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February 19, 2026

Reply to Attn of: RE-26-010

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Subject: NASA WSTF Periodic Monitoring Report – Fourth Quarter 2025

Enclosed is the NASA WSTF Periodic Monitoring Report (PMR) for the fourth quarter of 2025. This report provides detailed information about routine groundwater, Plume Front Treatment System (PFTS), and Mid-plume Interception and Treatment System (MPITS) monitoring performed between August 1, 2025 and October 31, 2025. 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-116) 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 (November 2024 to October 2025) as Enclosure 4, a CD-ROM containing analytical lab reports for the reporting period as Enclosure 5, and three D-size paper maps of WSTF depicting pertinent features and conceptualized NDMA, TCE, and PCE groundwater plumes as Enclosure 6.

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.

If you have any questions or comments concerning this submittal, please contact Antonette Doherty 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 August 1, 2025 and October 31, 2025. The data were processed through the WSTF data management system during the fourth calendar quarter of 2025 and early first quarter 2026. During the fourth quarter of 2025, NASA collected groundwater samples from 161 wells or zones, performing 1,401 analyses for 35,340 analytes.

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.

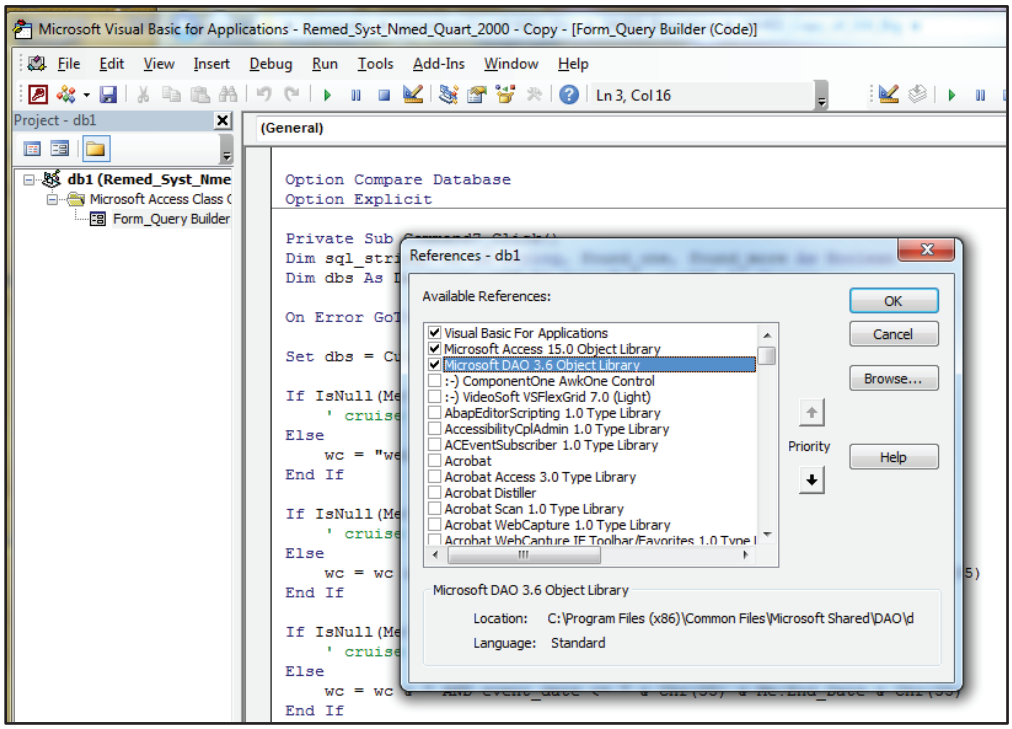
NASA's groundwater monitoring objectives are discussed in more detail in the applicable sections of this report. It is recommended that groundwater monitoring continue in accordance with the Groundwater Monitoring Plan (NASA, 2024f). NASA also recommends that groundwater corrective action operations 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 Fourth Quarter 2025

February 2026

NM8800019434

NASA WSTF Periodic Monitoring Report for Fourth Quarter 2025

Reporting Period: August 1, 2025 through October 31, 2025

Report Deadline: February 20, 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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Executive Summary

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List of Acronyms and Abbreviations

µg/L	Micrograms per liter
AIWP	Abbreviated Investigation 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
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
PGEPT	Perched Groundwater Extraction Pilot of Test
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

USGS	United States Geological Survey
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 221 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, 2024b), and the Remediation System Monitoring Plan (RSMP; NASA, 2024d).

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 fourth quarter of 2025. Between August 1, 2025 and October 31, 2025, groundwater samples were collected at 75 groundwater monitoring wells or zones (109 sample events), eight PFTS sampling locations (12 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 48 of 92 days during the reporting period at an average flow rate of 740 gallons per minute (gpm) while running. Approximately 160.6 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 52 of 92 days during the reporting period, treating approximately 1.36 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, 2024b, pp 40-42) identifies the specific samples that are to be collected at each groundwater monitoring well. The RSMP (NASA, 2024d) 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.

Chemical analytical data (detections only) for drinking water wells during the comprehensive period are discussed in the following sections: WSTF water quality parameters (Section 6.0) – Appendix A.7 and chemical analytical results (Section 6.2) – Appendix A.8.

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, 2024b, p39).

3.0 Cleanup Levels

Cleanup levels for all hazardous constituents detected in WSTF groundwater are summarized in the GMP update (NASA, 2024b 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, 2024b, 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 wells specified 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 200-B-240, 200-SG-1, and 300-A-120 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, 2024b, 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 Per- and Polyfluoroalkyl Substances Investigation at WSTF. Follow-on sampling, analytical results and evaluations will be provided in the investigation report in accordance with the investigation work plan, submitted to NMED on July 29, 2025 (NASA, 2024b).

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).

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

Data presented in this section, including groundwater elevations and indicator parameters, were collected from various groundwater monitoring locations during the reporting period. Groundwater chemical 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 fourth quarter of 2025. For this reporting period, 115 groundwater monitoring wells or zones and 10 PFTS and 12 MPTIS sampling locations were sampled between August and October 2025, 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 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 October 21, 2025 and October 29, 2025 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 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 observed

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

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 7.3.3 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 fourth calendar quarter of 2025 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 fourth quarter of 2025, 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. The configuration of the main NDMA and TCE plumes for the fourth quarter 2025 are similar to the plumes presented for the first three quarters of 2025. Figure 4.5, Figure 4.6, and Figure 4.7 present iso-concentration contours for PCE, Freon 11, and 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), respectively.

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

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 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).

The PFTS operated continuously during October 2025 and through the first week of November 2025. On November 10, 2025, the system shut down automatically because of communication issues associated with the injection wells. The system remained offline through December 16, 2025, while NASA completed work to troubleshoot and resolve the communication issues and to perform planned routine maintenance of the PFTS UV reactor.

NASA performed the planned routine maintenance of the PFTS UV reactor from November 12 to December 16, 2025. During this period, NASA also performed planned maintenance and modification of the system air compressor, cleaned the interior of both air strippers to remove accumulated scale, and

installed at new flow control valve at well PFE-4A. NASA encountered additional communication system issues and a series of leak detection system faults while attempting to restart the PFTS on December 16 and 17, 2025. The system was restarted on December 18, 2025.

An anomalous fault in the leak detection system triggered the PFTS to shut down on December 24, 2025. NASA restarted the system on January 5, 2026. System availability statistics, which exclude scheduled shutdowns for planned maintenance, indicate the system was operational for 100% of October, 25% of November, and 90% of December 2025. Average operating flow rates for the PFTS were 795 gpm for October, 786 gpm for November, and 796 gpm for December 2025.

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 plume front extraction (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, average flow rates for wells PFE-1, PFE-2, PFE-3, PFE-4A, and PFE-7 were stable and within expected design flow values. The operational flow rate for PFE-5, which is screened in fractured bedrock, was 54% of its 5.5 gpm design flow rate; and consistent with operational flow rates for this well during previous reporting periods. Calculated overall average flow rates for the PFE wells during the reporting period, however, were significantly less than previous reporting periods. The reduction in overall average flow rates was a result of the PFTS being offline during portions of November and December 2025 to address planned system maintenance activities and unplanned system troubleshooting and repair activities.

Wells PFI-3 and PFI-4 operated near their respective design injection flow rates during the reporting period. NASA operated PFI-2 slightly above its design flow rate during the reporting period to maintain hydraulic mounding in the vicinity of former 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. As with the PFE wells, calculated overall average flow rates for the PFI wells were significantly less than previous reporting periods due to a decline in system availability during November and December 2025.

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.

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. Periodic backflushing of the injection wells is performed when the wells exhibit rising water levels associated with decreased well capacities and during start-ups and shutdowns. 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 ten 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 fourth quarter of 2025. 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 the various WSTF COCs removed by the PFTS between November 1, 2024, and October 31, 2025. During this 12-month period, the PFTS removed approximately 22.7 kilograms (kg) of TCE, 19.6 kg of Freon®[4] 629 grams (g) of PCE, and 160.1 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.

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

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

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 approximately 99% of October, 100% of November, and 97% of December 2025. Average operating flow rates for the MPITS were 7.8 gpm for October, 7.6 gpm for November, and 7.8 gpm for December 2025, and represent a slight decrease from monthly average operating flow rates reported for the preceding quarter. This decrease resulted from NASA's need to intermittently cease pumping at MPE-3 and MPE-4 during freezing weather conditions.

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. 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-9, MPE-10, and MPE-11 operated at various flow rates during the reporting period. 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 2025* (NASA, 2025; pp 10-11). MPE-3 and MPE-4 are equipped with solar-powered submersible pumps, manually read analog flow meters, automatic shutoff devices, and operate during daylight conditions. NASA utilizes tanker trailers to transfer groundwater extracted at each of these two well locations 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 the various WSTF COC removed by the MPITS between November 1, 2024 and October 31, 2025. Approximately 1.803 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 November 1, 2024 to October 31, 2025. 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 operation.

6.0 WSTF Water Supply Well Monitoring

6.1 Water Quality Measurements (Indicator Parameters)

Groundwater indicator parameters are obtained from field quality measurements performed during each

water supply well sampling event. The groundwater indicator parameters associated with the water supply well sampling events for the November 2024 through October 2025 period included in this report (see Table 4.1) are provided in Appendix A.7.

Indicator parameters and other specific sampling-related details associated with each monitor 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.

6.2 Chemical Analytical Results

Table 4.1 lists supply wells sampled during the reporting period. Groundwater chemical analytical data from these wells were processed through the WSTF data management system during 2025 and are included in Appendix A.8. Because analytical data from WSTF water supply wells are not considered groundwater monitoring data, they are not included in the historical analytical database provided with this report. Data are not used for decision-making or to prepare graphical representations of groundwater characteristics. Although data from the water supply wells are subject to quality review upon receipt, they are not evaluated with groundwater chemical analytical data and are thus not included in the internal QA reports provided in Appendix C. As requested by NMED via email (NMED, 2013a), laboratory analytical reports corresponding to the analytical data presented in this report are also provided electronically (.pdf format) with this submittal.

7.0 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.

7.1 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.

7.1.1 Monitoring Well Performance or Sampling Equipment Issues

NASA performed most scheduled sampling during the previous (May 1, 2025 through July 31, 2025) and current (August 1, 2025 through October 31, 2025) reporting periods. In October 2025, NASA was unable to sample three wells 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 7.1.

7.1.2 Monitoring Well Installation and Well Plugging and Abandonment

During the fourth quarter of 2025, NASA finalized plans to plug and abandon monitoring wells BLM-1-435 and PL-3-453 and replace 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.

7.1.3 Westbay Well Reconfiguration

During the fourth quarter of 2025, NASA finalized plans to plug and abandon monitoring well PL-6 and replace it 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.

7.1.4 Groundwater Monitoring Data Representativeness

There were no activities in the fourth quarter 2025 related to groundwater data representativeness.

7.2 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, 2024b, pp 11-12). Appendix D provides a comparison of groundwater data to cleanup levels for the current analytical reporting period.

7.2.1 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.

7.2.2 Plume Front Treatment System

Groundwater samples were collected from the PFTS influent and effluent as required by the RSMP (NASA, 2024d) 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.

7.2.3 Mid-plume Interception and Treatment System

Groundwater samples were collected from the MPITS influent and effluent as required by the RSMP (NASA, 2024d) 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.

7.3 Contaminant Plume Evaluation

System operational and performance data, potentiometric surface maps, groundwater velocity vectors, and a variety of chemical analytical data were used to perform the plume capture evaluation for 2024. The evaluation process is based on the six steps described in "A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems" (EPA, 2008). The steps are:

1. Review site data, site conceptual model, and remedy objectives.
2. Define site-specific target capture zone(s).
3. Interpret water levels.
4. Perform calculations, and groundwater modeling (particle tracking).
5. Evaluate concentration trends.
6. Interpret actual capture based on steps 1-5, compare to target capture zone(s), and assess uncertainties and data gaps.

7.3.1 Site Conceptual Model and Treatment System Remedy Objectives

The WSTF conceptual groundwater model, presented in Figure 7.1, identifies contaminant source areas in the 200, 300, and 400 Areas of the site. Groundwater flows generally westward from the source areas through a fractured bedrock aquifer to the MPCA where the MPITS extraction wells are located. Groundwater not intercepted by the MPITS continues to flow westward through the WBFZ to the southern JDMB alluvial aquifer at the Plume Front area. The PFTS extraction wells are completed in alluvium within the WBFZ, which is an area where Tertiary volcanic bedrock is offset to a depth of over 2,000 ft into the southern JDMB across a series of sub-parallel half-graben step faults. The WSTF groundwater contaminant plume is approximately four miles long and one mile wide at its broadest extent.

Remedy objectives for the PFTS and MPITS are described in the RSMP (NMED, 2024c). The objective of the PFTS is to control threats to human health and the environment through stabilization and mass removal of groundwater contamination encountered at the leading (westernmost) edge of the WSTF groundwater contaminant plume. The current objective of the MPITS is to intercept and treat contaminated groundwater moving from the source areas in the WSTF industrial area towards the Plume Front area. The MPITS is also used to treat and dispose of IDW generated during well sampling and testing activities performed in accordance with the GMP (NASA, 2024b).

7.3.2 Definition of Site-Specific Capture Zone

Figure 7.2 provides a comparison of the current contaminant plume location to the original capture zone for the PFTS. A composite of the 2002 (5 micrograms per liter [µg/L] TCE) and 1999 (10 ng/L NDMA) equiconcentration lines defined the original PFTS capture zone (marked in red). These values were the cleanup levels for those contaminants at that time. All other COC groundwater plumes exist within the boundaries of the TCE and NDMA plumes. The current capture zone extent (marked in green) is defined as the 5.0 µg/L TCE and 4.9 ng/L NDMA equiconcentration lines. These TCE and NDMA concentrations are the current cleanup levels identified in the GMP (NASA, 2024b). At the Plume Front, the current capture zone is predominantly contained within the original capture zone except for a localized overlap extending west toward well ST-7 (TCE = 7.1 ug/L, NDMA = 1.9 ng/L). The primary exception relative to the current capture zone is for the northwest-trending arm extending from the Mid-plume area that incorporates well Jornada Experimental Range JER-2 (1.8 ng/L) based on the consistent appearance of low-level NDMA. Though the current plume extends beyond the original designed capture zone within the northwest-trending arm, particle tracking (through 2110) demonstrates that the PFTS is capable of intercepting contamination in this area under the influence of well PFE-1 (Section 7.3.8).

This quarter, there is only one occurrence of a well in the vicinity of the leading edge of the groundwater plume that is characterized only by low-level NDMA detections at or above the 4.9 ng/L cleanup level (WW-4 [7.8 ng/L]). Well WW-4 is a sentinel well located outside the groundwater contaminant plume and has historically shown long-term trends that are “ND” or “low-level NDMA detections <4.9 ng/L.

Fluctuating NDMA for previous quarters has been irregularly observed at low-level concentrations in samples collected from Westbay and FLUTe multiport wells within the sentinel well group. The source of NDMA observed at these wells remains uncertain as summarized in recent reports on groundwater data representatives (NASA, 2024b). Many of these observed low-level NDMA detections are accompanied by data qualifiers, increasing the uncertainty associated with the data. NASA will continue to monitor NDMA results for these wells and report observable trends in the NDMA concentration in subsequent PMRs.

7.3.3 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.

7.3.4 Overall Plume Front Iso-concentration Maps

Figure 7.6 through Figure 7.9 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.

7.3.5 Plume Front Iso-concentration Maps

Figure 7.10 through Figure 7.14 present manually contoured iso-concentration maps of the Plume Front for NDMA, TCE, PCE, Freon 11, and Freon 113 using data processed during this reporting period. The lowest value solid iso-concentration line on each map corresponds to the required cleanup level for the analyte presented.

7.3.6 Correlation for Plume Front Pumping Configurations and Potentiometric Surface

NASA evaluated the PFTS pumping configuration for the current analytical reporting period to show the interrelationship of the Plume Front potentiometric surface and manually contoured TCE plume (Figure 7.15). TCE was selected because it is the most widely distributed health-risk-driving contaminant in the conceptualized contaminant plume. The groundwater potentiometric surface indicates that the extraction wells are creating a capture area sufficient to maintain capture in the plume front area. This is indicated by the groundwater depression encompassing wells PFE-1 and PFE-3. A subtle groundwater mound surrounding the injection wells is also visible in the potentiometric surface.

7.3.7 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 fourth quarter 2025 is provided in this section.

To facilitate this evaluation, WSTF monitoring wells are grouped as listed in Table 3.3 of the GMP (NASA, 2024b, 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 low-level laboratory analysis where available for specific wells. Each T-C trend evaluation places emphasis on 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 accurately 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 representative a short-term fluctuation that reverts to previous conditions for the subsequent quarter. 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 before any modifications to the existing T-C plot interpretations are made, including:

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

The majority of WSTF wells reflect either declining COC concentrations in groundwater over time, or relatively stable and slightly fluctuating concentrations that have remained relatively consistent over the last several 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 well ST-7 (Plume Front Monitoring Well Group) is 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 identified within the group. T-C plots for the specific wells discussed 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 were no COCs detected above detection limits in these wells. All four wells (100-F-358, 100-G-223, 300-F-175, and NASA 3) were classified as not detected (ND).

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 inferred to be 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 of the wells in this group are located within a confined area 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) localized perched groundwater horizon located 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 33 µg/L in 2025 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 further 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 to the interpretations of the analytical trends were performed for 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 0.52 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 Mid-plume. 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 shows 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, and two additional low-flow extraction wells (MPE-3 and MPE-4) have recently been brought on-line to compensate for MPE-8.

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 located outside the boundary of the contaminant plume and groundwater analytical results have 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 µg/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-4) was classified as "Fluctuating Low-Level NDMA Detection (>4.9 µg/L)" for this quarter with a concentration of 7.8 µg/L (K Flag).

Other Well Group – Mid-plume Extraction Wells: The T-C plots for the four active MPITS wells are included in Appendix E. There were no significant changes in the extraction well interpretations for this reporting period. The COC concentrations for Freon 11 and TCE in wells MPE-9, MPE-10, and MPE-11 have displayed no overall concentration trend since 2013 under the influence of extraction well pumping. Well MPE-1 historically represents the operational well with the highest COC and NDMA concentration and has shown a short-term decreasing trend since 2021 associated with continued operation of the MPITS.

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.

7.3.8 MODPATH Particle Tracking Simulation

Particle tracking analysis was conducted to assess the capability of the PFTS to effectively contain the TCE and NDMA plumes, which are the most extensive contaminant plumes at the Plume Front. All other COC plumes are within or coincident with the footprint of these primary contaminants. Consequently, simulated capture of the TCE and NDMA plumes confirms capture of the primary contaminant plumes.

The WSTF groundwater model was originally developed to support the design of the PFTS and was used to optimize remediation well locations and well flow rates. The model currently uses the MODFLOW-SURFACT™ groundwater modeling computer code, which is based on the United States Geological Survey (USGS) modular finite difference groundwater flow model code MODFLOW. MODFLOW-SURFACT was designed to simulate flow through porous medium. Where required, an equivalent porous medium approach is used to simulate flow though fractured bedrock in the WSTF model. This approach assumes that groundwater flow through fractured bedrock can approximate porous medium flow conditions when a large enough model area or volume is considered. This allows the MODFLOW-SURFACT modeling code to be used for porous medium and fractured bedrock aquifers. Results from model calibration indicate this approach can generally approximate groundwater flow from the WSTF source areas, through the Mid-plume area, to the alluvial aquifer of the southern JDMB. The inherent assumptions used in this method does not allow the model to predict exact groundwater elevations and groundwater flow directions for specific locations within the bedrock aquifer. Instead, predicted hydraulic heads and flow directions produced by the WSTF groundwater model approximate generalized groundwater elevation and flow conditions for bedrock areas.

NASA completed calibration and sensitivity analysis of the updated WSTF groundwater model in 2013. This revision incorporated updated hydrogeologic data obtained from recently drilled wells and aquifer tests into the model. Boundary condition values were also updated. Values for the general head boundary condition at the western extent of the model were updated with predictive hydraulic heads data from regional southern JDMB groundwater model. This regional model is administered by the New Mexico Office of the State Engineer and accounts for the anticipated increase in pumping throughout the southern

JDMB over time. After flow model calibration, the model was calibrated for TCE and NDMA contaminant transport.

In 2023, a nearby municipal production well was discovered outside of the WSTF boundary. This production well was incorporated into the WSTF groundwater model to simulate any potential impact of pumping at this location on the groundwater plume.

The USGS particle tracking code MODPATH was used in conjunction with the NASA WSTF groundwater flow model to conduct particle tracking simulations for this current contaminant plume capture evaluation. MODPATH is a post-processing package developed by the USGS that simulates adjective transport of virtual particles through a simulated flow field. It uses the numerical flow model output in combination with a semi-analytical particle tracking scheme to calculate flow paths within each finite-difference model grid cell throughout a defined simulation period (USGS, 1994). The WSTF groundwater flow model has a simulation period from 1964 through 2110. Particle paths, or traces, are computed in MODPATH by tracking particles from cell to cell until the individual particle reaches a boundary, an internal sink, or satisfies some other specified termination criterion.

The first MODPATH simulation for this evaluation began on the last day of the current reporting period, October 31, 2024, and ran through December 31, 2064. PFTS extraction and injection well flow rates were varied to account for the appropriate operational scheme during a given stress period. These varying flow rates in the simulation account for PFTS extraction or injection well downtime associated with equipment failure or maintenance periods. The current WSTF potable water supply wells, Well K and Well M, are included in the simulation. Water supply well J2 is assumed activated in 2025, with shutoff of Well K that same year.

Particle starting locations in the MODPATH simulation corresponded to the maximum extent of the 5.0 µg/L TCE and 4.9 ng/L NDMA equiconcentration lines presented in this report. Particles were released at a 250 ft interval along the composite TCE-NDMA equiconcentration line representing the main body of the plume in model layers 8 through 13. These model layers correspond to saturated layers in the model that contain the WSTF groundwater contamination plume. Results from the MODPATH simulation are presented in Figure 7.16. A second extended MODPATH simulation was run through 2110 to confirm that all traces, especially those at the southwestern boundary of the current plume extent, reach or are trending towards PFE wells over time (Figure 7.17). These results indicate successful simulated capture of the primary WSTF contaminant plume by the PFTS. Particles released at the northwestern extension of the Mid-plume contaminant lobe are within a fractured bedrock aquifer, east of the WBFZ and southern JDMB alluvial aquifer. MODPATH results indicate most of these particles remain in the bedrock aquifer through the end of the 2064 simulation period, except for several particles released southeast of monitoring well JER-1. These particles travel west in the bedrock aquifer and turn south towards PFTS extraction well PFE-1 once they enter the alluvial aquifer in later stress periods. The PFTS was not specifically designed to address the northwestern Mid-plume contaminant lobe feature but results from the extended simulation through 2110 indicate particles released in that area are either captured by or are trending towards PFE wells once they enter the alluvial aquifer (Figure 7.17). NASA will continue to closely monitor contaminant concentrations in this area to confirm successful plume capture.

