), requesting the due date for submittal of the revised report be extended to March 30, 2023.

In January 2023, NASA mobilized the subcontracted drilling company to WSTF and initiated the installation of soil borings and monitoring wells in accordance with the plan. NASA completed soil boring 600L-SB-28 at a location topographically and hydrogeologically downgradient from the 600 Area wastewater lagoons. NASA collected the required soil samples from the boring, which intercepted perched groundwater at approximately 151 ft below ground surface. NASA installed a groundwater monitoring well in the borehole and monitored groundwater as it recovered to approximately 145 ft below ground surface. In January and February 2023, NASA completed the installation and sampling of all required soil borings within the 600 Area wastewater lagoon. All samples were submitted to the off-site laboratories for analysis. During the first quarter of 2023, NASA began reviewing chemical analytical data in preparation for revising the disapproved investigation reports. To provide sufficient time to complete data review and preparation of the revised investigation report, NASA submitted the *Request for Second Extension of Time for NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report Response to Disapproval* on March 8, 2023 (NASA, 2023c). NMED approved the request on March 30, 2023, extending the due date for submittal of the report to August 31, 2023 (NMED, 2023d). Because of unexpected project delays, NASA submitted the *Request for Third Extension of Time for NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report Response to Disapproval* on August 3, 2023 (NASA, 2023o). NMED approved the request on August 17, 2023 (NMED, 2023i), extending the due date for submittal of the revised report to October 17, 2023. Additional delays resulted in NASA's submittal of the *Request for Fourth Extension of Time for NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report Response* to Disapproval on October 11, 2023 (NASA, 2023u). NMED approved the request on October 25, 2023, extending the due date for submittal of the report to February 22, 2024 (NMED, 2023m). NASA submitted the *Response to Disapproval of 600 Area Lagoons (SWMU 34) IR and Risk Assessment* on February 21, 2024 (NASA, 2024c). NMED disapproved the revised report on December 9, 2024 (NMED, 2024l). NMED directed NASA to address 18 comprehensive comments and provide a revised report no later than March 31, 2025. NASA submitted the *Response to Second Disapproval of the NASA White Sands Test Facility (WSTF) 600 Area Wastewater Lagoons Closure (SWMU 34) Investigation Report* on March 28, 2025 (NASA, 2025c). NMED continued reviewing these reports during the first quarter of 2026.

2.5.4 STGT Lagoons

Following extensive investigation work and correspondence between NMED and NASA conducted from 2012 to 2025, NMED approved NASA's *STGT Wastewater Lagoons Closure (AOC 51) Investigation Report* (NASA, 2023v) on September 3, 2024 with modifications and direction to submit a revised report (NMED, 2024j). As indicated in the NMED-approved revised investigation report submitted on September 9, 2024, no further investigation work is required at AOC 51 (NASA, 2024w). Final closure is required before the unit is included in a petition for corrective action complete status determination.

2.6 SWMU 10 (200 Area Hazardous Waste Transmission Lines)

Following extensive investigation work and correspondence between NMED and NASA conducted from 2012 to 2023, NMED approved NASA's *Response* to *Second Disapproval of NASA WSTF 200 Area HWTL (SWMU 10) Investigation Report and Risk Assessment Report* (March 4, 2022) (NASA, 2022b) and the *Response to Second Disapproval of NASA WSTF 200 Area HWTL (SWMU 10) IR Risk Assessment Report* (March 4, 2022) (NASA, 2022c) with modifications on November 1, 2024 (NMED, 2023p). As indicated in the NMED-approved revised investigation report submitted on December 27, 2023, no further investigation work is required at SWMU 10 (NASA, 2023z). The unit is expected to be included in an upcoming petition for corrective action complete status determination.