7.3.9 Evaluation of Vertical Gradients

Vertical gradients at select well locations within the Plume Front aquifer are recorded and examined bi-annually. Gradients are expressed as pressure differences between screened zones at different elevations in well clusters or multi-port wells. Analyses of these pressure gradients (Table 7.2) are performed as a line of evidence to verify effectiveness of the PFTS on contaminant plume capture. From a historical perspective (prior to operation of the PFTS), vertical gradients are generally small in magnitude and

downward in the Plume Front alluvial aquifer. Following PFTS startup and standard operating conditions, stronger downward vertical gradients are expected in well clusters and multiport wells near extraction wells. Within the four intervals evaluated for well ST-5, small downward vertical gradients were observed over the three lowermost intervals at between -6.1 x 10^{-3} to -7.9 x 10^{-3} ft/ft. Within the three intervals evaluated at well PL-10, relatively stronger upward vertical gradients were observed in the two deepest intervals at between 4.1 x 10^{-2} to 1.3 x 10^{-1} ft/ft. Upward gradients in the vicinity of well PL-10 are expected as a result of the well's proximity to injection wells PFI-1, PFI-2, and PFI-3.

Well BLM-36 located within the bedrock aquifer of the Mid-plume area experienced a small downward vertical gradient of 3.5 x 10^{-2} ft/ft) that is characteristic of aquifer conditions within the fractured rhyolitic bedrock aquifer. Unconfined to semi-confined conditions that promote slightly downward to slightly upward gradients locally occur within the fractured andesite and rhyolite bedrock aquifer immediately east of the Plume Front area.

Conclusions drawn from the examination of vertical gradients from data collected from 1990 to the present indicate in general that:

- Pumping from the PFTS wells impacts the contaminated aquifers in the Plume Front at all levels, ranging from shallow to levels deeper than where extraction pumps are set.
- Pumping shows the most discernable effects when the combined extraction rate of the PFE wells approaches or exceeds the design flow rate of 1,000 gpm and remains consistent.
- Vertical gradient responses in the different well groups monitored in the vicinity of the Plume Front are not uniform and reflect the lack of homogeneity of the alluvial aquifer, natural recharge pulses moving westward from the San Andres Mountains to the east, and the localized influence of extraction and injection wells.

For the current reporting period, vertical gradient responses were unremarkable and continue to indicate that the PFTS impacts the target depth range in the contaminated aquifer. No significant changes in groundwater flow at depth are indicated.

7.3.10 Plume Capture Interpretation and Conclusions

System operational and performance data, potentiometric surface maps, groundwater flow directions, chemical analytical data, and groundwater modeling were used to evaluate plume capture for the fourth quarter reporting period from August 1 through October 31, 2025. Remediation system operation and flow rates indicate that overall performance of the PFTS and MPITS was satisfactory. Contaminant mass removal was continuous for both remediation systems and chemical analytical data demonstrated that all DP-1255 discharge limits and Permit-required cleanup levels were achieved.

The impact of PFTS extraction on Plume Front alluvial aquifer water levels was evidenced by continued effective depression of the potentiometric surface. In conjunction, the hydraulic mound produced by injecting treated water at the PFI wells was also sustained through the reporting period. Slight vertical gradients in monitoring wells and more significant gradients in the vicinity of extraction and injection wells indicate that the PFTS impacts the target depth range in the contaminated aquifer. No significant changes in groundwater flow at depth are indicated based on analytical results. Iso-concentration contours for primary COCs indicate predominantly decreasing concentrations within the groundwater contaminant plume. Upgradient wells, northern and southern boundary wells, and sentinel wells at the Plume Front are predominantly ND or contain low-level detections generally below Permit-required cleanup levels. T-C plots show most significant contaminant declines in the 200, 300, 400, and 600 source areas in the east, and associated declines to the west. This can be attributed to contaminant migration and natural

attenuation in conjunction with mass extraction. Attenuation processes active in the plume primarily affect the VOCs (Freons, TCE, PCE) that are sourced in the 200 Area. T-C plots for monitoring wells that reflect more consistent concentrations with a suppressed rate of decline are frequently screened across bedrock lithologies characterized by reduced effective porosity and lower hydraulic conductivity. For this reporting period, two monitoring wells (BLM-5-527 located at the leading edge of the northwest-trending arm in the Mid-plume area and ST-7 located at the leading edge of the TCE plume in the Plume Front area) were assigned increasing T-C trends and are being monitored carefully. Plume capture is interpreted to have been achieved for the reporting period.

7.4 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 fourth calendar quarter of 2025; October 1 – December 31, 2025. Relevant historical information including investigation status, and full submittal history for each potential source area is provided in Appendix F.

7.4.1 200 Area

NASA continues work associated with the investigation of two HWMUs and SWMUs in the 200 Area. During the fourth quarter of 2025, 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, 2024k).

7.4.2 300 Area

In the fourth quarter 2025, 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, 2024g) and the *Well Completion Report (WCR) for NASA White Sands Test Facility (WSTF) 300-002-GSV* (NASA, 2024h).

7.4.3 400 Area

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

7.4.4 600 Area Perched Groundwater Extraction and Investigations

During the fourth quarter of 2025, activities related to perched groundwater investigations included:

- NASA suspended perched groundwater extraction from monitoring well 600-G-138 in mid-July 2025 because of funding limitations.
- 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).
- On November 17, 2025, NMED approved the *Proposal to Transition NASA White Sands Test Facility (WSTF) 600 Area Perched Groundwater Extraction Pilot Test (PGEPT) Annual Reporting into Projected Targeted Mobile Remediation Process (TMRP) Annual Reporting Following Submittal of the PGEPT – Project Year 12 Report* (NMED, 2025). However, with the

suspension of perched groundwater extraction and the postponement of TMRP Phase 2 to FY2028, integrated reporting will also be postponed.

7.4.5 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 fourth quarter of 2025 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, 2024c) with three comments. NMED directed NASA to address the comments and submit a revised investigation report no later than March 20, 2026.

- 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).

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

There was no significant activity associated with SWMU 10 in the fourth quarter 2025. Complete information on the SWMU is provided in Appendix F.

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

During the fourth quarter of 2025, 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, 2024i).

7.4.8 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, 2024j). During the fourth quarter of 2025, NMED continued reviewing the permit modification request.

7.4.9 SWMU 29 (STGT Small Arms Firing Range)

There was no significant activity associated with SWMU 29 in the fourth quarter of 2025. Complete information on the SWMU is provided in Appendix F.

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

NMED approved the *Request for Extension of Time for Submittal of 300 Area Test Stand 302 Cooling Water Pond (SWMU 33) Investigation Report* (NASA, 2025b). Complete information on the SWMU is provided in Appendix F.

7.4.11 SWMU 47 (500 Fuel Storage Area)

There was no significant activity associated with SWMU 47 in the fourth quarter of 2025. Complete information on the SWMU is provided in Appendix F.

7.4.12 SWMU 49 (700 Area Landfill)

NMED approved the *Request for Extension of Time for Submittal of 700 Area Landfill (SMWU 49) Phase II Investigation Report* (NASA, 2025c). Complete information on the SWMU is provided in Appendix F.

7.4.13 SWMU 50 (First TDRS Diesel Release)

There was no significant activity associated with SWMU 50 in the fourth quarter of 2025. Complete information on the SWMU is provided in Appendix F.

7.4.14 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).

7.4.15 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, 2024e).

7.4.16 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.

7.4.17 Per- and polyfluoroalkyl substances

During the fourth quarter of 2025, NMED continued reviewing the *NASA WSTF Per- and Polyfluoroalkyl Substances Investigation Work Plan* (NASA, 2025f). While the work plan is being reviewed, NASA performed aqueous sampling for PFAS constituents as specified in the plan.

8.0 Planned Activities

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

8.1 Groundwater Monitoring and Related Projects

8.1.1 Monitoring Well Performance or Sampling Equipment Issues

NASA plans to address well performance as summarized in Section 7.1.

8.1.2 Westbay Well Reconfiguration.

NASA plans to replace former Westbay monitoring well PL-6 with well 600C-002-GW (NASA, 2022) in the first 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.

8.1.3 Monitoring Well Installation

NASA plans to complete installation of monitoring wells 600C-003-GW and 600C-004-GW (NASA, 2023) in the first quarter of 2026. Additional information is provided in Appendix F.

8.2 Groundwater Remediation System Monitoring

The RSMP (NASA, 2024d) 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, 2024d).

9.0 References

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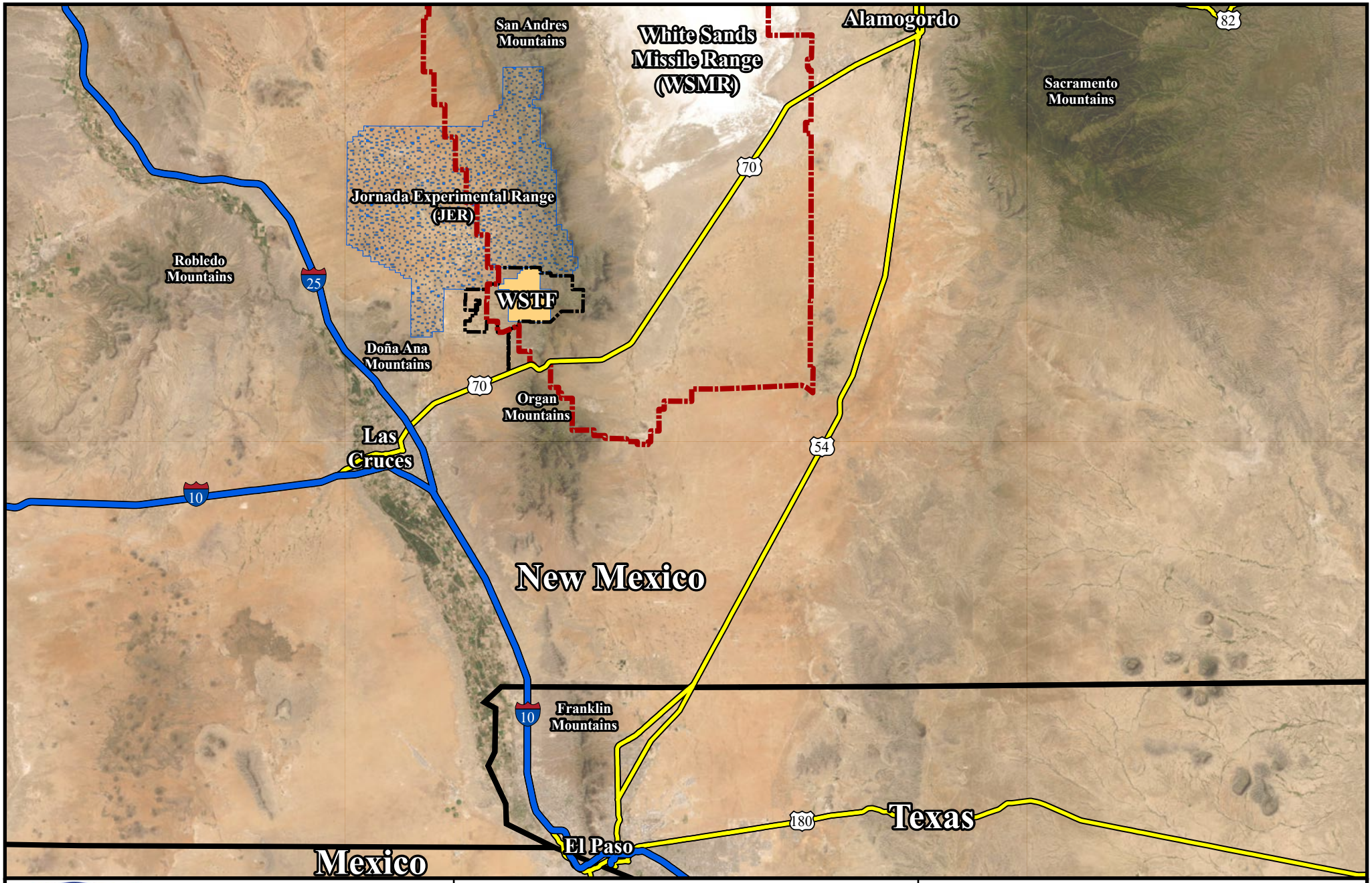
Figures

Figure 1.1 **WSTF Location Map**

(SEE NEXT PAGE)



N
W E
S

1:750,000

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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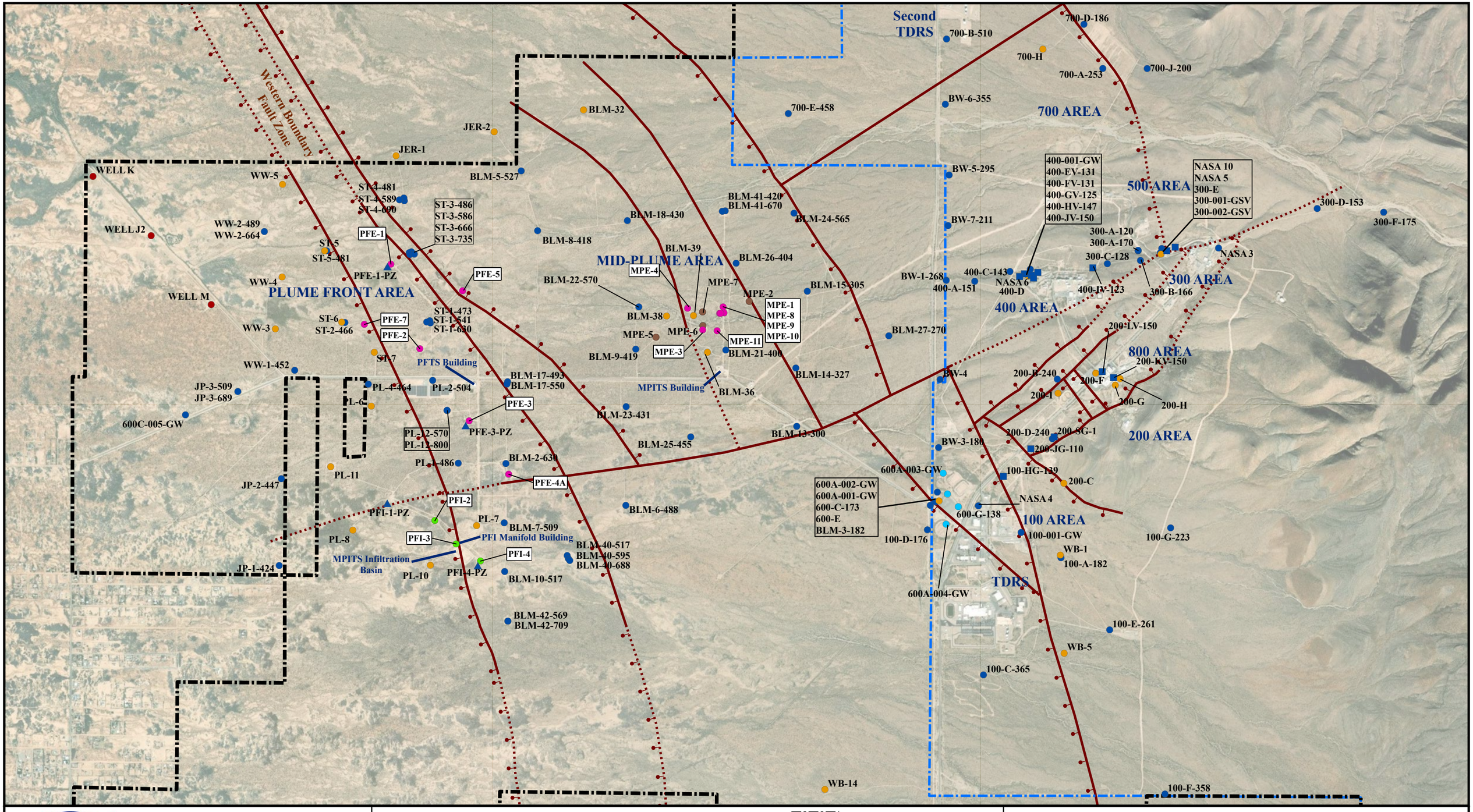
Figure 1.2 **WSTF Well Location Map**

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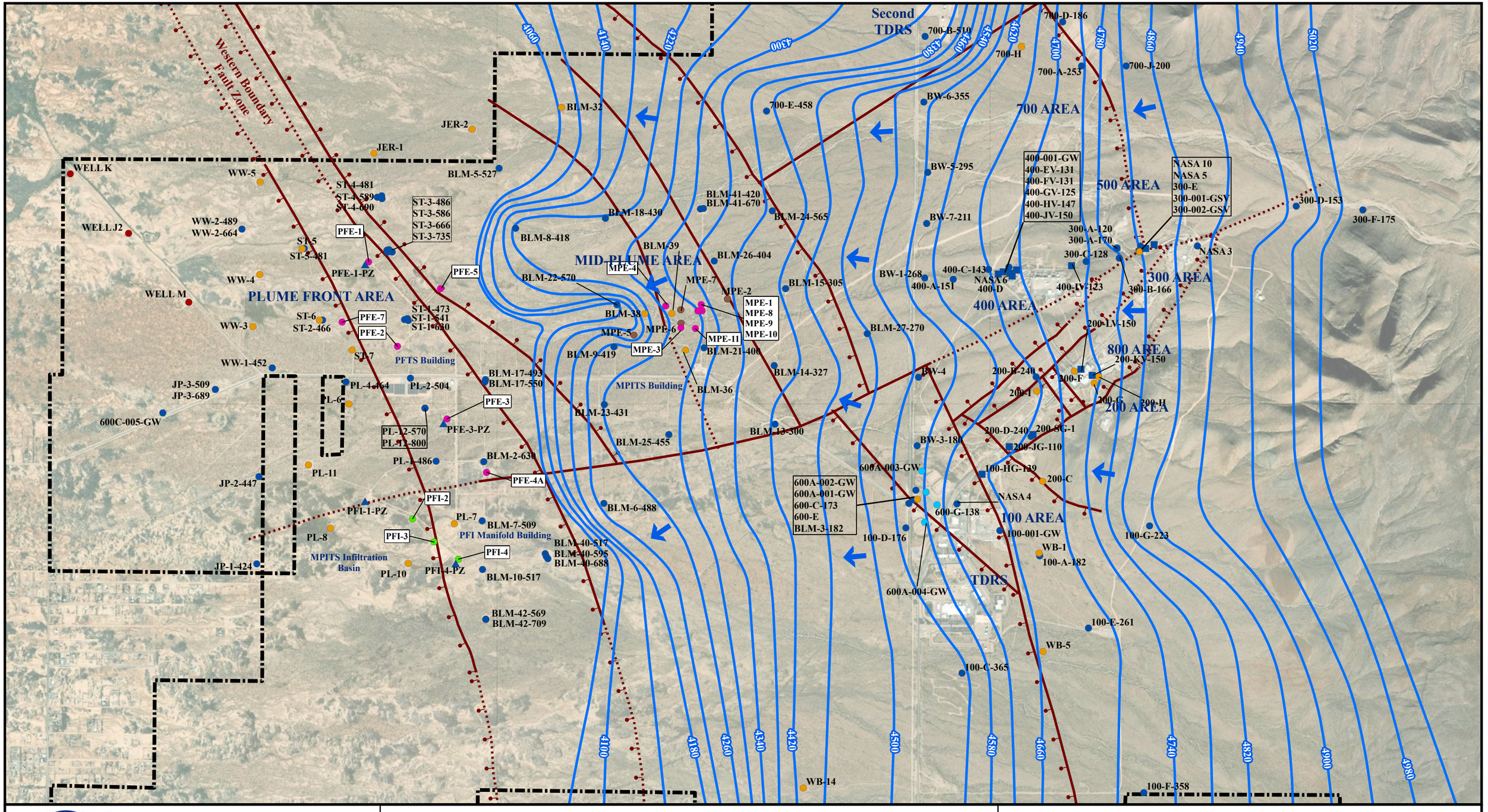
Figure 4.1 Groundwater Elevations and Generalized Flow Directions for the Reporting Period

(SEE NEXT PAGE)



Site-Wide Groundwater Elevations for Fourth Quarter 2025

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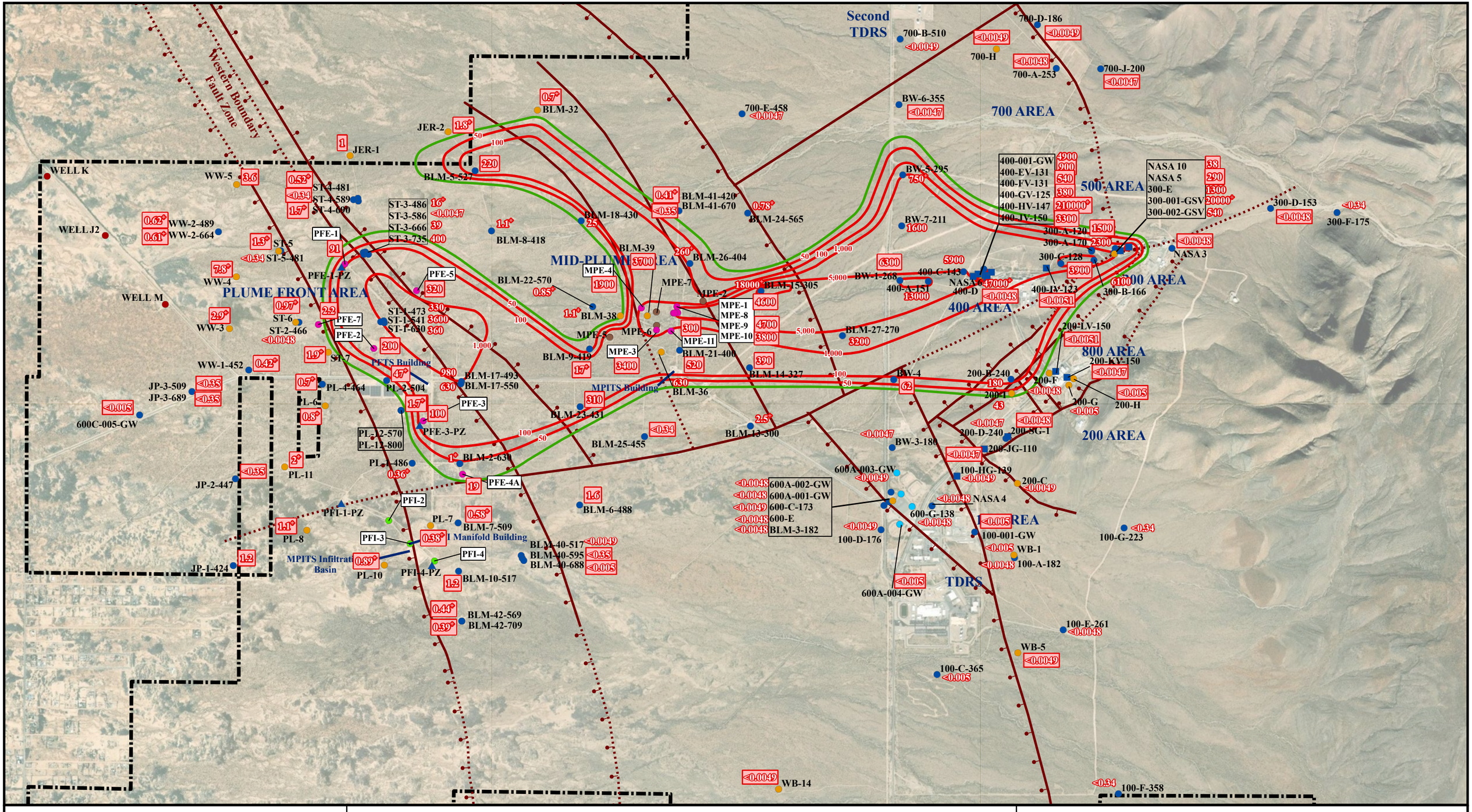
Figure 4.2 Site-Wide N-Nitrosodimethylamine (NDMA) Concentrations for the Reporting Period

(SEE NEXT PAGE)



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.

NDMA Maximum Concentrations in Groundwater for Fourth Quarter 2025

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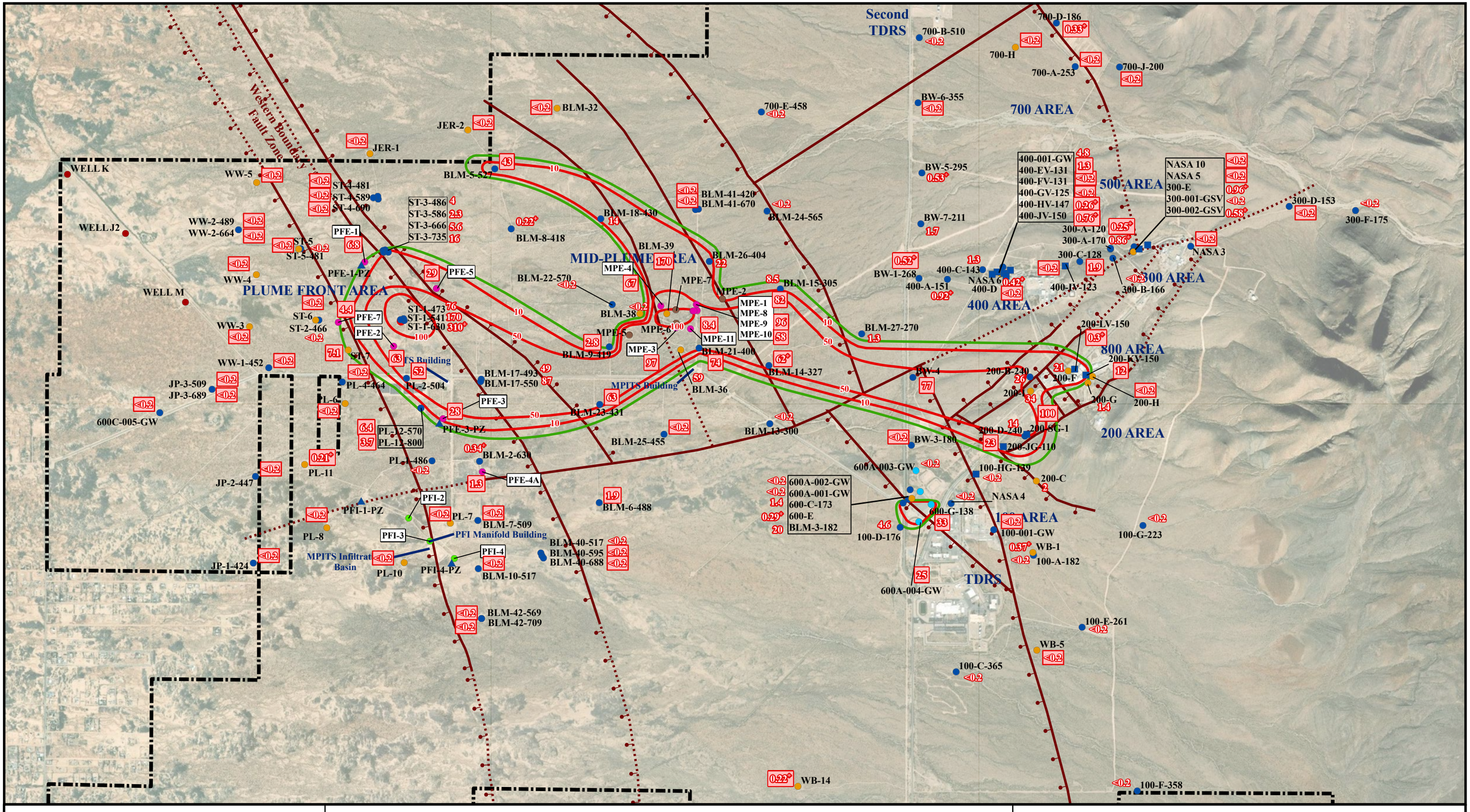
Figure 4.3 Site-Wide Trichloroethene (TCE) Concentrations for the Reporting Period

(SEE NEXT PAGE)



TCE Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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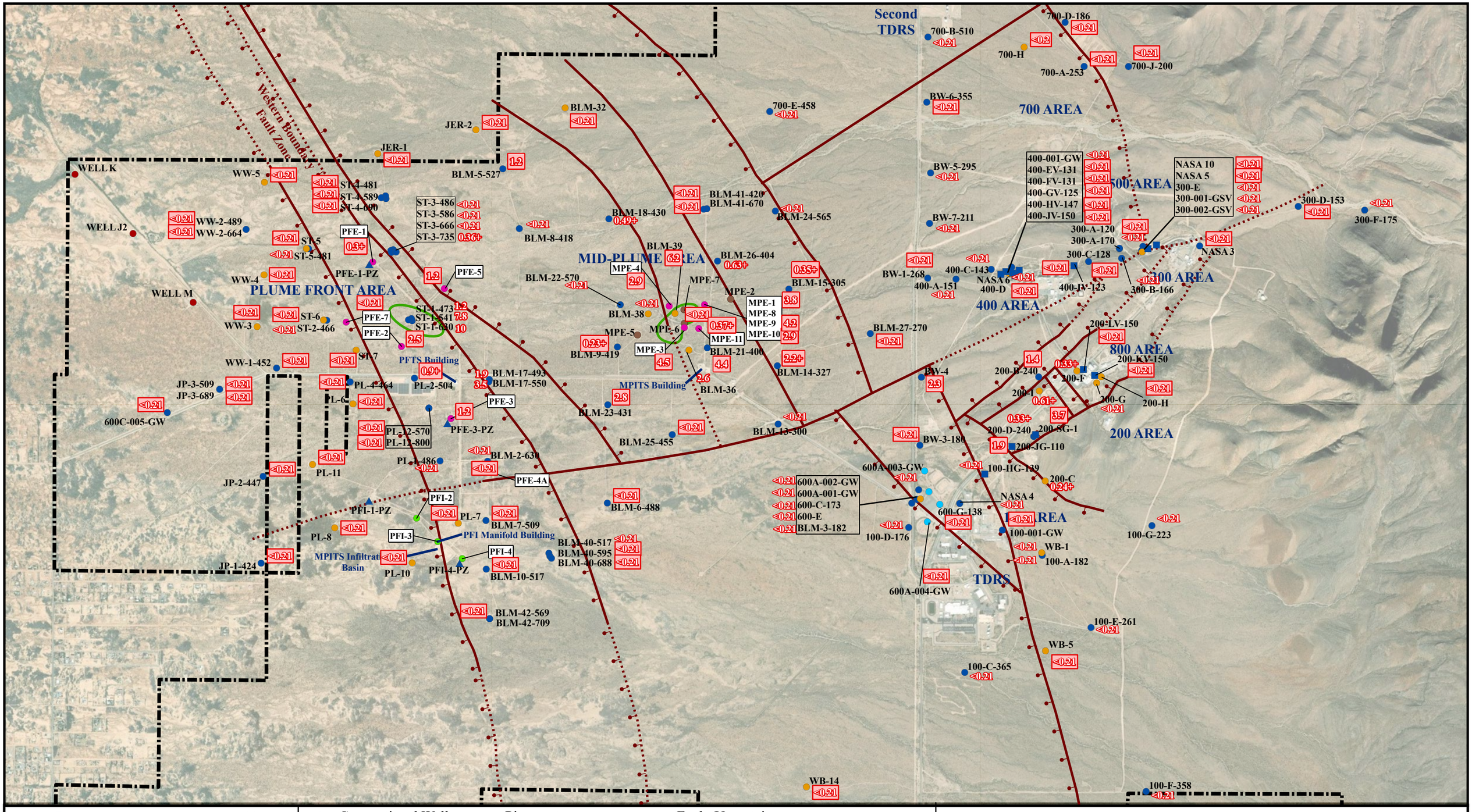
Figure 4.4 Site-Wide Tetrachloroethene (PCE) Concentrations for the Reporting Period

(SEE NEXT PAGE)



N
W E
S

February 2026

1 in = 2,167 ft

Feet

0 1,600 3,200

- Conventional Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport
- Piezometer
- Perched Well
- Production Well
- MSVGM Well
- WSTF Boundary
- Fault, Uncertain
- Fault
- PCE Cleanup Level (5 ug/L)

Note:
+ - Data value has a QA flag. See Appendix A.2 for specific flags.
8/0 - 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.

PCE Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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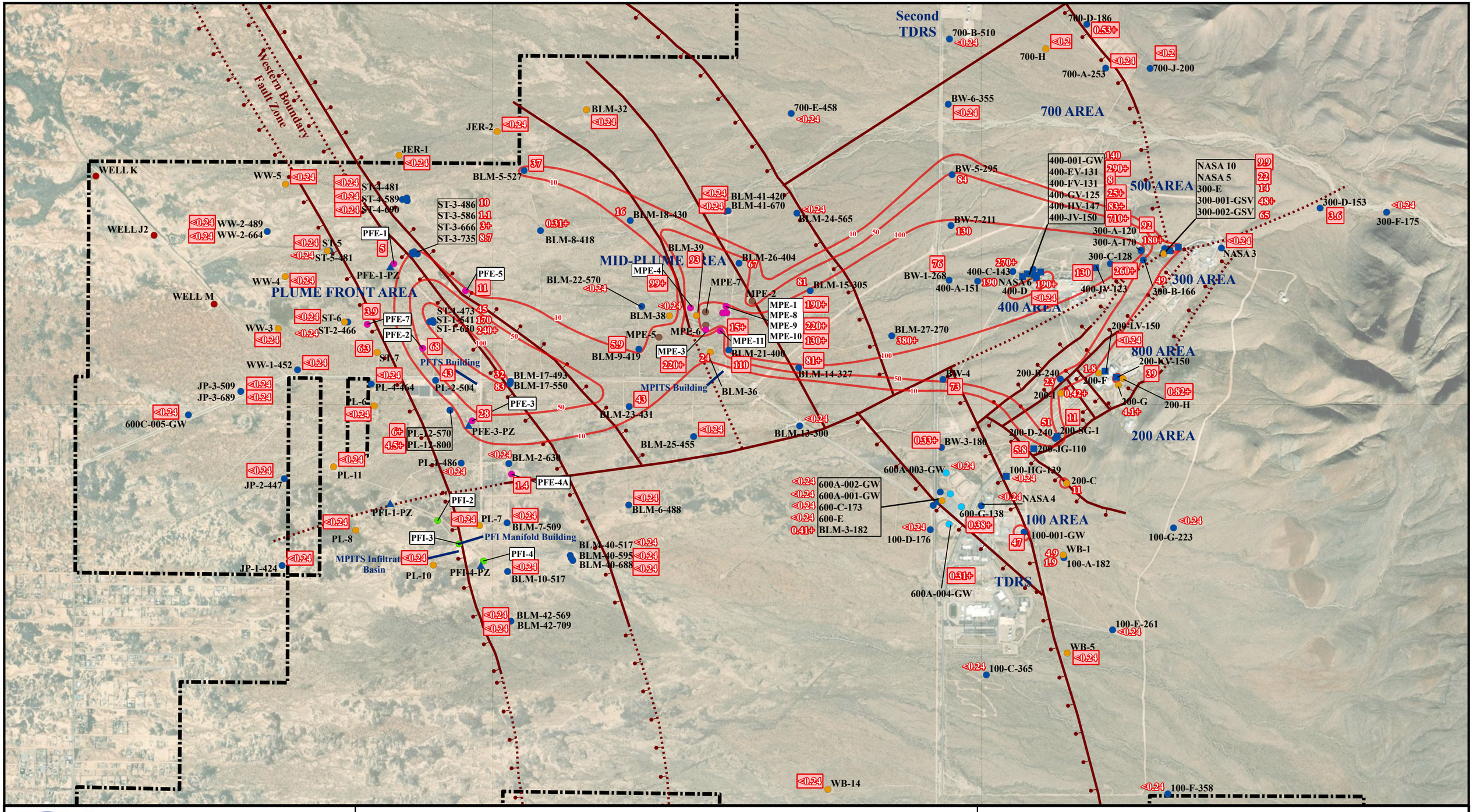
Figure 4.5 Site-Wide Freon 11 Concentrations for the Reporting Period

(SEE NEXT PAGE



Freon 11 Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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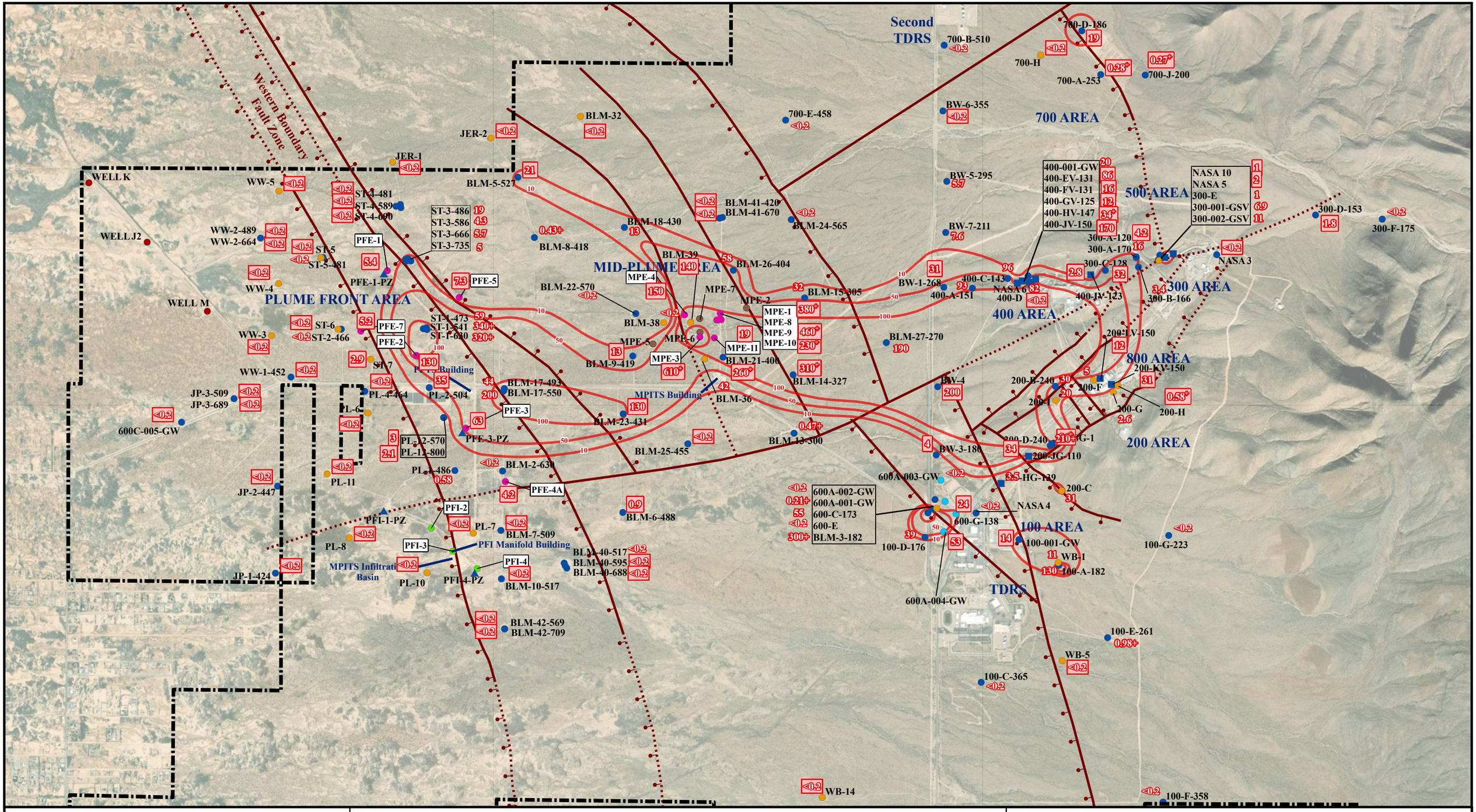
Figure 4.6 Site-Wide Freon 113 Concentrations for the Reporting Period

(SEE NEXT PAGE



Conventional Well	Perched Well	10 Equiconcentration Line (ug/L)	
Exploration Well	Production Well	WSTF Boundary	
Extraction Well	MSVGM Well		
Injection Well	Fault		
Multiport	Fault, Uncertain		
Piezometer			

Note:
Freon 113 concentations are below the EPA RSL (10,000 ug/L).
+ Data value has a QA flag. See Appendix A.2 for specific flags.
80 - 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.

1 inch = 2,167 feet
Feet
0 1,600 3,200

N W E S

February 2026

Freon 113 Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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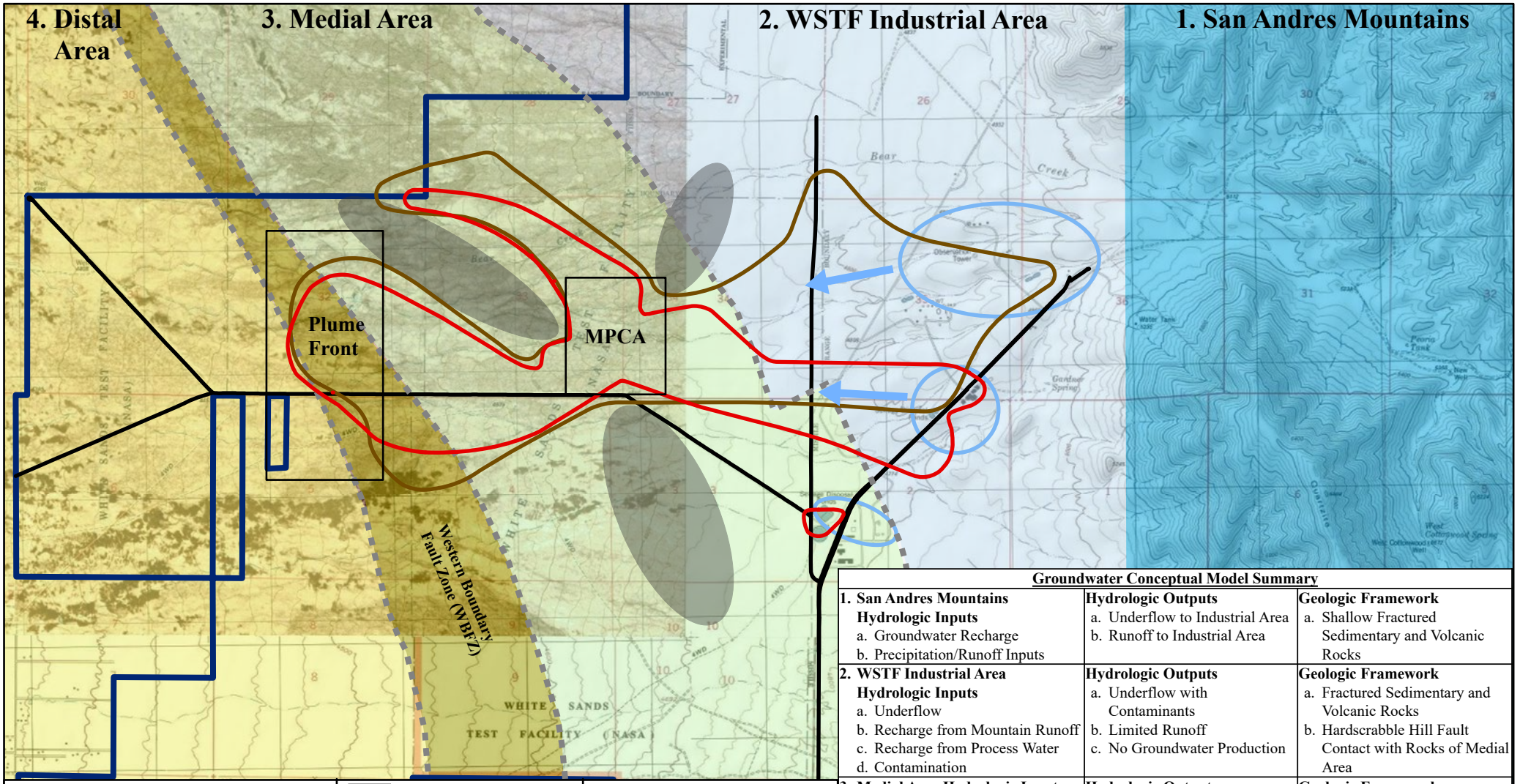
Figure 7.1 **WSTF Conceptual Model**

(SEE NEXT PAGE)



Site Conceptual Model Fourth Quarter 2024

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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- Low Conductivity Zone
- Source Areas
- WSTF Boundary
- Main Road
- Fault or Fault Zone
- 4Q2025 NDMA Plume
- 4Q2025 TCE Plume
- General Flow Direction

N
W E
S

1 in = 3,730 ft

February 2026

0 0.25 0.5 1 Miles

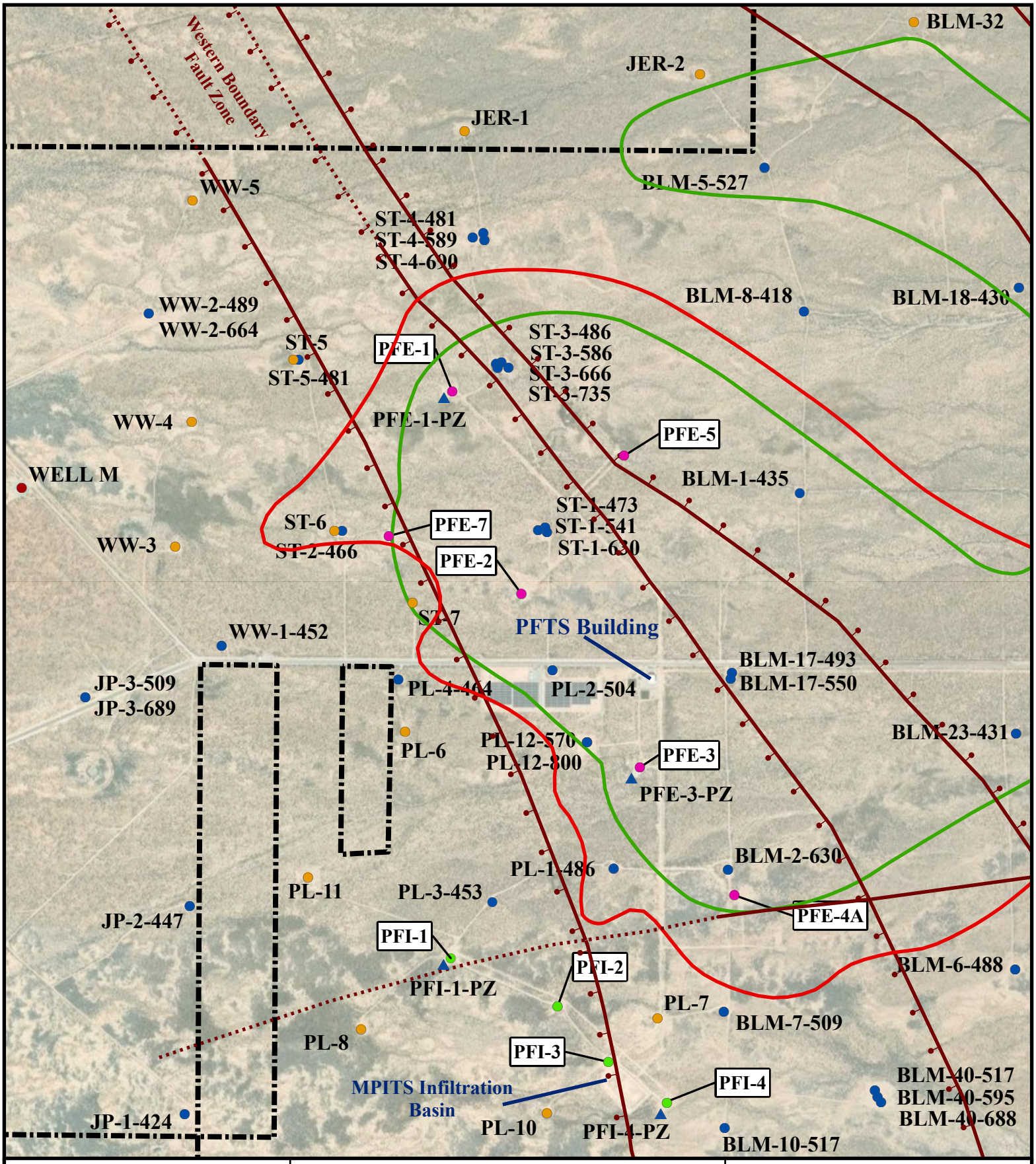
0 2,600 5,200 Feet

Groundwater Conceptual Model Summary

1. San Andres Mountains **Hydrologic Inputs** a. Groundwater Recharge b. Precipitation/Runoff Inputs	**Hydrologic Outputs** a. Underflow to Industrial Area b. Runoff to Industrial Area	**Geologic Framework** a. Shallow Fractured Sedimentary and Volcanic Rocks
2. WSTF Industrial Area **Hydrologic Inputs** a. Underflow b. Recharge from Mountain Runoff c. Recharge from Process Water d. Contamination	**Hydrologic Outputs** a. Underflow with Contaminants b. Limited Runoff c. No Groundwater Production	**Geologic Framework** a. Fractured Sedimentary and Volcanic Rocks b. Hardscrabble Hill Fault Contact with Rocks of Medial Area
3. Medial Area Hydrologic Inputs a. Underflow from Industrial Area b. Limited Recharge through Infiltration c. Contaminants with underflow	**Hydrologic Outputs** a. Underflow with Contaminants b. Contaminants removed by MPITS	**Geologic Framework** a. Fractured Volcanic Rocks b. Low Permeability Zones c. WBFZ Contact with Distal Areas
4. Distal Areas Hydrologic Inputs a. Underflow from Medial Areas b. Contaminants with Underflow c. Recharge from PFTS, Injection Wells, and MPITS Infiltration Basin	**Hydrologic Outputs** a. Contaminants removed by PFTS b. Groundwater Production c. Underflow	**Geologic Framework** a. Well-graded Alluvium b. Hydraulic Boundary Effects with Bedrock c. Higher Permeability than Fractured Bedrock