2.7 SWMU 16 (600 Area Bureau of Land Management [BLM] Off-Site Soil Pile)

Preliminary investigation fieldwork was performed at the 600 Area BLM Off-Site Soil Pile in November and December 2015. NASA submitted the *NASA WSTF SWMU 16 (600 Area BLM Off-Site Soil Pile) Investigation Report* on February 25, 2016 (NASA, 2016a). NMED disapproved three revisions of the report prior to 2020. NMED provided the *Approval with Modifications 600 Area Bureau of Land Management Off-Site Soil Pile (SWMU 16) Revised Investigation Report* on May 6, 2021 (NMED, 2021e). The Approval with Modifications required submittal of an Accelerated Corrective Measures work plan no later than September 30, 2021. NASA submitted the *Response to Approval with Modifications of NASA WSTF SWMU 16 (600 Area BLM Off-Site Soil Pile) Investigation Report* on July 20, 2021 (NASA, 2021i) and then submitted the *Accelerated Corrective Measures Work Plan for the NASA WSTF SWMU 16 (600 Area BLM Off-Site Soil Pile)* on September 28, 2021 (NASA, 2021l, p9). NMED approved the *Accelerated Corrective Measures Work Plan for the NASA WSTF SWMU 16 (600 Area BLM Off-Site Soil Pile)* with modifications on February 10, 2023 (NMED, 2023a). NMED directed NASA to address two NMED comments and submit a revised work plan no later than May 31, 2023. NMED also directed NASA to perform the investigation and submit an investigation work plan no later than July 31, 2024. NASA submitted the *Response to Approval with Modifications of the Accelerated Corrective Measures Work Plan for the NASA WSTF SWMU 16 (600 Area BLM Off-Site Soil Pile)* on May 22, 2023 (NASA, 2023k).

NASA finalized project planning and procurement activities in early January 2024 and mobilized the off-site excavation subcontractor to WSTF on January 15, 2024. NASA and the responsible subcontractors completed excavation and removal of potentially contaminated sludge and soil in accordance with the NMED-approved *Accelerated Corrective Measures Work Plan for the NASA WSTF SWMU 16 (600 Area BLM Off-Site Soil Pile)* (NASA, 2023k) on January 25, 2024. During the project, NASA excavated and disposed of 1,140 yd^3 (1,081 tons) of soil, including the over-excavation of 6" of native soil from beneath the sludge pile to ensure complete contaminant removal. The sludge and soil were transported to the Corralitos Landfill for disposal as special waste. NASA collected confirmation soil samples and shipped them to the off-site laboratory for analysis. Analytical data from these samples will be used to determine if additional soil removal will be necessary. Late in the first quarter of 2024, NASA began preparing the Remedy Completion Report. NASA continued that report preparation work in the second and third quarters of 2024. Because of continuing complications with the legacy data management system, complete processing of chemical analytical data, and the resulting data validation and risk assessment, is delayed. As a result, NASA submitted the *Request for Extension of Time for NASA White Sands Test Facility (WSTF) 600 Area Bureau of Land Management Off-site Soil Pile (SWMU 16) Remedy Completion Report* on July 22, 2024 (NASA, 2024j). NMED approved the request on July 31, 2024, extending the due date for submittal of the report to November 30, 2024 (NMED, 2024i). NASA submitted the *NASA WSTF 600 Area Bureau of Land Management Off-Site Pile (SWMU 16) Remedy Completion Report and Risk Screen Evaluation* on November 19, 2024 (NASA, 2024cc). NMED review of the report continued in the first quarter of 2026.

2.8 SWMUs 18–20 (700 Area High Energy Blast Facility, 800 Area Below Grade Storage Tank, and 800 Area Oxidizer Burner)

NMED reviewed the *Response to Disapproval of Revised SWMU 19 (800 Area Below Grade Storage Tank) Investigation Report* (NASA, 2019c) and issued the *Approval with Modifications Revised 800 Area Below Grade Storage Tank (SWMU 19) Investigation Report* on August 27, 2020 (NMED, 2020e).