Figure 7.2 **PFTS Target Capture Zone**

(SEE NEXT PAGE)



Plume Front Treatment System Capture Zone for Fourth Quarter 2025

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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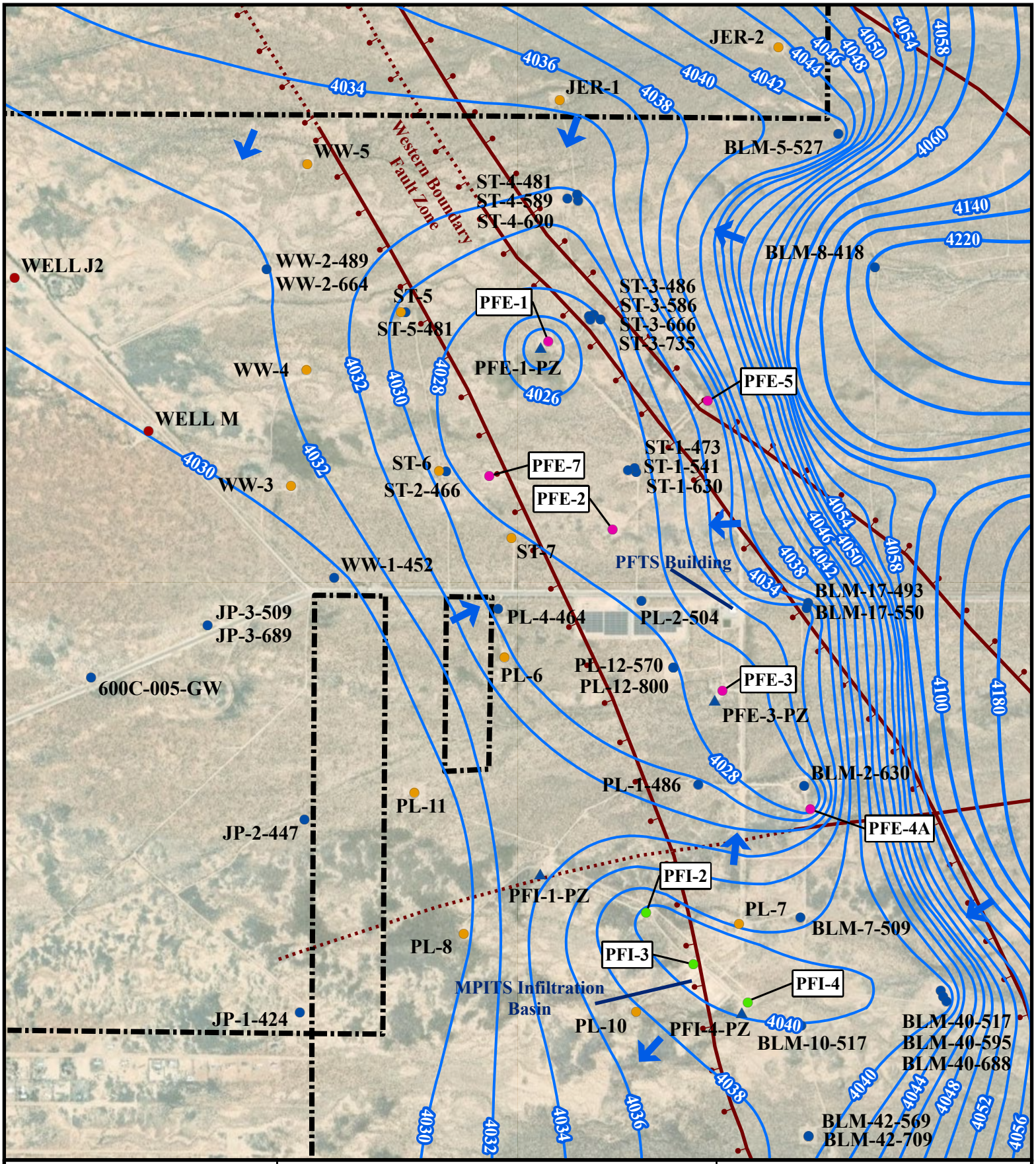
Figure 7.3 Plume Front Groundwater Elevations for the Reporting Period

(SEE NEXT PAGE)



Plume Front Groundwater Elevations for Fourth Quarter 2025

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 7.4 Quarterly Plume Front Potentiometric Surface

(SEE NEXT PAGE)

First Quarter 2025

Second Quarter 2025

Third Quarter 2025

Fourth Quarter 2025

BLM-32
JER-2
JER-1
BLM-5-527
WW-5
ST-4-481
ST-4-589
ST-4-690
Western Boundary Fault Zone
WW-2-489
WW-2-664
ST-5
ST-5-481
PFE-1
PFE-1-PZ
ST-3-486
ST-3-586
ST-3-666
ST-3-735
BLM-8-418
PFE-5
WW-4
ST-6
ST-2-466
PFE-7
PFE-2
ST-7
ST-1-473
ST-1-541
ST-1-630
WW-3
WW-1-452
PFTS Building
JP-3-509
JP-3-689
PL-4-464
PL-2-504
BLM-17-493
BLM-17-550
PL-6
PL-12-570
PL-12-800
PFE-3
PFE-3-PZ
PL-1-486
BLM-2-630
PL-11
JP-2-447
PFE-4A
PFI-2
PFI-1-PZ
PL-7
BLM-7-509
PL-8
PFI-3
PFI-4
MPITS Infiltration Basin
JP-1-424
PL-10
PFI-4-PZ
BLM-10-517
BLM-40-517
BLM-40-595
BLM-40-688
BLM-42-569
BLM-42-709

Conventional Well
Extraction Well
Injection Well
Multiport
Piezometer
General Groundwater Flow Direction

Groundwater Elevation 40 Feet Contour
Groundwater Elevation 2 Feet Contour
Fault, uncertain
Fault
WSTF Boundary

N
W E
S

1 in = 1,917 ft
0 0.13 0.25 0.5 Miles
0 1,500 3,000 Feet

February 2026

Quarterly Plume Front Potentiometric Surface 2025

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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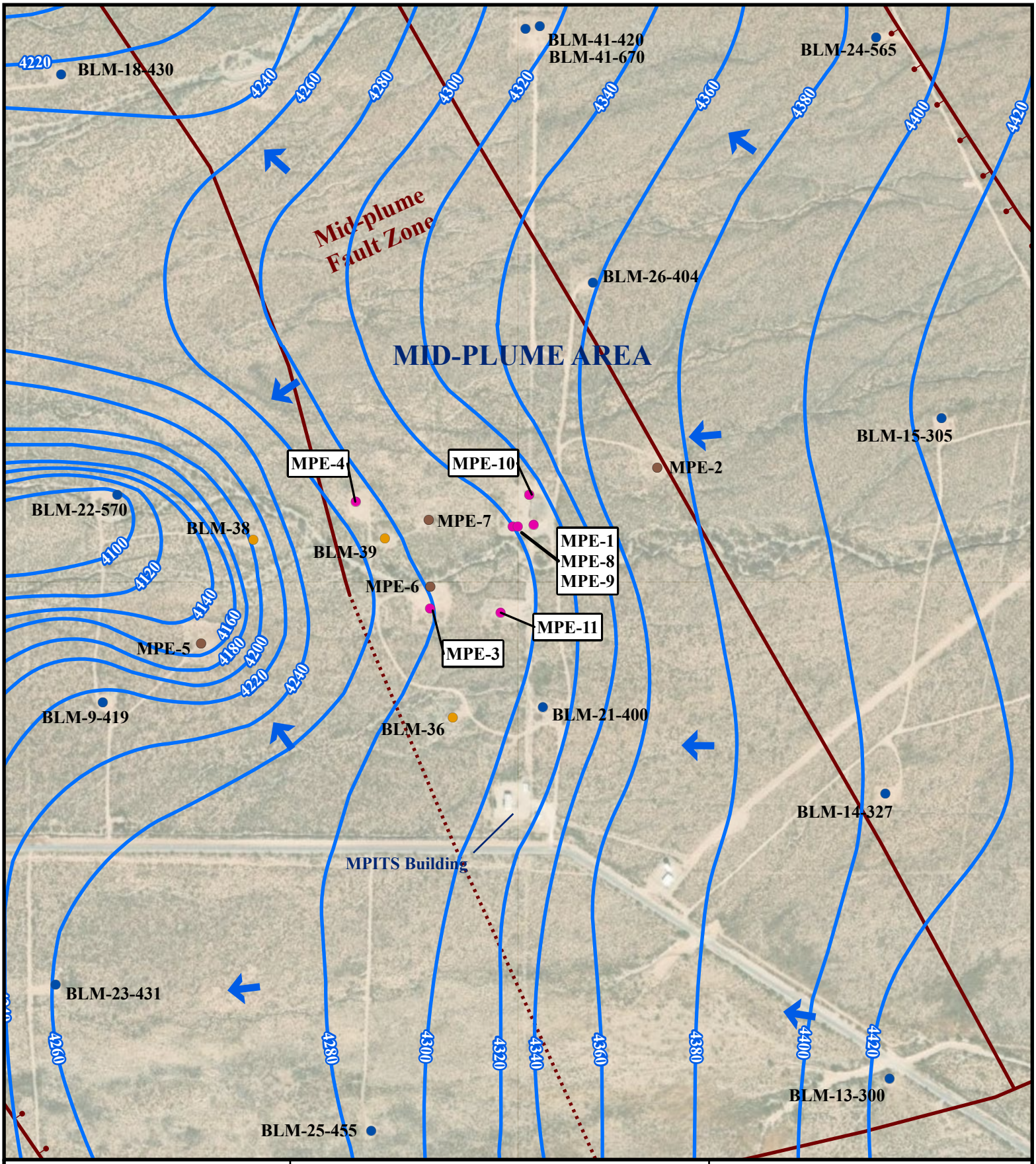
Figure 7.5 Mid-plume Groundwater Elevations for the Reporting Period

(SEE NEXT PAGE)



N
W E
S

February 2026

1:7,650
0 315 630 Feet

- Conventional Well
- Exploration Well
- Extraction Well
- Multiport
- Fault, uncertain
- Fault
- Groundwater Flow Direction

Mid-Plume Groundwater Elevations for Fourth Quarter 2025

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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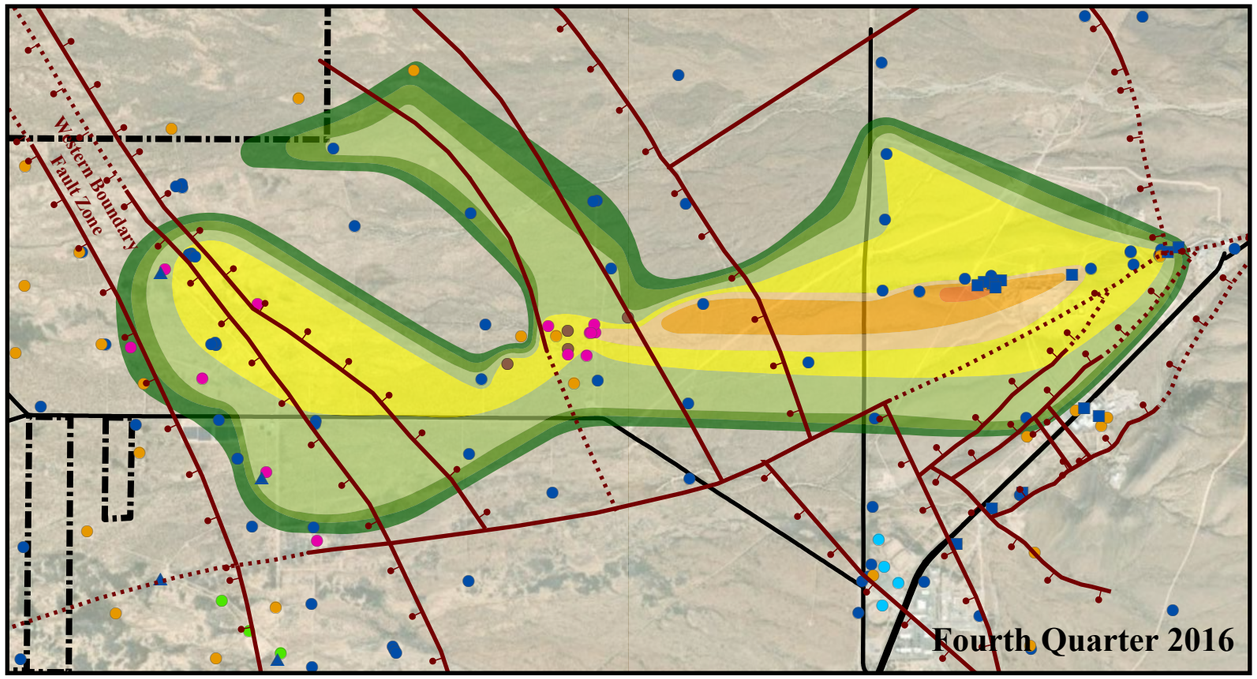
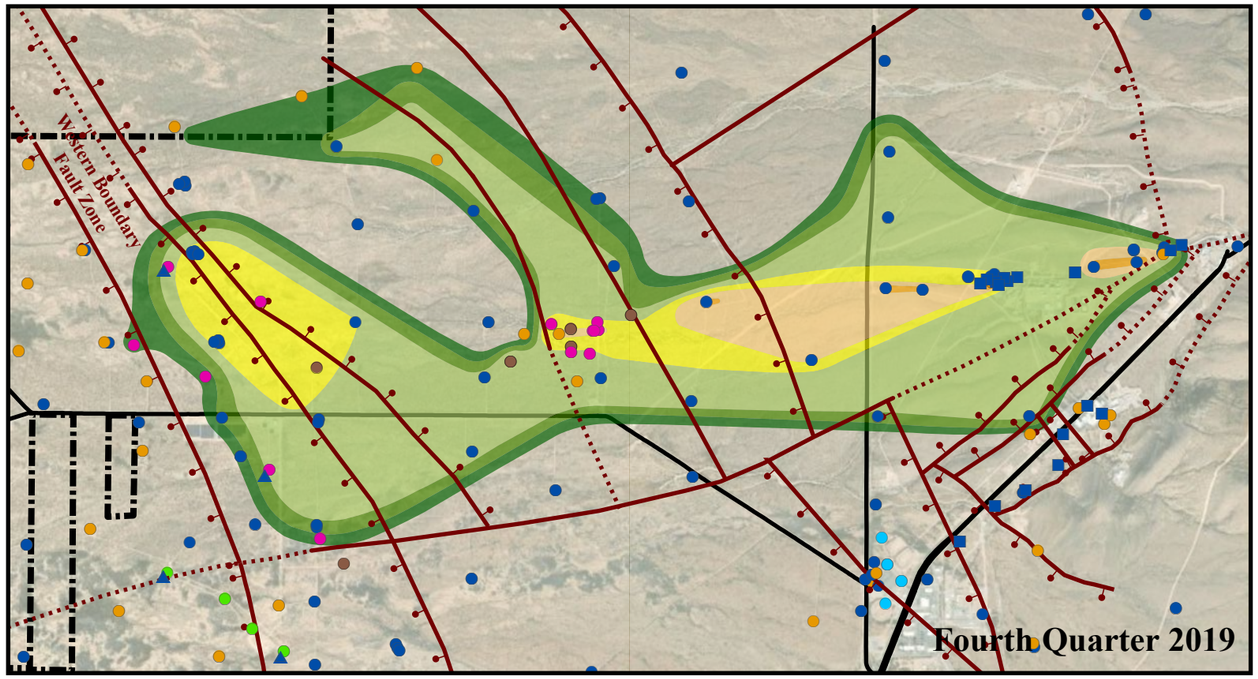
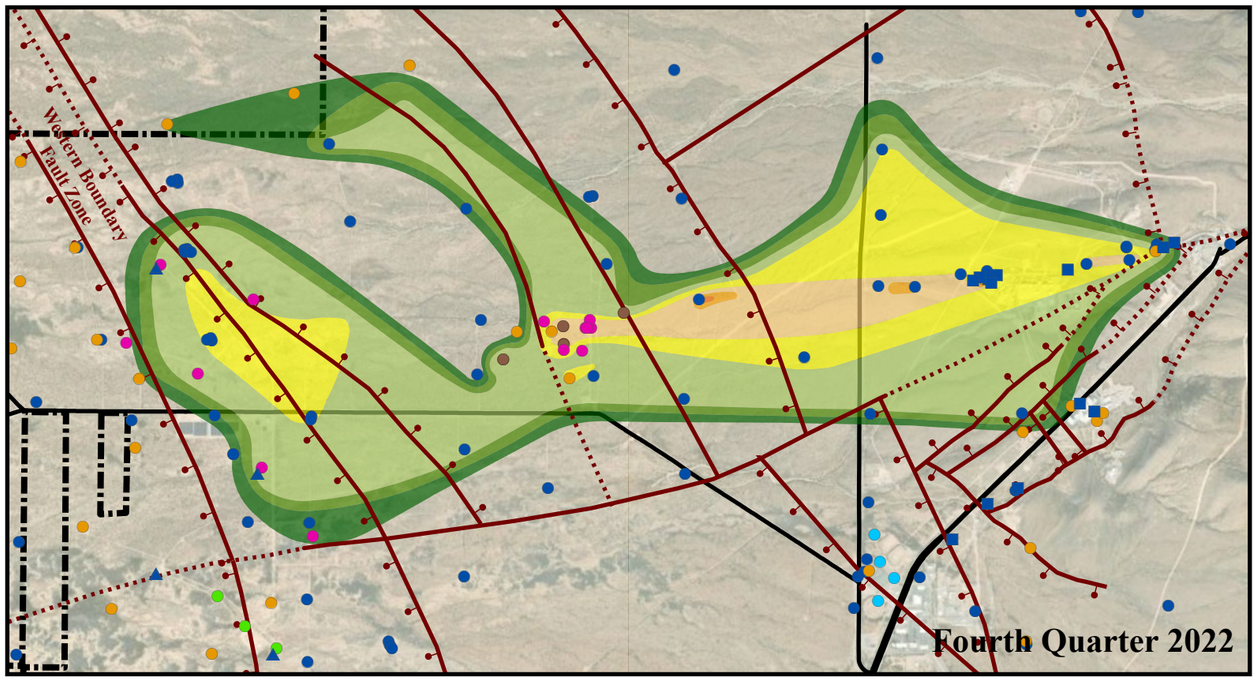
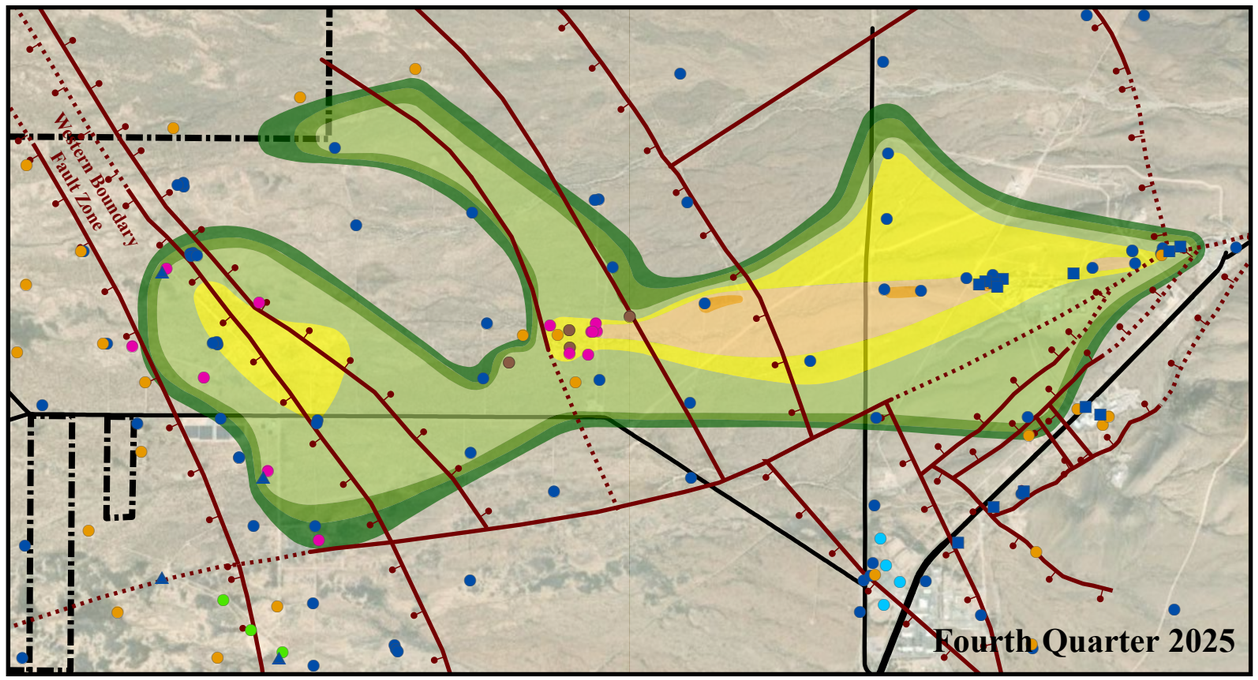
Figure 7.6 **NDMA Delineation in Groundwater**

(SEE NEXT PAGE)









NASA

1 in = 2,880 ft

0 0.25 0.5 1 Miles

0 2,800 5,600 Feet

N
W E
S

February 2026

- Conventional Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport
- Piezometer
- Perched Well
- Production Well
- MSVGM Well
- Main Road
- Fault
- Fault, Uncertain
- WSTF Boundary

NDMA Concentration (ng/L)

4.9 50 100 1000 5000 10000 20000 50000

NDMA Plume Delineation in Groundwater

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 7.7 Trichloroethene (TCE) Delineation in Groundwater

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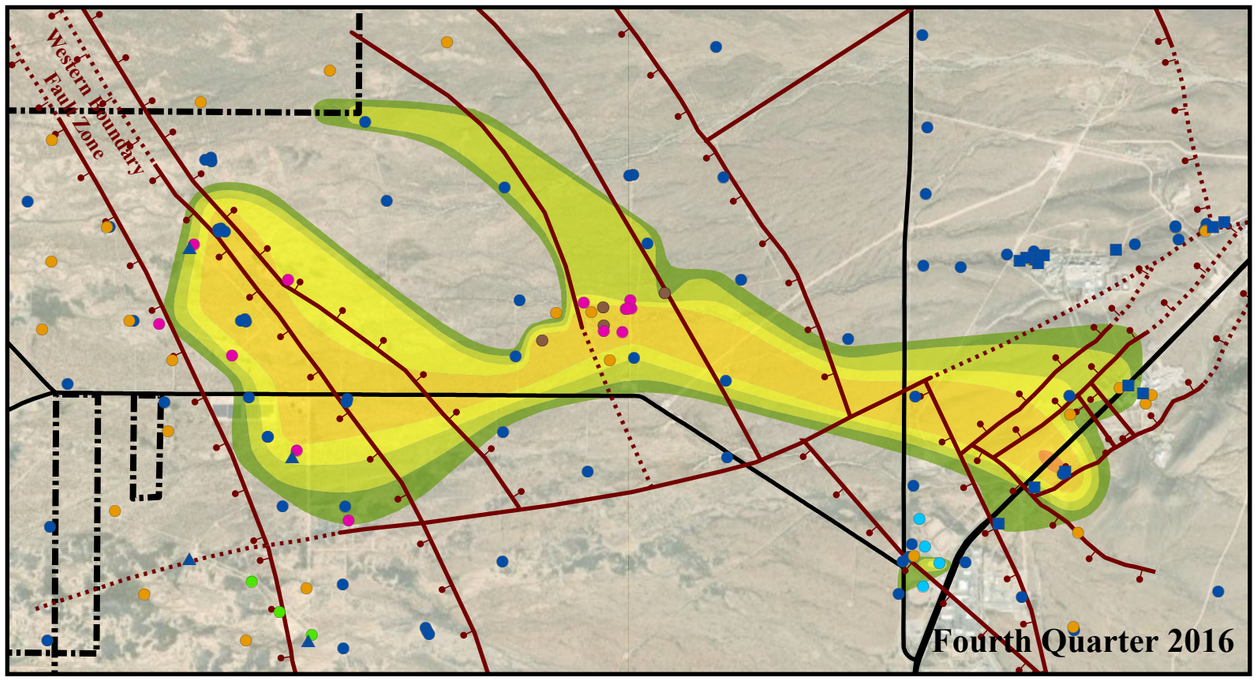

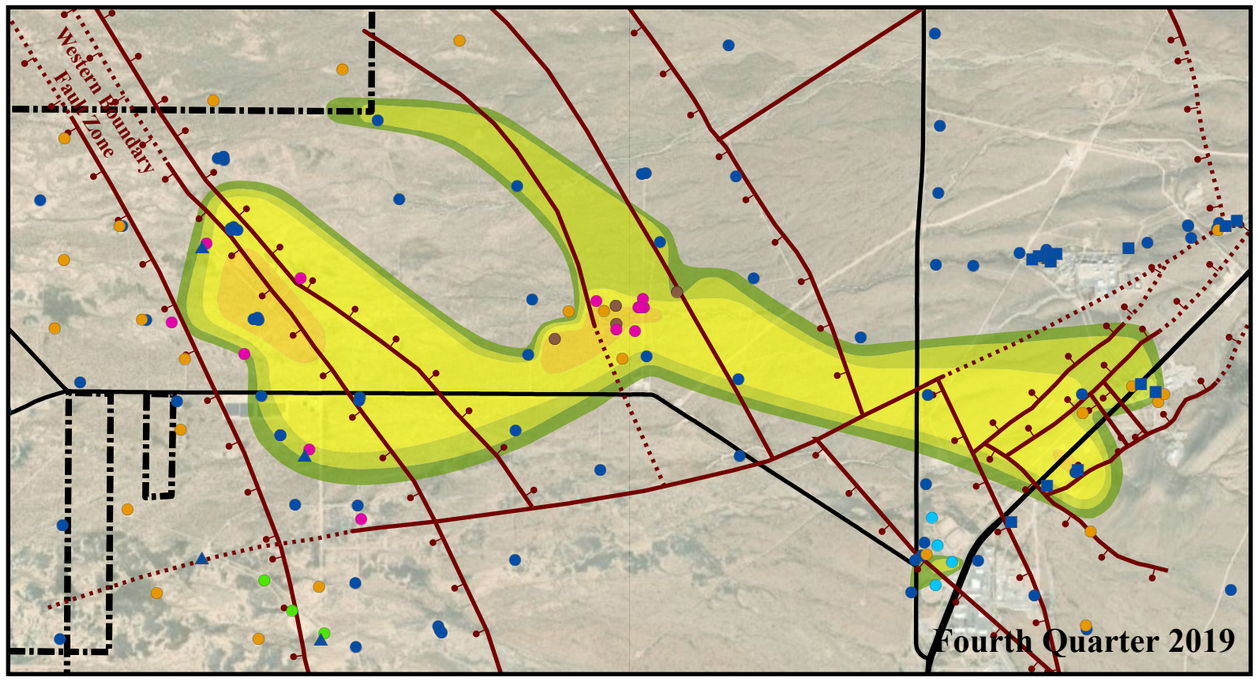

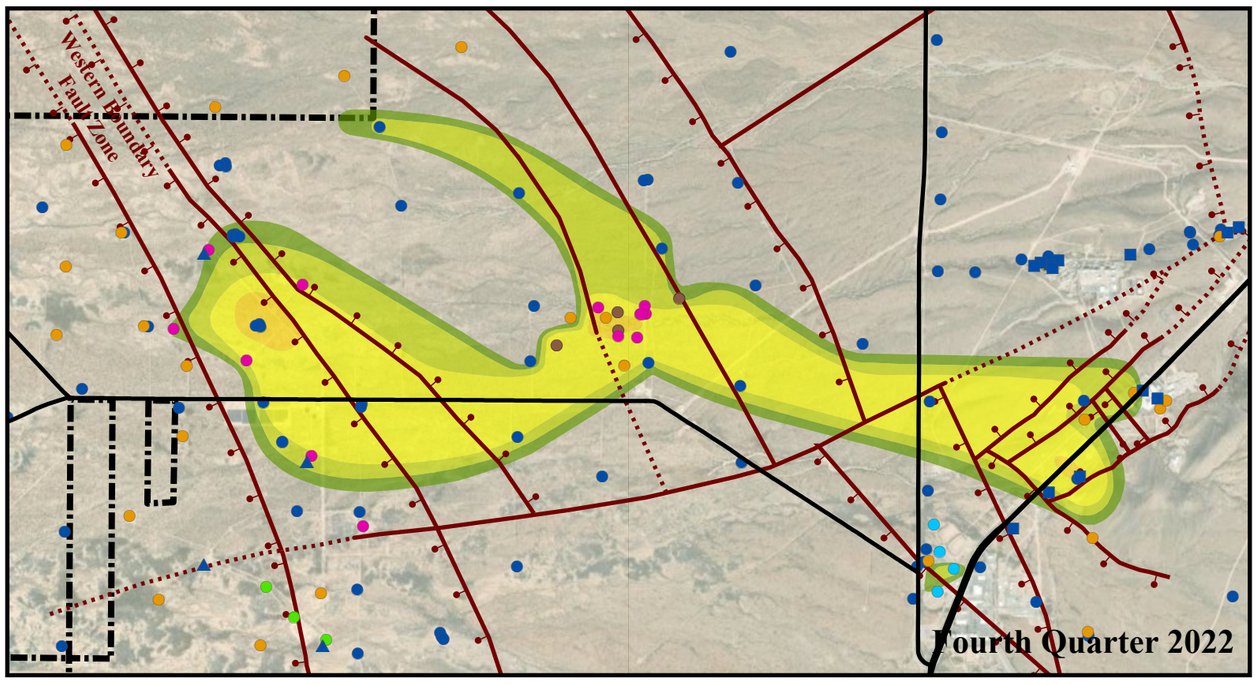

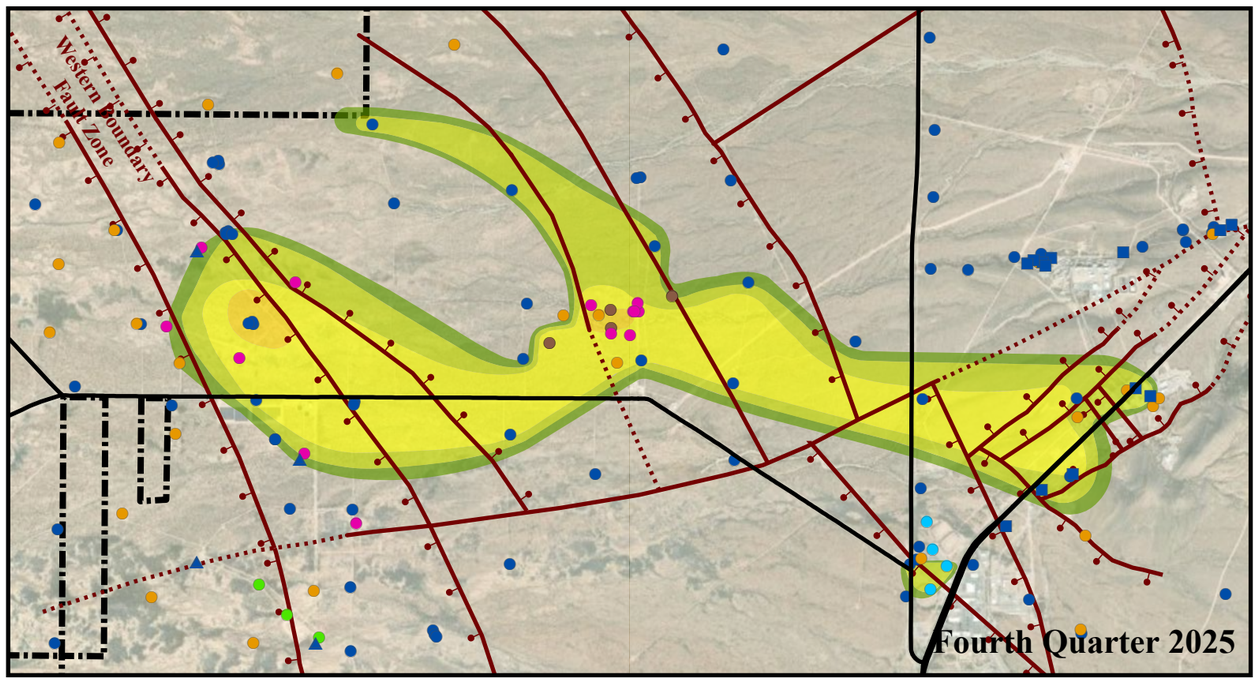

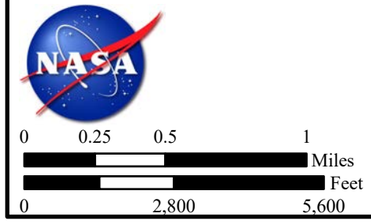

0 0.25 0.5 1 Miles

0 2,800 5,600 Feet

February 2026

1 in = 2,833 ft

- Conventional Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport
- Piezometer
- Perched
- Production Well
- MSVGM Well
- Main Road
- Fault, Uncertain
- Fault
- WSTF Boundary

TCE Concentration (ug/L)

5.0 10 50 100 200 300

TCE Plume Delineation in Groundwater

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 7.8 Tetrachloroethene (PCE) Delineation in Groundwater

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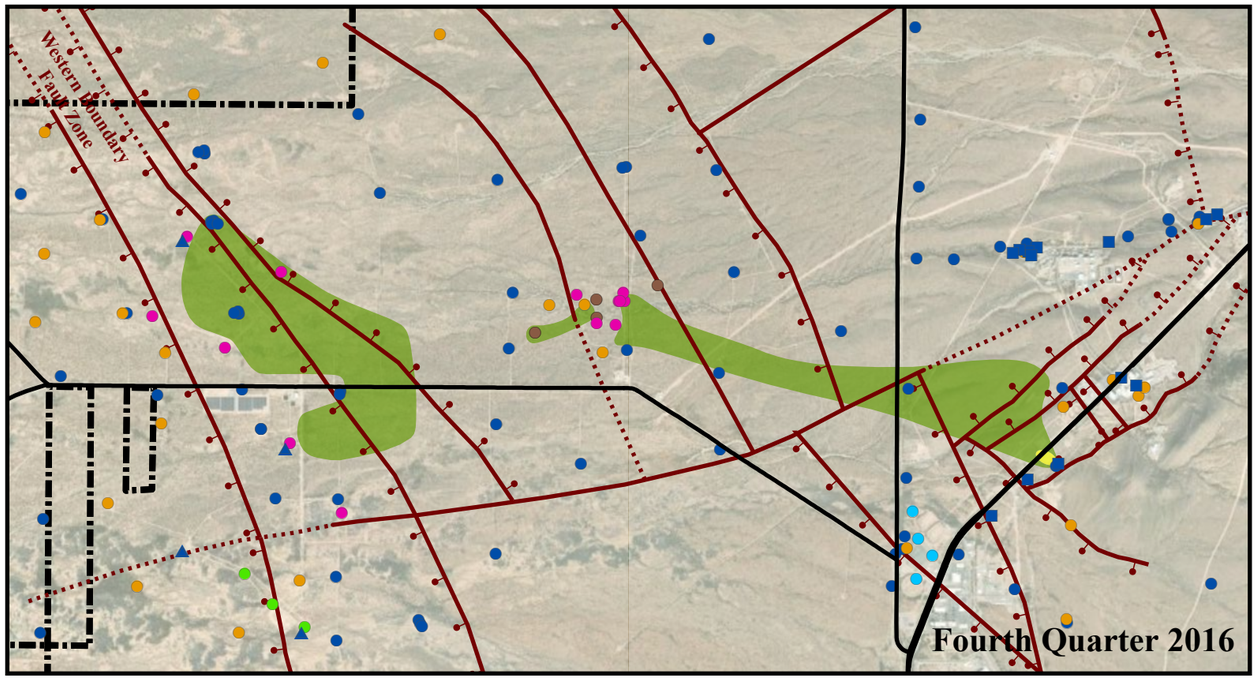

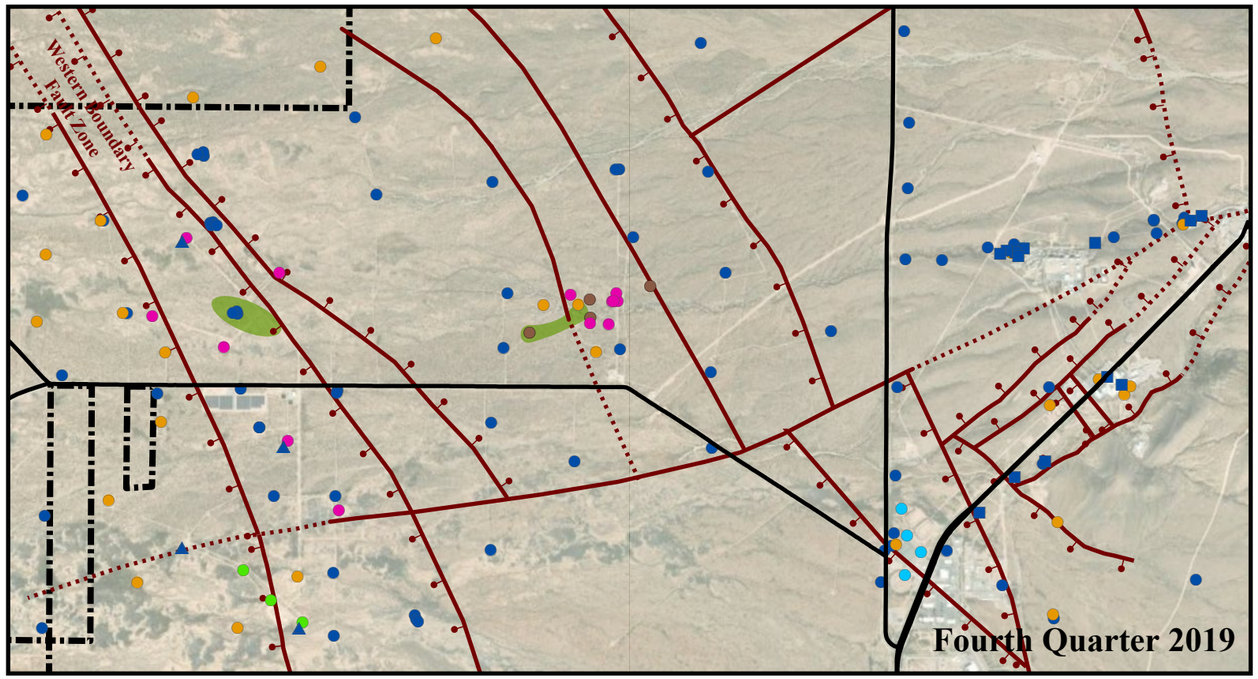

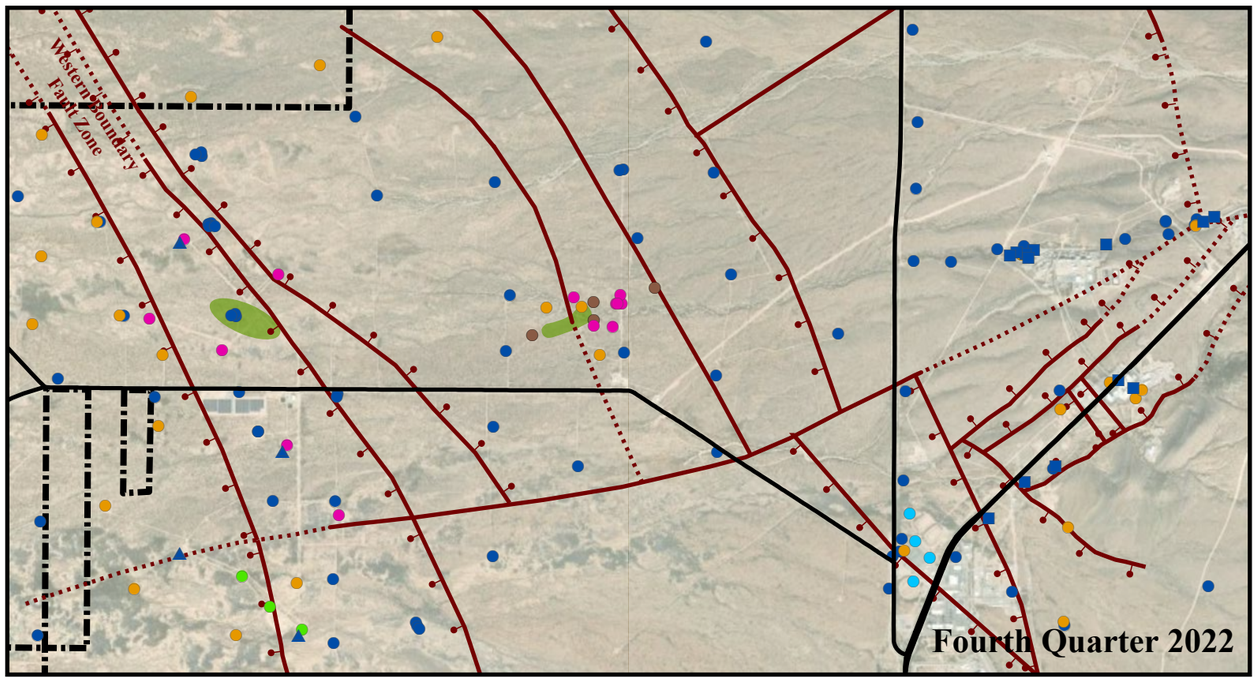

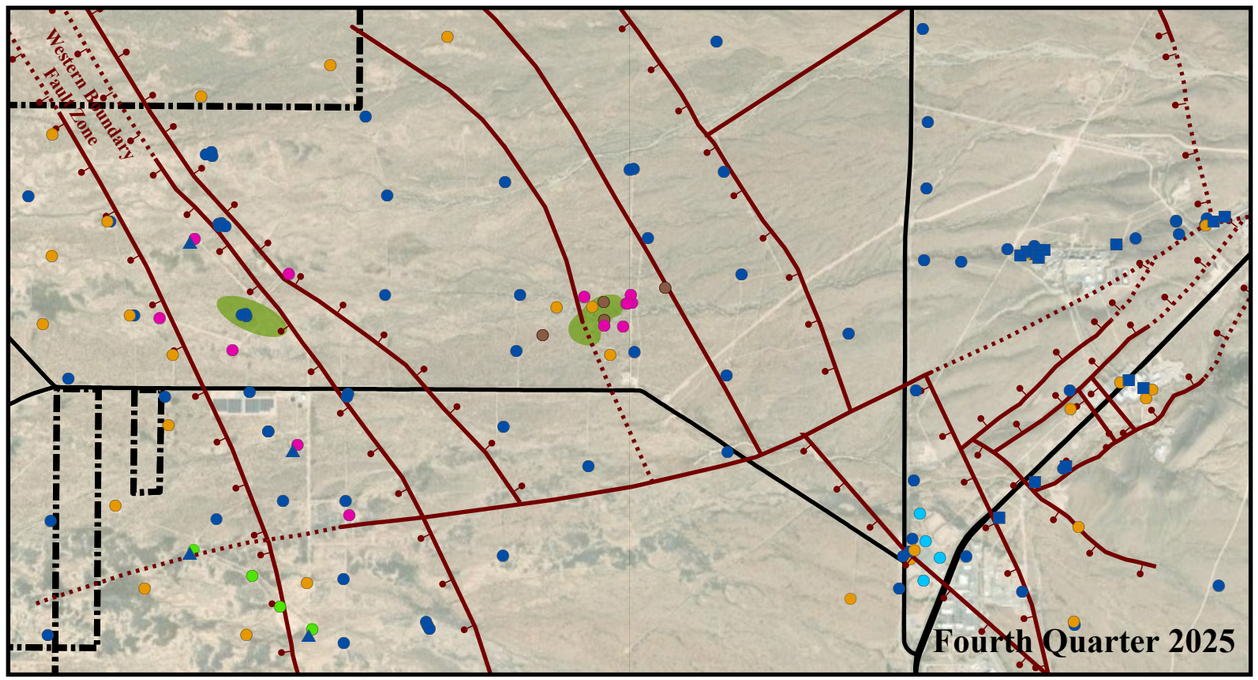

1 in = 2,833 ft

0 0.25 0.5 1 Miles

0 2,800 5,600 Feet

N W E S

February 2026

- Conventional Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport
- Piezometer
- Perched Well
- Production Well
- MSVGM Well
- Main Road
- Fault
- Fault, Uncertain
- WSTF Boundary

PCE Concentration (ug/L)

5.0 10

PCE Plume Delineation in Groundwater

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 7.9 **Freon 11 Delineation in Groundwater**

(SEE NEXT PAGE)

Western Boundary Fault Zone

Fourth Quarter 2016

Fourth Quarter 2019

Fourth Quarter 2022

Fourth Quarter 2025

N
W E
S

1 in = 2,833 ft

0 0.25 0.5 1 Miles

0 2,800 5,600 Feet

February 2026

- Conventional Well
- Exploration Well
- Extraction Well
- Injection Well
- Multiport
- Piezometer
- Perched Well
- Production Well
- MSVGM Well
- Fault, Uncertain
- Fault
- Main Road
- WSTF Boundary

Freon 11 Concentration (ug/L)

10 50 100 500

Freon 11 Plume Delineation in Groundwater

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 7.10 NDMA Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)