2.9 SWMUs 21–27 (Septic Tanks)

NMED disapproved NASA's July 23, 2019, *Response to Disapproval of NASA WSTF Septic Tanks (SWMUs 21-27) Investigation Report* (NASA, 2019d, the revised IR) on January 29, 2021 and directed

NASA to address six comments no later than May 30, 2021 (NMED 2021c). NASA addressed the six comments and submitted the *Response to Second Disapproval of NASA White Sands Test Facility (WSTF) Septic Tanks (SWMUs 21–27) Investigation Report* on May 18, 2021 (NASA, 2021e, Response Table). NMED approved the revised *NASA White Sands Test Facility (WSTF) Septic Tanks (SWMUs 21-27) Investigation Report* on March 16, 2023 (NMED, 2023b) and directed NASA to address two comments and submit a revised report no later than June 16, 2023. NASA submitted the *Response to Approval with Modifications Revised WSTF Septic Tanks (SWMUs 21-27) Investigation Report* on June 15, 2023 (NASA, 2023l).

Based on that approval and subsequent communication with NMED, NASA determined that corrective action is complete at these units and plans no additional investigation work. NASA submitted the *NASA White Sands Test Facility Petition for Corrective Action Status Review* on April 4, 2024 (NASA, 2024d). NMED reviewed the petition and issued the *Administratively Incomplete Determination* on September 3, 2024 (NMED, 2024j). In that determination, NMED directed NASA to address eight comments and submit a revised petition no later than October 31, 2024. NASA addressed eight NMED comments and submitted the *Response to Administratively Incomplete Determination Petition for Corrective Action Status Review White Sands Test Facility SWMUs 21-27, 30, and 31* on October 23, 2024 (NASA, 2024bb).

NASA distributed the *Public Neighbor Letter for Class 3 Permit Modification* (NASA, 2024z) to entities on the facility mailing list on October 17, 2024. NASA published the required advertisement (public notice) in the Las Cruces Bulletin on October 18, 2024 and posted the required public notices at the Branigan Library in Las Cruces and on signs at WSTF on October 20, 2024. NASA then scheduled and hosted the required public meeting on November 13, 2024 at the Branigan Library in Las Cruces. No members of the public attended the meeting. NASA submitted the *Documentation of Public Meeting supporting Petition For Class 3 Permit Modification of the White Sands Test Facility RCRA Permit* on November 21, 2024 (NASA, 2024ee). NMED and NASA consulted several times during the first quarter of 2026 to support NMED's continued review of the permit modification request.

2.10 SWMUs 29-31 (Small Arms Firing Ranges)

Leading up to 2020, NASA completed additional fieldwork required to respond to NMED's February 21, 2019, *Second Disapproval of Small Arms Firing Ranges (SWMUs 29-31) Remedy Completion Report.* NMED (NMED, 2019a) approved NASA's October 28, 2019 request to extend the due date for submittal of the disapproval response and revised remedy completion report from December 31, 2019 to February 28, 2020 (NASA, 2019g). NASA determined that additional time was required to complete the planned human and ecological health risk assessment for the three SWMUs and submitted the *Second Request for Extension of Time for NASA WSTF Small Arms Firing Ranges (SWMUs 29-31) Response to Second Disapproval Remedy Completion Report* on January 29, 2020 (NASA, 2020a). NMED approved the request on March 21, 2020 (NMED, 2020c), extending the due date for submittal of the report from February 28, 2020 to April 24, 2020. NASA prepared the response to NMED's February 21, 2019 *Second Disapproval of Small Arms Firing Ranges (SWMUs 29–31) Remedy Completion Report* (March 30, 2018) and submitted the *Response to Second Disapproval Small Arms Firing Ranges (SWMUs 29-31) Remedy Completion Report and Risk Assessment Report* on August 3, 2020 (NASA, 2020f). NMED approved the reports on November 16, 2022 with modifications (NMED, 2022m) and directed NASA to address six comments and submit revised reports no later than January 31, 2023. NASA addressed NMED's comments and submitted the *Response to Approval w/Mods – Revised Small Arms Firing Range (SWMUs 29-31) RCR* on January 27, 2023 (NASA, 2023b).