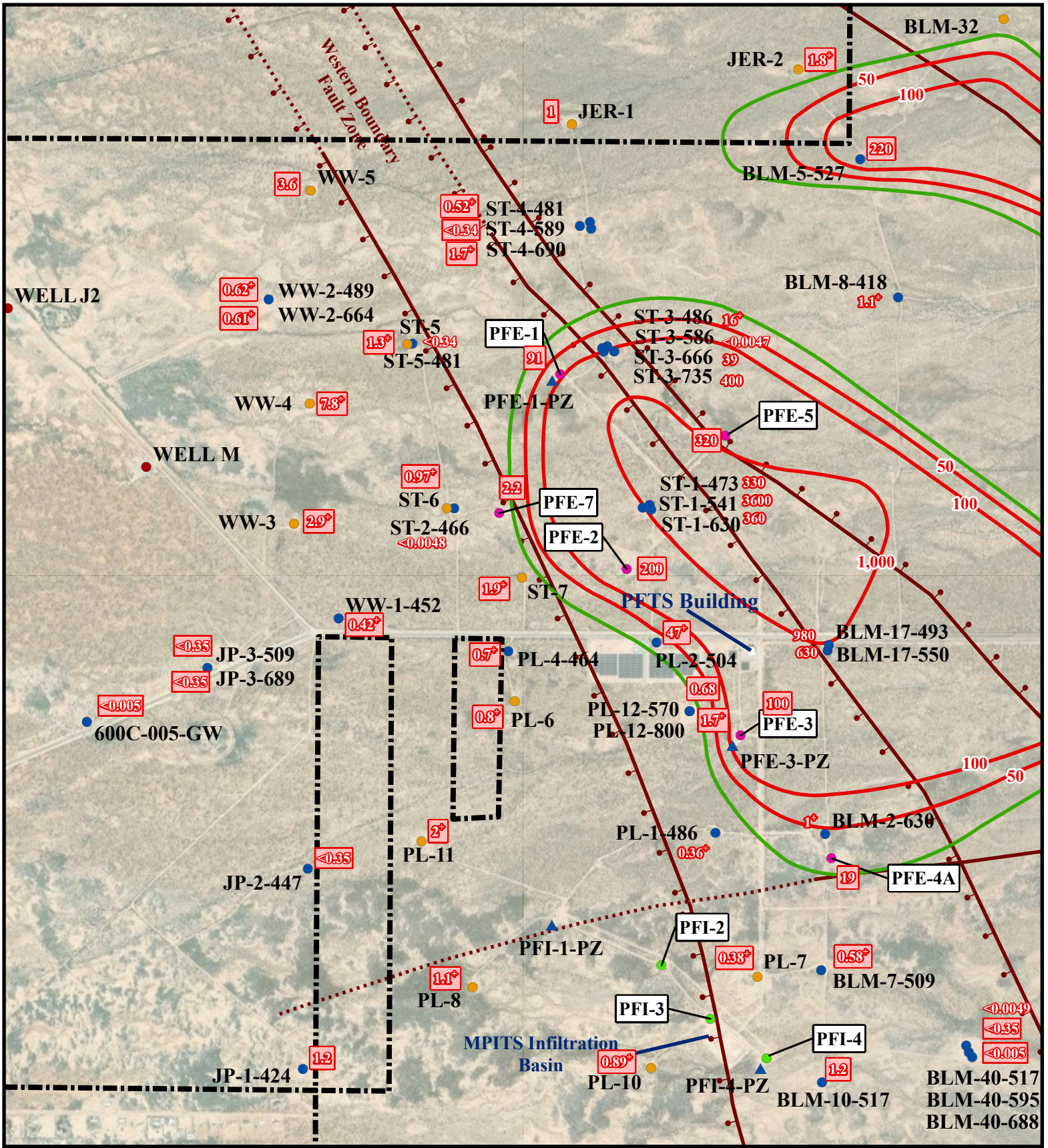
Western Boundary Fault Zone
BLM-32
JER-2
1.8+
50
100
1
JER-1
220
BLM-5-527
3.6
WW-5
0.52+
ST-4-481
<0.34
ST-4-589
1.7+
ST-4-690
BLM-8-418
1.1+
WELL J2
0.62+
WW-2-489
0.61+
WW-2-664
ST-3-486 16+
ST-3-586 <0.0047
ST-3-666 39
ST-3-735 400
ST-5
1.8+
<0.34
ST-5-481
PFE-1
21
WW-4
7.8+
PFE-1-PZ
PFE-5
320
WELL M
50
100
0.97+
ST-6
2.2
PFE-7
ST-1-473 330
ST-1-541 3600
ST-1-630 360
WW-3
2.9+
ST-2-466
<0.0048
PFE-2
200
1,000
1.9+
ST-7
PFTS Building
WW-1-452
0.42+
47+
980
630
BLM-17-493
BLM-17-550
<0.35
JP-3-509
0.7+
PL-4-464
PL-2-504
<0.35
JP-3-689
0.68
<0.005
PL-12-570
100
0.8+
PL-6
1.7+
PFE-3
600C-005-GW
PL-12-800
PFE-3-PZ
100
50
1+
BLM-2-630
PL-1-486
2+
PL-11
0.36+
<0.35
19
PFE-4A
JP-2-447
PFI-2
PFI-1-PZ
0.33+
PL-7
0.53+
BLM-7-509
1.1+
PL-8
PFI-3
<0.0049
<0.35
MPITS Infiltration Basin
PFI-4
<0.005
1.2
0.89+
1.2
JP-1-424
PL-10
PFI-4-PZ
BLM-10-517
BLM-40-517
BLM-40-595
BLM-40-688
N
W
E
S
February 2026
0 350 700 1,400 Feet
Conventional Well
Extraction Well
Injection Well
Multiport
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 Fourth Quarter 2025
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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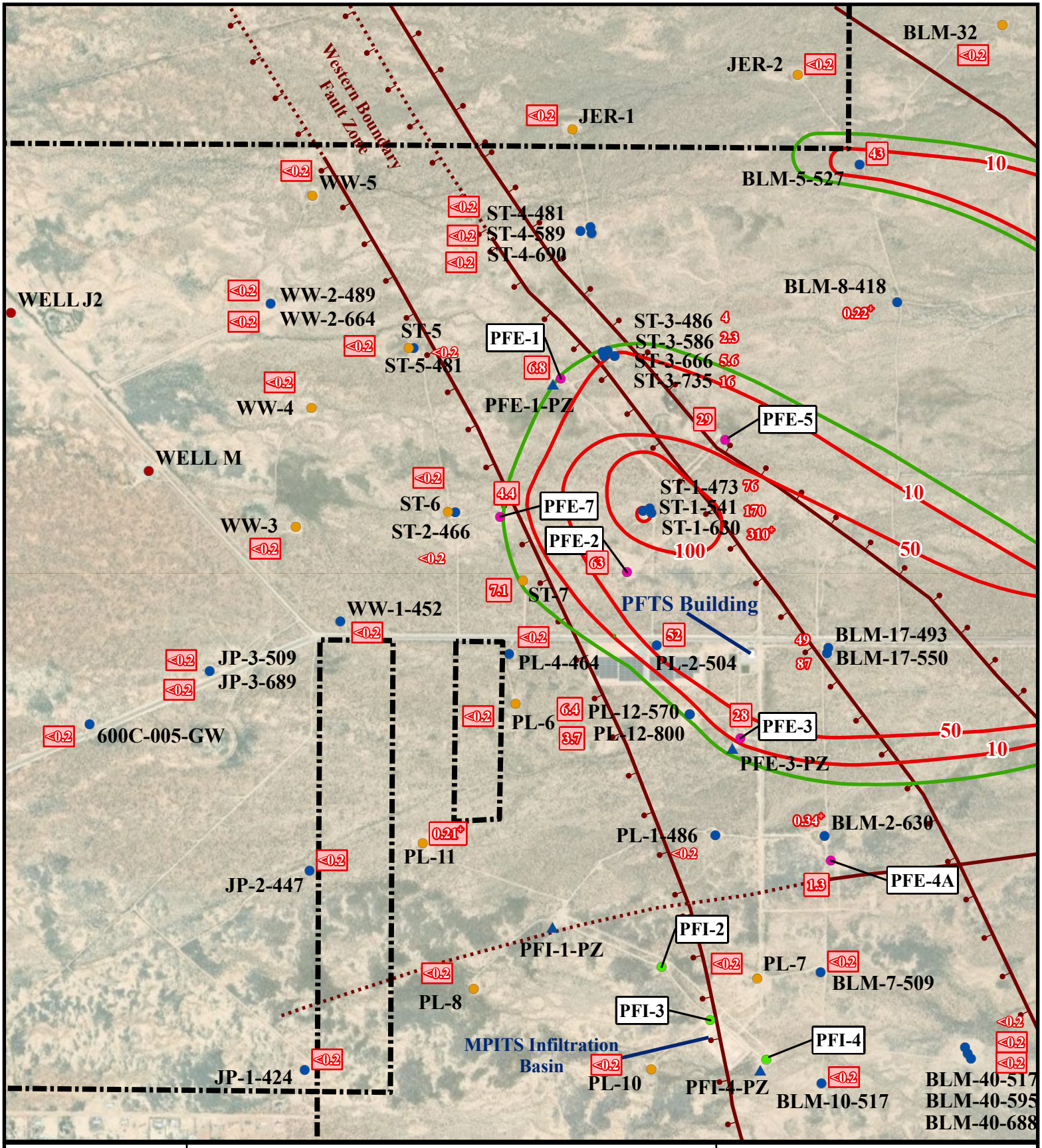
Figure 7.11 TCE Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)



Plume Front TCE Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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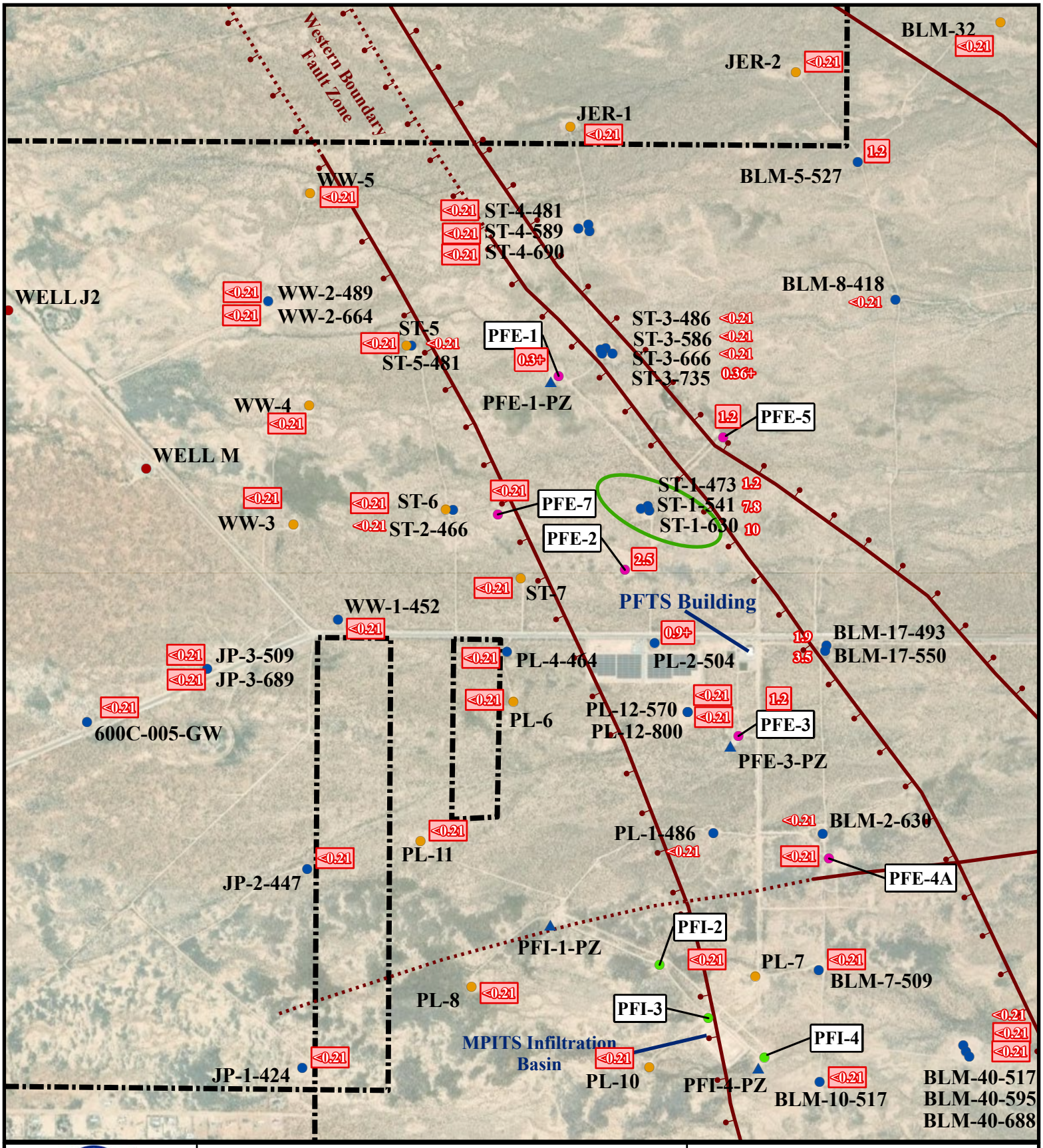
Figure 7.12 PCE Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)



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

Plume Front PCE Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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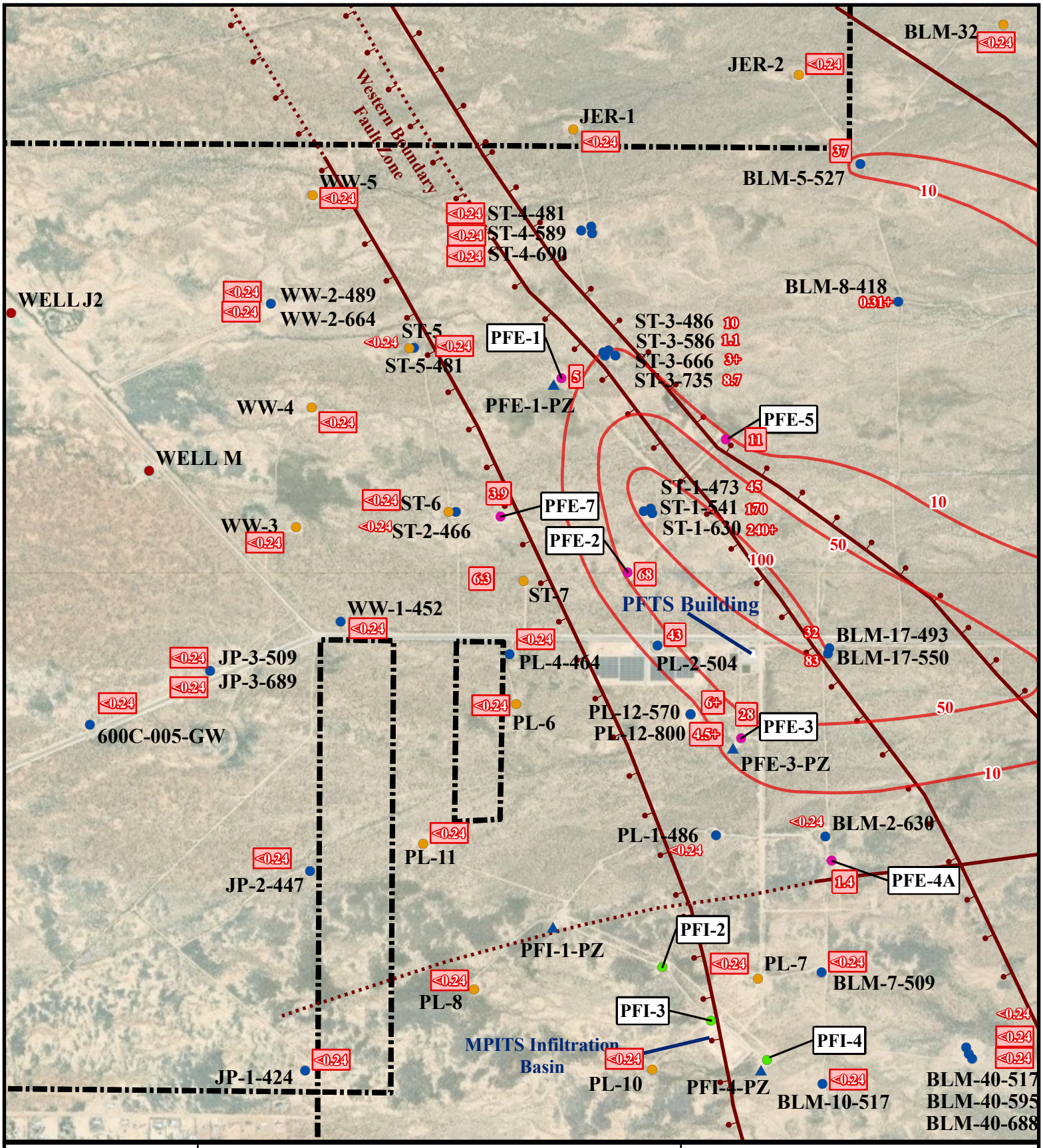
Figure 7.13 Freon 11 Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)



NASA

N
W E
S

February 2026

0 350 700 1,400 Feet

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

Note:
Freon 11 concentrations are below the EPA RSL (5,200 ug/L).
+ - 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 Freon 11 Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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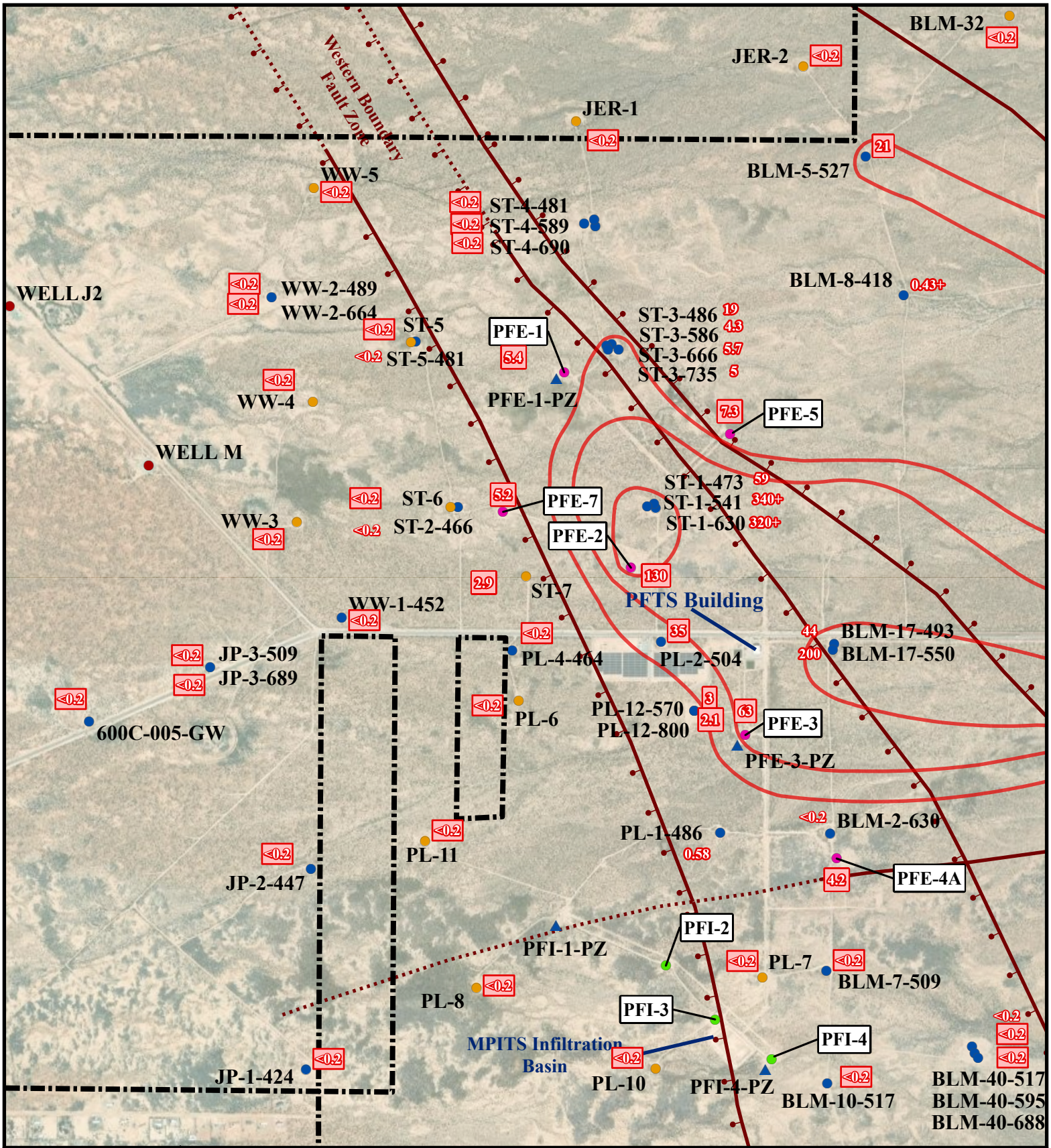
Figure 7.14 Freon 113 Concentrations at the Plume Front for the Reporting Period

(SEE NEXT PAGE)



N
W E
S

February 2026

0 350 700 1,400 Ft

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

- WSTF Boundary
- Fault, Uncertain
- Fault
- 50 Equiconcentration Line (ug/L)

Note:
Freon 113 concentrations are below the EPA RSL (10,000 ug/L).
+ Data value has a QA flag. See Appendix A.2 for specific flags.
80 - 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 Freon 113 Maximum Concentrations in Groundwater for Fourth Quarter 2025

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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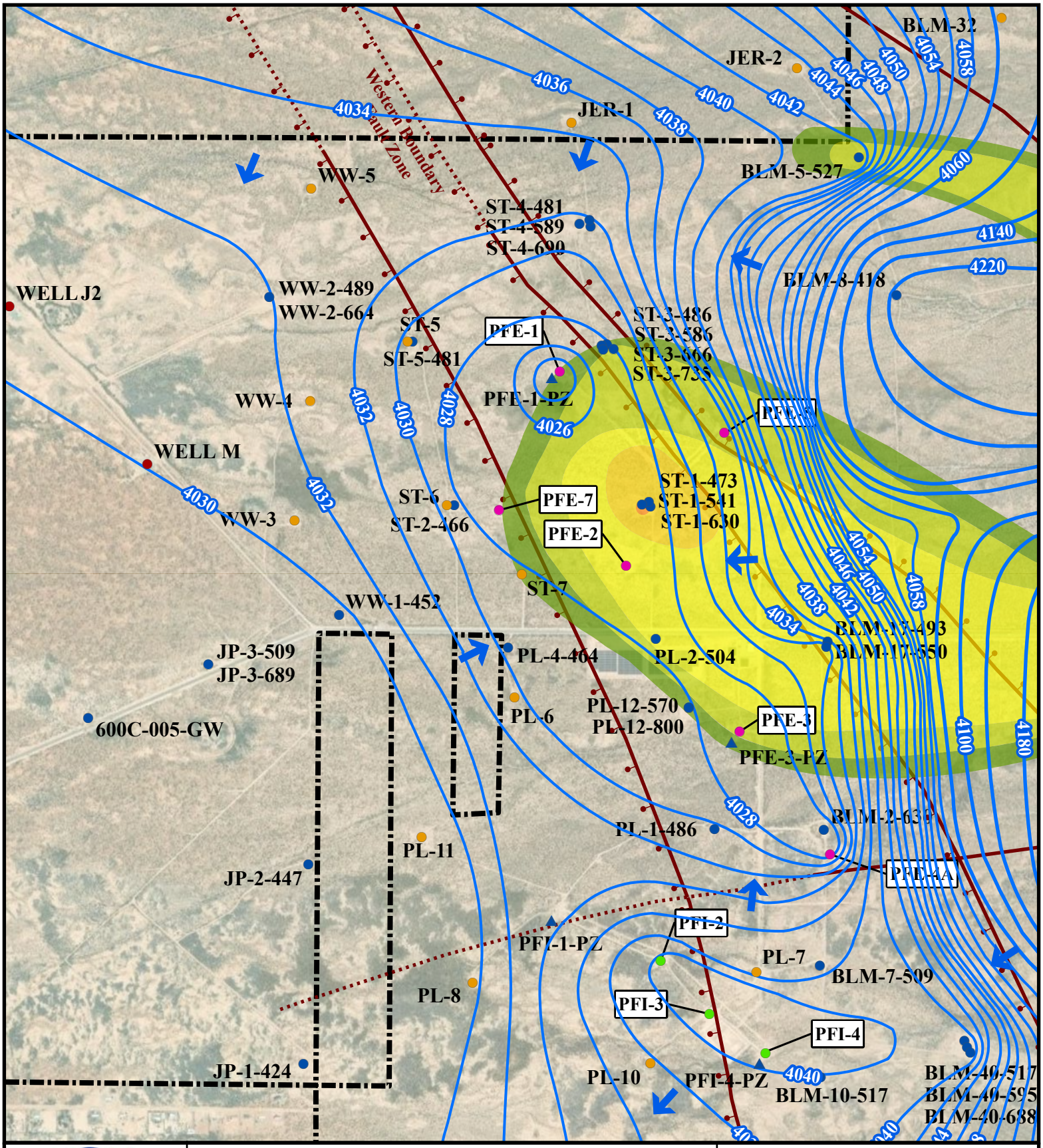
Figure 7.15 Plume Front Groundwater Elevations and Trichloroethene Concentrations for the Reporting Period

(SEE NEXT PAGE)



Plume Front Groundwater Elevations and TCE Concentration for Fourth Quarter 2025

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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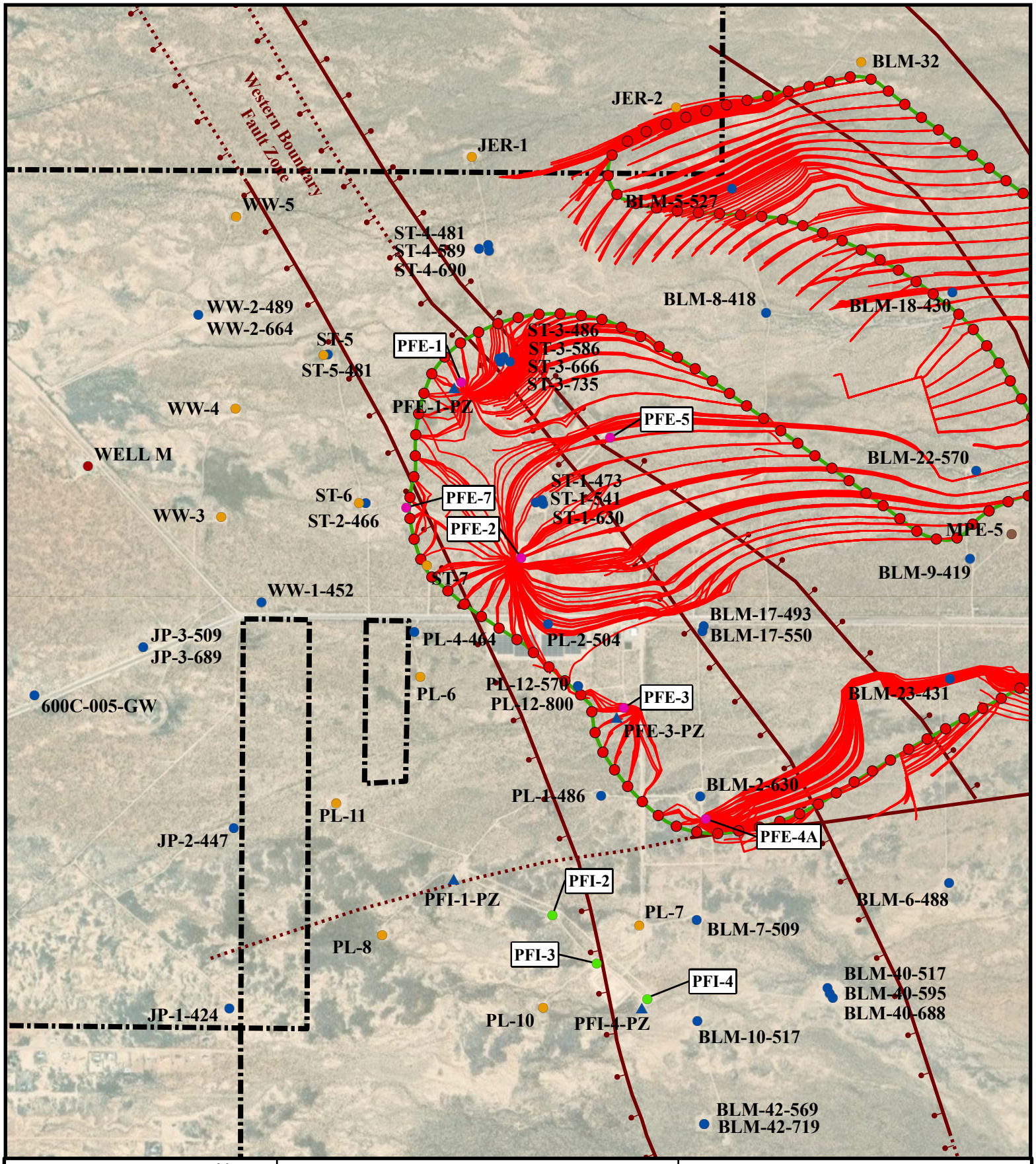
Figure 7.16 MODPATH Particle Tracking Simulation at the Plume Front (Ending 12/31/2065)

(SEE NEXT PAGE)



MODPATH Particle Tracking Simulation for Fourth Quarter 2025 (Through 2065)

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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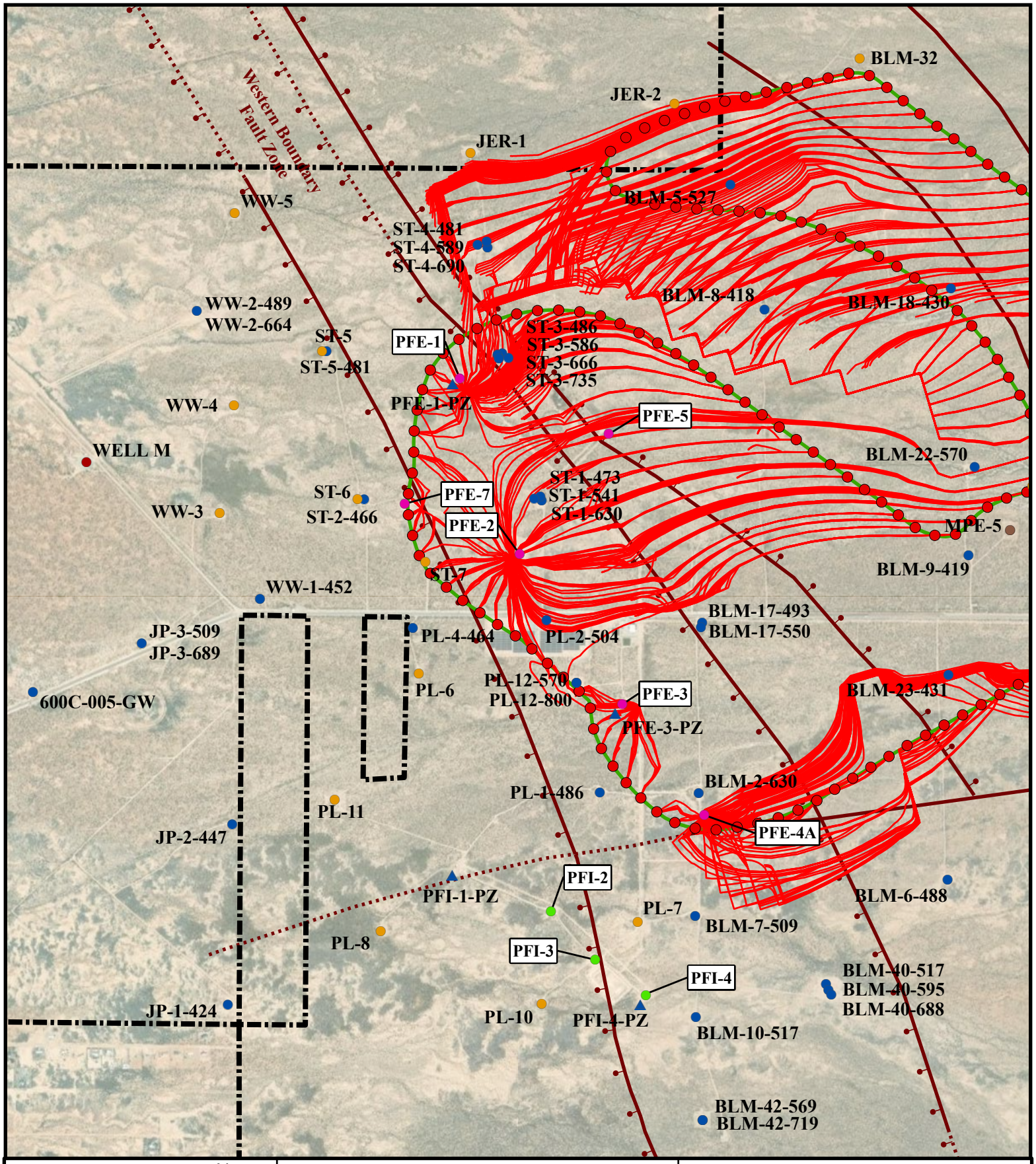
Figure 7.17 MODPATH Particle Tracking Simulation at the Plume Front (Ending 12/31/2110)

(SEE NEXT PAGE)



MODPATH Particle Tracking Simulation for Fourth Quarter 2025 (Through 2110)

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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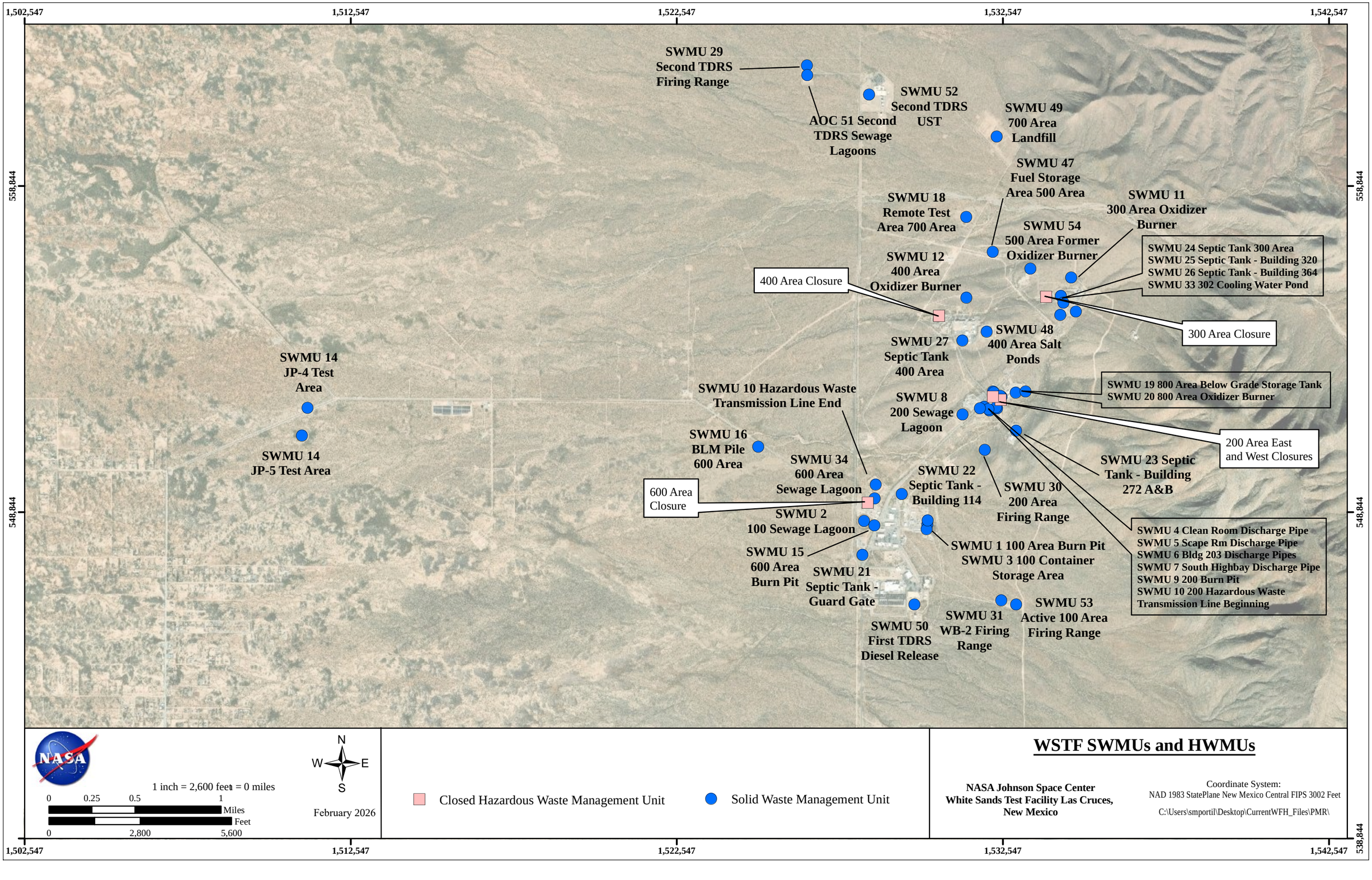
Figure 7.18 WSTF SWMUs and HWMUs

(SEE NEXT PAGE)



WSTF SWMUs and HWMUs

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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Tables

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

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 RCRA Permit (NMED, 2023c).

[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
PL-8-455	123-91-1	1,4-Dioxane
ST-3-735	7439-98-7	Molybdenum, Total
BW-6-355	7440-47-3	Chromium, Total
400-IV-123	75-43-4	Dichlorofluoromethane (CFC 21)
300-D-153	7439-89-6	Iron, Total
BLM-32-632	7439-89-6	Iron, Total
BW-6-355	7439-89-6	Iron, Total
BLM-40-595	7439-96-5	Manganese, Total
PL-11-980	7439-96-5	Manganese, Total
200-H-331	7440-02-0	Nickel, Total

Table 3.3 Unconfirmed New Detections – Resolution Pending

Well ID	CAS Number	Analyte	Scheduled Resample Date
BLM-17-493	7440-66-6	Zinc, Total	11/07/25
200-I-795	62-75-9	N-Nitrosodimethylamine	11/14/25
200-I-795	9/7/7440	Potassium, Total	11/14/25
ST-1-541	7440-02-0	Nickel, Total	11/14/25
ST-1-541	9/7/7440	Potassium, Total	11/14/25
100-D-176	9/7/7440	Potassium, Total	11/15/25
200-I-490	9/7/7440	Potassium, Total	11/15/25
200-I-675	9/7/7440	Potassium, Total	11/15/25
200-G-220	314-40-9	Bromacil	12/03/25
200-G-220	75-69-4	Trichlorofluoromethane (CFC 11)	12/03/25
BLM-6-488	84-74-2	Di-n-butyl Phthalate	01/02/26
BLM-18-430	7440-02-0	Nickel, Total	01/17/26
PL-6-1335	7440-02-0	Nickel, Total	01/27/26
PL-6-915	7440-02-0	Nickel, Total	01/28/26
100-E-261	14797-73-0	Perchlorate	06/17/26
BLM-24-565	7440-02-0	Nickel, Total	05/09/26
BLM-36-610	7440-02-0	Nickel, Total	05/05/26
PL-7-560	7440-02-0	Nickel, Total	05/12/26
ST-4-690	7440-02-0	Nickel, Total	06/09/26
WW-4-419	7440-02-0	Nickel, Total	05/12/26
WW-4-589	7440-02-0	Nickel, Total	05/12/26
WW-4-948	7440-02-0	Nickel, Total	05/13/26
JP-3-509	62-75-9	N-Nitrosodimethylamine	01/07/26
PL-8-455	123-91-1	1,4-Dioxane	12/11/25
ST-3-735	7439-98-7	Molybdenum, Total	06/04/26
ST-5-985	7440-02-0	Nickel, Total	08/11/26
ST-5-815	7440-02-0	Nickel, Total	08/12/26
BLM-9-419	7440-02-0	Nickel, Total	09/02/26
PL-11-470	314-40-9	Bromacil	09/03/26
PL-11-530	7440-02-0	Nickel, Total	09/03/26
PL-11-710	7440-02-0	Nickel, Total	09/04/26
PL-11-980	7440-02-0	Nickel, Total	09/04/26
BLM-42-569	7440-02-0	Nickel, Total	09/08/26
BLM-42-709	7440-02-0	Nickel, Total	09/08/26
ST-6-528	7440-50-8	Copper, Total	09/08/26
ST-6-528	7440-66-6	Zinc, Total	09/08/26
ST-6-528	7440-66-6	Zinc, Total	09/08/26
ST-6-824	7440-42-8	Boron, Total	09/10/26
ST-6-970	7440-42-8	Boron, Total	09/10/26
ST-6-970	7440-50-8	Copper, Total	09/10/26
ST-6-970	7440-02-0	Nickel, Total	09/10/26

Well ID	CAS Number	Analyte	Scheduled Resample Date
BLM-5-527	127-18-4	Tetrachloroethene (PCE)	09/17/26
300-D-153	314-40-9	Bromacil	09/18/26
ST-7-544	7440-50-8	Copper, Total	10/01/26
ST-7-544	7440-50-8	Copper, Total	10/01/26
ST-7-779	7440-02-0	Nickel, Total	10/01/26
ST-7-970	7440-50-8	Copper, Total	10/01/26
JER-1-483	7440-02-0	Nickel, Total	10/02/26
JER-1-563	7440-02-0	Nickel, Total	10/02/26
JER-1-683	7440-02-0	Nickel, Total	10/02/26
JER-2-504	314-40-9	Bromacil	10/06/26
JER-2-504	7440-02-0	Nickel, Total	10/06/26
JER-2-584	7440-02-0	Nickel, Total	10/06/26
JER-2-684	7440-02-0	Nickel, Total	10/07/26
WW-5-459	7440-50-8	Copper, Total	10/08/26
WW-5-579	7440-02-0	Nickel, Total	10/08/26
WW-5-809	7440-02-0	Nickel, Total	10/13/26
BLM-40-595	314-40-9	Bromacil	10/14/26
400-IV-123	7440-47-3	Chromium, Total	10/15/26
400-HV-147	7440-02-0	Nickel, Total	10/16/26
BLM-10-517	75-15-0	Carbon Disulfide	10/20/26

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	09/15/25	Confirmed
400-D-355	14797-73-0	Perchlorate	08/05/25	Confirmed
400-HV-147	7440-02-0	Nickel, Total	10/16/25	Confirmed
400-IV-123	7440-47-3	Chromium, Total	10/15/25	Unconfirmed
BLM-32-571	7440-38-2	Arsenic, Total	08/12/25	Confirmed
BLM-32-571	7440-02-0	Nickel, Total	08/12/25	Confirmed
BLM-41-670	7440-02-0	Nickel, Total	10/15/25	Confirmed
BLM-42-569	7440-02-0	Nickel, Total	09/08/25	Confirmed
BLM-42-709	7440-02-0	Nickel, Total	09/08/25	Confirmed
BLM-5-527	7440-02-0	Nickel, Total	09/17/25	Confirmed
BLM-9-419	7440-02-0	Nickel, Total	09/02/25	Confirmed
JER-1-483	7440-02-0	Nickel, Total	10/02/25	Confirmed
JER-1-563	7440-02-0	Nickel, Total	10/02/25	Confirmed
JER-1-683	7440-02-0	Nickel, Total	10/02/25	Confirmed
JER-2-584	7440-02-0	Nickel, Total	10/06/25	Confirmed
JER-2-684	7440-02-0	Nickel, Total	10/07/25	Confirmed
PL-11-470	7440-02-0	Nickel, Total	09/03/25	Confirmed
PL-11-530	7440-02-0	Nickel, Total	09/03/25	Confirmed
PL-11-710	7440-02-0	Nickel, Total	09/04/25	Confirmed
PL-11-820	7440-02-0	Nickel, Total	09/04/25	Confirmed
PL-11-980	7439-96-5	Manganese, Total	09/04/25	Confirmed
PL-11-980	7440-02-0	Nickel, Total	09/04/25	Confirmed
ST-4-589	7440-02-0	Nickel, Total	09/04/25	Confirmed
ST-5-1175	7440-02-0	Nickel, Total	08/13/25	Confirmed
ST-5-815	7440-02-0	Nickel, Total	08/12/25	Confirmed
ST-5-985	7440-02-0	Nickel, Total	08/11/25	Confirmed
ST-6-970	7440-50-8	Copper, Total	09/10/25	Confirmed
ST-6-970	7440-02-0	Nickel, Total	09/10/25	Confirmed
ST-7-779	7440-02-0	Nickel, Total	10/01/25	Confirmed
WW-5-459	7440-02-0	Nickel, Total	10/08/25	Confirmed
WW-5-579	7440-02-0	Nickel, Total	10/08/25	Confirmed
WW-5-579	7782-49-2	Selenium, Total	10/08/25	Confirmed

Well ID	CAS Number	Analyte	Scheduled Resample Date	Resolution
WW-5-809	7440-02-0	Nickel, Total	10/13/25	Unconfirmed
WW-5-909	7440-02-0	Nickel, Total	10/13/25	Unconfirmed

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

Well Name	Event Date	Well Group
NASA 10	09/23/25	300/400
NASA 3	08/11/25	Upgradient
NASA 5	09/23/25	300/400
PL-10-484	10/06/25	Sentinel
PL-10-592	10/02/25	Sentinel
PL-11-470	09/03/25	Sentinel
PL-11-530	09/03/25	Sentinel
PL-11-710	09/04/25	Sentinel
PL-11-820	09/04/25	Sentinel
PL-11-980	09/04/25	Sentinel
PL-12-570	08/15/25	In Plume
PL-12-800	08/18/25	In Plume
PL-2-504	09/16/25	In Plume
PL-4-464	09/02/25	Plume Front
PL-6-545	10/02/25	Plume Front
PL-6-725	10/01/25	Plume Front
PL-7-560	08/01/25	Plume Front
PL-8-455	09/11/25	Sentinel
PL-8-605	09/11/25	Sentinel
ST-4-481	09/04/25	Plume Front
ST-4-589	09/04/25	Plume Front
ST-4-690	09/11/25	Plume Front
ST-5-1175	08/13/25	Plume Front
ST-5-485	08/13/25	Plume Front
ST-5-655	08/11/25	Plume Front
ST-5-815	08/12/25	Plume Front
ST-5-985	08/11/25	Plume Front
ST-6-528	09/08/25	Plume Front
ST-6-568	09/09/25	Plume Front
ST-6-678	09/09/25	Plume Front
ST-6-824	09/10/25	Plume Front
ST-6-970	09/10/25	Plume Front
ST-7-544	10/01/25	Plume Front
ST-7-779	10/01/25	Plume Front
ST-7-970	10/01/25	Plume Front
WB-14-520	08/14/25	S. Boundary
WB-5-250	08/20/25	S. Boundary
WB-5-280	08/20/25	S. Boundary
WB-5-345	08/20/25	S. Boundary
WW-1-452	09/16/25	Plume Front
WW-2-489	09/15/25	Sentinel
WW-2-664	09/15/25	Sentinel
WW-3-469	09/02/25	Sentinel
WW-3-569	09/02/25	Sentinel
WW-4-419	08/14/25	Sentinel
WW-4-589	08/14/25	Sentinel
WW-4-848	08/18/25	Sentinel
WW-4-948	08/18/25	Sentinel
WW-5-459	10/08/25	Sentinel
WW-5-579	10/08/25	Sentinel
WW-5-809	10/13/25	Sentinel
WW-5-909	10/13/25	Sentinel
100-001-GW	10/16/25	100/600
200-H-225	08/05/25	200
200-H-331	08/04/25	200
200-H-433	08/04/25	200
200-JG-110	09/16/25	200
200-KV-150	09/17/25	200
200-LV-150	10/14/25	200
200-SG-1	09/15/25	200
300-A-120	09/15/25	300/400
300-C-128	10/14/25	300/400
300-D-153	09/18/25	300/400
400-D-195	08/06/25	300/400
400-D-275	08/06/25	300/400
400-D-355	08/05/25	300/400
400-EV-131	08/11/25	300/400
400-FV-131	10/15/25	300/400
400-GV-125	08/18/25	300/400
400-HV-147	10/16/25	300/400
400-IV-123	10/15/25	300/400
400-JV-150	08/19/25	300/400
600-G-138	10/15/25	100/600
600A-004-GW	10/14/25	100/600
600C-005-GW	10/16/25	Plume Front
700-A-253	09/25/25	N. Boundary
700-D-186	09/24/25	N. Boundary
700-H-350	09/24/25	N. Boundary
700-H-535	09/23/25	N. Boundary
700-H-670	09/23/25	N. Boundary
700-J-200	09/24/25	N. Boundary
BLM-10-517	10/20/25	Plume Front
BLM-14-327	10/13/25	Mid-Plume
BLM-21-400	08/04/25	Mid-Plume
BLM-23-431	08/07/25	Mid-Plume
BLM-25-455	08/01/25	S. Boundary
BLM-32-543	08/12/25	N. Boundary
BLM-32-571	08/12/25	N. Boundary
BLM-32-632	08/13/25	N. Boundary
BLM-39-385	10/09/25	Mid-Plume
BLM-39-560	10/09/25	Mid-Plume
BLM-40-595	10/14/25	S. Boundary
BLM-40-688	10/14/25	S. Boundary
BLM-41-420	10/15/25	N. Boundary
BLM-41-670	10/15/25	N. Boundary
BLM-42-569	09/08/25	Sentinel

Well Name	Event Date	Well Group
BLM-42-709	09/08/25	Sentinel
BLM-5-527	09/17/25	Mid-Plume
BLM-6-488	10/10/25	S. Boundary
BLM-7-509	09/12/25	Plume Front
BLM-9-419	09/02/25	Mid-Plume
BW-1-268	09/17/25	300/400
BW-3-180	10/20/25	100/600

Well Name	Event Date	Well Group
BW-4-330	09/03/25	200
BW-6-355	09/16/25	N. Boundary
JER-1-483	10/02/25	N. Boundary
JER-1-563	10/02/25	N. Boundary
JER-1-683	10/02/25	N. Boundary
JER-2-504	10/06/25	N. Boundary
JER-2-584	10/06/25	N. Boundary