NASA determined that corrective action is complete at these units and plans no additional investigation work. NASA submitted the *NASA White Sands Test Facility Petition for Corrective Action Status Review* on April 4, 2024 (NASA, 2024e). NMED reviewed the petition and issued the *Administratively*

Incomplete Determination on September 3, 2024 (NMED, 2024j). In that determination, NMED directed NASA to address eight comments and submit a revised petition no later than October 31, 2024. NASA addressed eight NMED comments and submitted the *Response to Administratively Incomplete Determination Petition for Corrective Action Status Review White Sands Test Facility SWMUs 21-27, 30, and 31* on October 23, 2024 (NASA, 2024aa).

NASA distributed the *Public Neighbor Letter for Class 3 Permit Modification* (NASA, 2024z) to entities on the facility mailing list on October 17, 2024. NASA published the required advertisement (public notice) in the Las Cruces Bulletin on October 18, 2024 and posted the required public notices at the Branigan Library in Las Cruces and on signs at WSTF on October 20, 2024. NASA then scheduled and hosted the required public meeting on November 13, 2024 at the Branigan Library in Las Cruces. No members of the public attended the meeting. NASA submitted the *Documentation of Public Meeting supporting Petition For Class 3 Permit Modification of the White Sands Test Facility RCRA Permit* on November 21, 2024 (NASA, 2024ee). NMED and NASA consulted several times during the first quarter of 2026 to support NMED's continued review of the permit modification request.

Corrective action complete work at SWMU 29, collocated with the STGT wastewater lagoon (AOC 51) was on hold pending NMED approval of the revised lagoon investigation report that concluded no additional investigation or corrective action is required. Following NMED approval of the revised *NASA White Sands Test Facility (WSTF) STGT Wastewater Lagoons Closure (AOC 51) Investigation Report* on September 3, 2024, NASA determined that the STGT small arms firing range (SWMU 29) will be included in NASA's next Class 3 Permit modification request for corrective action complete status determination.

2.11 SWMU 33 (300 Area Test Stand 302 Cooling Water Pond)

Based on agency-wide environmental restoration funding restrictions, NASA submitted the *Request for Extension of Time for Submittal of 300 Area Test Stand 302 Cooling Water Pond (SWMU 33) Investigation Report* on April 29, 2025 (NASA, 2025g). NMED approved the request on July 2, 2025, extending the due date for submittal of the investigation report to September 30, 2030 (NMED, 2025d).

2.12 SWMU 47 (500 Area Fuel Storage Area)

Due to scheduling conflicts and personnel safety issues presented by long-term ongoing testing in the 500 Area, NASA submitted the *Request for NMED Concurrence to Submit Permit Modification for the 500 Area Fuel Storage Area (SWMU 47)* on July 10, 2023 (NASA, 2023m). In the request, NASA recommended that further investigation of SWMU 47 in the 500 Area be postponed until the Fuel Storage Area is permanently closed and fully accessible for investigation fieldwork. NMED denied the request on October 31, 2023 (NMED, 2023n), but authorized NASA to postpone investigation fieldwork until the SWMU can be safely accessed.

2.13 SWMU 49 (700 Area Landfill)

Based on agency-wide environmental restoration funding restrictions, NASA submitted the *Request for Extension of Time for Submittal of 700 Area Landfill (SMWU 49) Phase II Investigation Report* on April 29, 2025 (NASA, 2025i). NMED approved the request on July 2, 2025, extending the due date for submittal of the investigation report to September 30, 2031 (NMED, 2025e).

2.14 SWMU 50 (First TDRSS Diesel Release)

Following an initial investigation and correspondence between NMED and NASA conducted between 2016 and 2023, NMED approved NASA's *First Tracking Data Relay Satellite System (TDRSS) Diesel*

Release (SWMU 50) Investigation Report and Risk Screen Evaluation Report on November 16, 2022 with modifications (NMED, 2022l) that led to the submittal of the *Response to Approval with Modification of First Tracking Data Relay Satellite System (TDRSS) Diesel Release (SWMU 50) Investigation Report* on January 26, 2023 (NASA, 2023a). No further investigation is planned at this SWMU for the foreseeable future.

2.15 SWMU 52 (Second TDRSS UST)

On August 11, 2020, NASA discovered a diesel fuel leak in the area of the SWMU 52 Underground Storage Tank (UST), which is located north of WSTF at the White Sands Complex. Following the preliminary investigation and leak confirmation, NASA reported the release and conducted an investigation and corrective action in compliance with applicable NMED HWB and Petroleum Storage Tank Bureau (PSTB) requirements. The NMED PSTB approved NASA's *Second TDRSS UST Minimum Site Assessment Work Plan* on November 18, 2020 (NASA, 2020g, pp3-6). NMED approved NASA's revised *Second TDRSS Underground Storage Tank (SWMU 52) Release Assessment Report* (NASA, 2022h) with a modification on August 8, 2022 (NMED, 2022g). An additional submittal was not required.

2.16 SWMU 54 (500 Area Former Oxidizer Burner)

NASA identified the location of a former 500 Area oxidizer as a potential new SWMU. On October 16, 2019, NASA submitted the *Fifteen-Day Notification of a Newly Identified SWMU within the WSTF 500 Area* (NASA, 2019f). NMED acknowledged receipt of NASA's fifteen-day notification on November 13, 2019 (NMED, 2019d) and directed NASA to provide a Release Assessment Report no later than May 29, 2020. NASA researched historical information on the newly identified SWMU and submitted the *500 Area Newly Identified SMWU Release Assessment Report* on June 22, 2020 (NASA, 2020e, p4). NMED approved the report on December 20, 2021 and directed NASA to prepare and submit an investigation work plan for the unit no later than August 31, 2022 (NMED, 2021j). NASA completed preparation of the historical investigation summary and investigation work plan for the former oxidizer burner in the 500 Area. The unit will be identified as a SWMU in the Permit at an appropriate time. NASA submitted the *500 Area Former Oxidizer Burner (FOB) Investigation Work Plan (IWP) and Historical Information Summary (HIS)* on August 25, 2022 (NASA, 2022k). NMED approved the work plan with modifications on November 1, 2023 (NMED, 2023q). NMED directed NASA to address five comments and submit a revised work plan no later than December 29, 2023 (NMED, 2023q). NASA submitted the *Response to Approval with Modifications of the NASA White Sands Test Facility (WSTF) 500 Area Former Oxidizer Burner (FOB) Investigation Work Plan (IWP) and Historical Information Summary (HIS)* on December 21, 2023 (NASA, 2023y).

NASA submitted the *Notice of a Class 1 Permit Modification Request for the NASA White Sands Test Facility (WSTF) Hazardous Waste Permit No. NM8800019434* on October 4, 2022 (NASA, 2022m), which notified NMED of a modification to the Permit by adding the FOB as SWMU 54. On November 15, 2022, NMED notified NASA that the unit had been added to the Permit as SWMU 54 and that the change would be fully addressed in the upcoming Permit renewal (NMED, 2022k). The unit is identified as SWMU 54 in the 2023 RCRA Permit (NMED, 2023e).

During the first quarter of 2024, NASA began planning investigation fieldwork to be performed in accordance with the NMED-approved *NASA White Sands Test Facility (WSTF) 500 Area Former Oxidizer Burner (FOB) Investigation Work Plan (IWP) and Historical Information Summary (HIS)* (NASA, 2023y). NASA completed project planning to perform the investigation in accordance with the work plan and completed procurements for the required soil boring and analytical support subcontractors. The subcontractor drilling company mobilized to WSTF on April 30, 2024 and NASA performed shallow soil sampling at 11 borings and shipped samples to the off-site laboratory for analysis. NASA received

analytical from the off-site laboratory and began prepared the investigation report and risk screening evaluation in accordance with the approved work plan. NASA submitted the *NASA White Sands Test Facility (WSTF) 500 Area Former Oxidizer Burner (SWMU 54) Investigation Report (IR)* on July 25, 2024 (NASA, 2024m). NASA received NMED's August 7, 2024 fee assessment for review of the report and provided the $20,000 *Fee Assessment for the 500 Area Former Oxidizer (SWMU 54) Investigation Report* on August 15, 2024 (NASA, 2024q). NMED continued reviewing the report during the first quarter of 2026.

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