Well Name	Event Date	Well Group
JER-2-684	10/07/25	N. Boundary
JP-1-424	10/16/25	Sentinel
JP-2-447	10/16/25	Sentinel
JP-3-509	10/09/25	Sentinel
JP-3-689	10/09/25	Sentinel

Plume Front	
Well Name	Event Date
B650-EFF-1	08/18/25
B650-INF-1	08/18/25
B650-EFF-1	09/09/25
B650-INF-1	09/09/25
B650-EFF-1	10/10/25
B650-INF-1	10/10/25
PFE-2	10/20/25
PFE-4A	10/20/25
PFE-5	10/20/25
PFE-7	10/20/25

Mid-plume	
Well Name	Event Date
B655-EFF-2	08/19/25
B655-INF-2	08/19/25
MPE-1	08/19/25
MPE-10	08/19/25
MPE-11	08/19/25
MPE-9	08/19/25
MPE-3	08/20/25
MPE-4	08/20/25
B655-EFF-2	09/10/25
B655-INF-2	09/10/25
B655-EFF-2	10/10/25
B655-INF-2	10/10/25

Drinking Water Wells	
Well Name	Event Date
WELL K	11/12/2024
WELL M	11/12/2024
WELL K	12/3/2024
WELL M	12/3/2024
WELL K	1/14/2025
WELL M	1/14/2025
WELL K	2/3/2025
WELL M	2/3/2025
WELL K	3/10/2025
WELL M	3/10/2025
WELL K	4/7/2025
WELL M	4/7/2025
WELL K	5/12/2025
WELL M	5/12/2025
WELL K	6/5/2025

Drinking Water Wells	
Well Name	Event Date
WELL M	6/5/2025
WELL J2	6/17/2025
WELL J2	7/2/2025
WELL K	7/2/2025
WELL M	7/2/2025
WELL J2	8/1/2025
WELL K	8/1/2025
WELL M	8/1/2025
WELL K	9/9/2025
WELL M	9/9/2025
WELL K	10/1/2025
WELL M	10/1/2025

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)	Measurement Date
100-001-GW	255	230	250	4651.36	10/24/2025
100-A-182	198	182	192	4669.01	10/24/2025
100-C-365	400	365	385	4532.86	10/24/2025
100-D-176	201	176	196	4564.96	10/24/2025
100-E-261	284	261	271	4682.71	10/24/2025
100-F-358	378	358	368	4713.23	10/24/2025
100-G-223	238	223	233	4851.66	10/24/2025
100-HG-139	167	139	159	4646.62	10/24/2025
200-B-240	260	240	250	4648.88	10/24/2025
200-C(170)[i]	290	N/A	N/A	4681.59	10/24/2025
200-D-240	280	240	250	4667.10	10/24/2025
200-F(370)[i]	590	N/A	N/A	4724.96	10/24/2025
200-G(220)[i]	515	N/A	N/A	4725.95	10/24/2025
200-H(331)[i]	458	N/A	N/A	4731.56	10/23/2025
200-I(300)[i]	815	N/A	N/A	4657.20	10/28/2025
200-JG-110	150	110	130	4648.27	10/28/2025
200-KV-150	202	150	170	4728.03	10/24/2025
200-LV-150	175	150	170	4729.29	10/24/2025
300-A-120	152	121	146	4774.73	10/24/2025
300-A-170	182	170	175.5	4787.10	10/24/2025
300-B-166	181	165	176	4767.54	10/28/2025
300-C-128	160	128	154	4737.75	10/24/2025
300-D-153	179	153	174	4951.79	10/24/2025
300-E(138)[i]	395	N/A	N/A	4814.95	10/29/2025
300-F-175	195	175	185	5049.60	10/24/2025
400-A-151	187	151	176	4629.12	10/28/2025
400-C-143	163	143	153	4658.04	10/28/2025
400-D(275)[i]	380	N/A	N/A	N/A	N/A
400-EV-131	146	131	146	4698.70	10/28/2025
400-FV-131	146	131	146	4694.35	10/28/2025
400-GV-125	140	125	140	4697.41	10/28/2025
400-IV-123	138	123	138	4737.06	10/28/2025
400-JV-150	165	150	165	4698.06	10/28/2025
600A-002-GW	185	168	178	4567.01	10/24/2025
600A-003-GW	165	144	154	4582.12	10/24/2025
600A-004-GW	192	181	191	4572.67	10/24/2025
600C-005-GW	419	394	409	4030.15	10/24/2025

Well Name	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Groundwater Elevation (ft amsl)	Measurement Date
600-C-173	199	173	193	4569.62	10/24/2025
600-E(280)[i]	690	N/A	N/A	4555.69	10/29/2025
600-G-138	148	137.5	147.5	4616.27	10/24/2025
700-A-253	269	253	263	4728.58	10/24/2025
700-B-510	550	510	531	4375.68	10/24/2025
700-D-186	202	186	196	4711.75	10/24/2025
700-E-458	484	458	479	4411.66	10/24/2025
700-H(350)[i]	695	N/A	N/A	4638.11	10/24/2025
700-J-200	230	200	220	4833.42	10/24/2025
BLM-10-517	532	517	527	4039.60	10/24/2025
BLM-13-300	316	300	310	4421.96	10/24/2025
BLM-14-327	343	327	337	4400.19	10/24/2025
BLM-1-435	451	435	446	4145.12	10/24/2025
BLM-15-305	325	305	315	4429.14	1/21/2026
BLM-17-493	519	493	513	4031.23	10/24/2025
BLM-17-550	600	550.5	560.9	4025.47	10/24/2025
BLM-18-430	456	430	451	4225.48	10/24/2025
BLM-21-400	413	400	410	4311.06	10/24/2025
BLM-22-570	597	570	592	4096.11	10/24/2025
BLM-23-431	447	431	441	4262.73	10/24/2025
BLM-24-565	590	565	585	4386.14	10/24/2025
BLM-25-455	470	455	465	4283.09	10/24/2025
BLM-2-630	498	482	493	4027.41	10/24/2025
BLM-26-404	420	404	414	4357.84	10/24/2025
BLM-27-270	286	270	280	4499.99	10/24/2025
BLM-3-182	208	182	203	4570.53	10/24/2025
BLM-31	795	N/A	N/A	N/A	N/A
BLM-36(350)[ii]	905	604	614	4226.96	10/22/2025
BLM-38(480)[ii]	650	470	490	4201.60	10/22/2025
BLM-39(385)[ii]	595	379	389	4277.44	10/29/2025
BLM-40-517	532	517	527	4038.83	10/24/2025
BLM-41-420	435	420	430	4314.66	10/24/2025
BLM-42-569	802	569	579	4035.37	1/21/2026
BLM-5-527	560	527	538	4039.77	10/24/2025
BLM-6-488	503	488	498	4231.47	10/24/2025
BLM-7-509	525	509	520	4036.81	10/24/2025
BLM-8-418	434	418	428	4223.97	10/24/2025
BLM-9-419	445	419	440	4229.58	10/24/2025

Well Name	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Groundwater Elevation (ft amsl)	Measurement Date
BW-1-268	294	268	289	4609.27	10/24/2025
BW-3-180	205	180	200	4563.42	10/24/2025
BW-4	820	N/A	N/A	4543.61	10/24/2025
BW-5-295	311	295	305	4582.25	10/24/2025
BW-6-355	381	355	376	4573.06	10/24/2025
BW-7-211	225	211	222	4610.71	10/24/2025
JER-1-483	718	478	488	4033.47	1/20/2026
JER-2-504	756	504	514	4043.18	1/20/2026
JP-1-424	440	424	434	4028.63	10/24/2025
JP-2-447	462	446	457	4029.85	10/24/2025
MPE-2	601	400	580	N/A	N/A
MPE-3	639	479	619	N/A	N/A
MPE-4	639	499	619	N/A	N/A
MPE-5	590	450	570	4140.69	10/24/2025
MPE-6	603	383	602	4259.11	10/24/2025
MPE-7	600	401	600	4230.68	10/24/2025
NASA 10	135	110	130	4829.55	10/24/2025
NASA 3	144	119	139	4888.74	10/24/2025
NASA 4	171	146	166	4637.98	10/24/2025
NASA 5	135	110	130	4818.54	10/24/2025
NASA 6	153	128	148	4697.88	10/24/2025
PFE-1-PZ	609	588	598	4021.34	10/24/2025
PFE-3-PZ	620	590	600	4027.19	10/24/2025
PFI-1-PZ	619	589	599	4033.12	10/24/2025
PFI-4-PZ	600	398	600	4041.72	10/24/2025
PL-10(484)[ii]	1,000	479	489	4037.39	10/29/2025
PL-11-470	1,003	470	480	4029.11	1/16/2026
PL-12-570	902	570.2	580.2	4029.36	1/21/2026
PL-1-486	502	486	496	4029.78	10/24/2025
PL-2-504	520	504	514	4027.46	10/24/2025
PL-3-453	469	453	464	4032.44	10/24/2025
PL-4-464	480	464	474	4028.62	10/24/2025
PL-6(545)[i]	1,920	N/A	N/A	4499.33	10/24/2025
PL-7(480)[ii]	655	475	485	4037.41	10/22/2025
PL-8(455)[ii]	1,000	448	458	4029.31	10/21/2025
ST-1-473	488	473	483	4026.72	10/24/2025
ST-2-466	481	466	476	4028.00	10/24/2025
ST-3-486	502	486	496	4027.35	10/24/2025

Well Name	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Groundwater Elevation (ft amsl)	Measurement Date
ST-4-481	497	481	491	4030.35	10/24/2025
ST-5-485	497	481	491	4029.76	10/24/2025
ST-6-528	1,000	523	533	4028.70	1/20/2026
WB-1(200)[i]	359	N/A	N/A	N/A	N/A
WB-14(520)[i]	545	N/A	N/A	4432.57	10/28/2025
WB-5(250)i	400	N/A	N/A	4667.40	10/29/2025
WW-1-452	468	452	462	4029.45	10/24/2025
WW-2-589	1,030	589	599	4031.79	1/21/2026
WW-3(469)[ii]	1,025	469	479	4030.30	10/23/2025
WW-4-419	989	419	429	4073.98	1/21/2026

[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)
Oct-25	31 of 31	795	108.4	18 of 31	7.8	0.50
Nov-25	8 of 30	630	26.1	17 of 30	7.7	0.43
Dec-25	9 of 31	796	26.1	17 of 31	7.8	0.43

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.
12/16/25	12/16/25	Unplanned	The system failed to fully restart due to a communications issue with the server.
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			
10/2/25	10/6/25	Planned	The system was shut down to allow aquifer levels to recover over the weekend.
10/10/25	10/14/25	Planned	The system was shut down to allow aquifer levels to recover over the holiday weekend.
10/16/25	10/20/25	Planned	The system was shut down to repair a failed communication switch.
10/24/25	10/27/25	Unplanned	The system was shut down to allow aquifer levels to recover over the weekend.
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.
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.

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

	Analyte	Unit	Design	Aug-25	Sep-25	Oct-25
Air Stripper Influent Concentrations	TCE	µg/L	130	15	16	18
	PCE	µg/L	0.66	0.58 J	0.52 J	0.77 J
	Freon 11	µg/L	860	11	15	17
	Chloroform	µg/L	NA[1]	<0.51[2]	<0.51[2]	<0.51[2]
Air Stripper Effluent Concentrations	TCE	µg/L	5.0	<0.2[2]	<0.2[2]	<0.2[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]	125[b]	95[c]
UV Reactor Effluent Concentrations	NDMA[4]	ng/L	< 2.0	< 0.35[2]	< 0.35[2]	< 0.35[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], 64%[b], 74%[c].

[4] Analytical results from the low-level NDMA analytical method. NDMA was not detected by modified Method 607.

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	227	114	97%	49%
	PFE-2	181	144	72	80%	40%
	PFE-3	172	162	82	94%	47%
	PFE-4A	200	146	72	73%	36%
	PFE-5	5.5	3.0	1.5	54%	27%
	PFE-7	101	111	56	110%	55%
Injection Wells (gpm)	**PFI-1[4]**	269	N/O	N/O	N/O	N/O
	PFI-2	269	302	152	112%	56%
	PFI-3	344	318	159	92%	46%
	PFI-4	194	175	88	90%	45%

[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 Jan-25	Specific Capacity Apr-25	Specific Capacity Jul-25	Specific Capacity Oct-25
PFE-1	8.3	6.9	6.9	6.8	5.8
PFE-2	5.7	5.7	5.7	5.8	4.9
PFE-3	19.4	12.2	11.2	11.2	7.9
PFE-4A	3.1	1.6	1.9	1.8	2.2
PFE-5	0.14	<0.1	<0.1	<0.1	<0.1
PFE-7	6	4.9	4.6	5.1	4.4
Well Name	**Specific Capacity at Installation (Ideal Range)**	**Specific Capacity Jan-25**	**Specific Capacity Apr-25**	**Specific Capacity Jul-25**	**Specific Capacity Oct-25**
PFI-1	2.8–5	NA[1]	NA[1]	NA[1]	NA[1]
PFI-2	2.8–7	1.6	1.5	1.5	1.6
PFI-3	2–4	1.8	1.7	1.7	1.9
PFI-4	2.3–3.5	1.3	1.2	1.2	1.2

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 periods. 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)	NMDA (g)
Nov-24	2.0	2.0	ND	81	13.7
Dec-24	1.9	1.4	ND	54	10.5
Jan-25	1.8	1.3	ND	77	15.7
Feb-25	2.0	2.0	ND	59	14.4
Mar-25	1.3	1.0	ND	34	11.4
Apr-25	1.9	1.2	ND	44	15.9
May-25	0.9	0.5	ND	23	7.2
Jun-25	1.2	1.2	ND	39	9.8
Jul-25	2.1	1.6	ND	56	13.7
Aug-25	1.8	1.3	ND	45	13.0
Sep-25	1.9	1.8	ND	37	14.8
Oct-25	2.4	2.2	ND	75	12.6
Total[2]	**22.7**	**19.6**	**0.0**	**628.5**	**160.1**

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.

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

	Analyte	Unit	Design Parameter	Aug-25	Sep-25	Oct-25
Air Stripper Influent Concentrations (MPE Wells)	TCE	µg/L	140	61	52 D	60
	PCE	µg/L	6.4	2.9	4.2 D J	3.1
	Freon 11	µg/L	240	140 A	120 D	110
	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	NS
	PCE	µg/L	6.4	NS	NS	NS
	Freon 11	µg/L	240	NS	NS	NS
	Chloroform	µg/L	NA[1]	NS	NS	NS
Air Stripper Effluent Concentrations	TCE	µg/L	1.0	<0.2[2]	<0.2[2]	<0.2[2]
	PCE	µg/L	1.0	<0.21[2]	<0.21[2]	<0.21[2]
	Freon 11	µg/L	50	<0.24[2]	<0.24[2]	0.35 J
	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	3,893[a]	3,828[b]	3,514[c]
UV Reactor Influent Concentrations (Well 600-G-138)	NDMA	ng/L	25,500	NS	NS	NS
UV Reactor Effluent Concentrations[4]	NDMA[4]	ng/L	< 2.0	0.98 A FB	0.44 J RB FB	<0.35[2]

Notes:

* = Due to elevated detection in B655-EFF-2 for low-level NDMA, the effluent was sampled within 24 hours of analytical receipt on October 9, 2024. The result from the October 9, 2024 sample was below clean up levels.

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.

D = The reported result is from a dilution.

FB = The analyte was detected in the field blank.

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. The concentration should be considered an estimated maximum possible concentration.

NS = Not sampled during the reporting period. Well 600-G-138 is sampled annually for NDMA in accordance with the GMP (NASA, 2025). Analytical data are provided in this table when available.

RB = The analyte was detected in the rinsate blank.

[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: 56%[a], 64%[b], 74%[c].

[4] Analytical result is from the low-level analytical method and was below the MDL (provided). Results for EPA Method 607 were ND.

Table 5.8 Mid-plume Mass Removal[1]

Date	TCE (g)	F11 (g)	Chloroform (g)	PCE (g)	NMDA (g)
Nov-24	28.52	38.54	ND	1.28	1.3
Dec-24	27.83	37.47	ND	1.24	2.2
Jan-25	32.51	43.92	ND	1.46	2.8
Feb-25	31.60	65.20	ND	1.48	2.16
Mar-25	58.77	128.29	ND	2.54	2.10
Apr-25	38.82	79.77	ND	1.81	2.47
May-25	54.14	118.15	ND	2.30	2.56
Jun-25	58.77	128.29	ND	2.54	2.37
Jul-25	65.64	144.48	ND	2.85	3.12
Aug-25	54.14	118.15	ND	2.30	1.70
Sep-25	58.77	128.29	ND	2.54	2.37
Oct-25	65.64	144.48	ND	2.85	2.94
Total[3]	**575.14**	**1175.03**	**ND**	**25.20**	**28.10**

Notes:

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

[2] Samples were not collected in December 2023 due to the MPITS being offline.

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

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

Date	Gallons[1] Treated	ECO Labor + Materials	TEST Labor + Materials	L+M cost per 1,000 gal	Energy Cost	Energy Cost per 1,000 gal	Total Cost	Total Cost per 1,000 gal Treated
Nov-24	16,946,859	$80,186	$74,267	$9.11	$9,395	$0.55	$163,848	$9.67
Dec-24	32,348,858	$60,139	$49,930	$3.40	$13,134	$0.41	$123,202	$3.81
Jan-25	27,991,577	$115,267	$60,750	$6.29	$13,341	$0.48	$189,358	$6.76
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
12-Month Total	**329,735,692**	**$1,000,829**	**$821,200**	**$5.53**	**$199,004**	**$0.60**	**$2,021,034**	**$6.13**

Notes:
1 Gallons treated reflects amount of water extracted during power reporting period.
2 Includes Peak Demand Rates.

Table 7.1 Status of Wells with Sampling Issues

Well	Date of Discovery	Description	Scheduled for Sampling this Qtr? / Next Sampling Date per GMP	Description of Future Plan or Resolution
New Occurrences this Quarter				
600A-003-GW	Oct-25	Unable to collect groundwater sample because the water level in the well was insufficient for sampling.	Yes	This new well is currently scheduled for quarterly sampling. NASA will monitor the water level in this well as part of scheduled sampling and collect required samples if adequate groundwater is available.
BLM-40-517	Oct-25	Unable to collect groundwater sample because the water level in the well was insufficient for sampling.	No	This well is scheduled for semi-annual sampling. NASA will monitor the water level in this well as part of scheduled sampling and collect required samples if adequate groundwater is available.
PL-1-486	Oct-25	Unable to collect groundwater sample because the water level in the well was insufficient for sampling.		This well is scheduled for quarterly sampling. NASA will monitor the water level in this well as part of scheduled sampling and collect required samples if adequate groundwater is available.
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 does not provide sufficient water for representative sampling and will be abandoned and replaced. NMED approved the work plan for the replacement well (NASA, 2023b) with modifications that NASA addressed.
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 does not provide sufficient water for representative sampling and will be abandoned and replaced. NMED approved the work plan for the replacement well (NASA, 2023b).

Well	Date of Discovery	Description	Scheduled for Sampling this Qtr? / Next Sampling Date per GMP	Description of Future Plan or Resolution
Issues Resolved this Quarter (will not appear in future Periodic Monitoring Reports)				
None				

Table 7.2 Plume Front Vertical Gradients for the Reporting Period

Well	Type of Well	Screen Midpoint (ft bgs)	Sample Date	Water Level (ft amsl)	Water Level Difference (ft)[1]	Screen Depth Difference (ft)[1]	Vertical Gradient[1,2] (ft/ft)
ST-5-485	Westbay	485.05	10/09/25	4026.816			
ST-5-655	Westbay	655.05	10/20/25	4030.461	3.645	170	0.0214
ST-5-815	Westbay	815	10/20/25	4029.285	-1.176	159.95	-0.0074
ST-5-985	Westbay	984.9	10/20/25	4027.947	-1.338	169.9	-0.0079
ST-5-1175	Westbay	1175.1	10/20/25	4026.793	-1.154	190.2	-0.0061
PL-10-484	Westbay	484.3	10/09/25	4037.389			
PL-10-592	Westbay	594.3	10/20/25	4036.927	-0.462	110	-0.0042
PL-10-813	Westbay	814.3	10/20/25	4046.04	9.113	220	0.0414
PL-10-962	Westbay	964.4	10/20/25	4066.111	20.071	150.1	0.1337
BLM-36-350	Westbay	348.5	10/22/25	4226.963			
BLM-36-610	Westbay	608.95	10/22/25	4217.706	-9.257	260.45	-0.0355

Notes:
[1] Relative to well screen directly above.
[2] Negative = Downwards

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.7: Drinking Water Sampling Events
Appendix A.8: Detections for Drinking Water Sampling Events

Appendix A.1
Monitor Well Indicator Parameters

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

Well ID 100-001-GW **Event Date** 10/16/2025

Sample	Parameter	Result	Units
2510160925B	Conductivity	779	µS/cm
2510160925B	DTW		ft
2510160925B	pH	8.03	NA
2510160925B	Temperature	20.2	ºC
2510160925B	Turbidity	0.74	NTU
2510160941B	Conductivity	776	µS/cm
2510160941B	DTW		ft
2510160941B	pH	7.95	NA
2510160941B	Temperature	20.0	ºC
2510160941B	Turbidity	0.64	NTU

Well ID 200-H-225 **Event Date** 8/5/2025

Sample	Parameter	Result	Units
2508050925Y	Atmospheric Pressure	12.44	psia
2508050925Y	Conductivity	1376	µS/cm
2508050925Y	DTW	42.41	ft
2508050925Y	Formation Pressure		psia
2508050925Y	pH	7.52	NA
2508050925Y	Temperature	24.8	ºC
2508050925Y	Turbidity	1.00	NTU
2508051011Y	Atmospheric Pressure	12.46	psia
2508051011Y	Conductivity	1370	µS/cm
2508051011Y	DTW	42.49	ft
2508051011Y	Formation Pressure		psia
2508051011Y	pH	7.46	NA
2508051011Y	Temperature	25.2	ºC
2508051011Y	Turbidity	0.92	NTU

Well ID	200-H-331	Event Date	8/4/2025	
Sample	**Parameter**		**Result**	**Units**
2508040930Y	Atmospheric Pressure		12.40	psia
2508040930Y	Conductivity		2.35	µS/cm
2508040930Y	DTW		42.31	ft
2508040930Y	Formation Pressure			psia
2508040930Y	pH		7.48	NA
2508040930Y	Temperature		25.1	ºC
2508040930Y	Turbidity		0.68	NTU
2508041020Y	Atmospheric Pressure		12.38	psia
2508041020Y	Conductivity		2.34	µS/cm
2508041020Y	DTW		42.41	ft
2508041020Y	Formation Pressure			psia
2508041020Y	pH		7.51	NA
2508041020Y	Temperature		25.3	ºC
2508041020Y	Turbidity		0.75	NTU

Well ID	200-JG-110	Event Date	9/16/2025	
Sample	**Parameter**		**Result**	**Units**
2509161307A	Conductivity		1525	µS/cm
2509161307A	DTW		7.066	ft
2509161307A	pH		7.70	NA
2509161307A	Temperature		24.2	ºC
2509161307A	Turbidity		0.44	NTU
2509161325A	Conductivity		1506	µS/cm
2509161325A	DTW			ft
2509161325A	pH		7.29	NA
2509161325A	Temperature		26.5	ºC
2509161325A	Turbidity		0.33	NTU

Well ID	200-KV-150	Event Date	9/17/2025	
Sample	**Parameter**		**Result**	**Units**
2509171435A	Conductivity		465	µS/cm
2509171435A	DTW		158.20	ft
2509171435A	pH		7.91	NA
2509171435A	Temperature		25.4	ºC
2509171435A	Turbidity		NA	NTU
2509171452A	Conductivity		467	µS/cm
2509171452A	DTW			ft
2509171452A	pH		7.90	NA
2509171452A	Temperature		25.06	ºC
2509171452A	Turbidity		NA	NTU

Well ID	200-LV-150	Event Date	10/14/2025	
Sample	**Parameter**		**Result**	**Units**
2510141345C	Conductivity		2017	µS/cm
2510141345C	DTW		155.40	ft
2510141345C	pH		7.16	NA
2510141345C	Temperature		23.0	ºC
2510141345C	Turbidity		3.94	NTU
2510141400C	Conductivity		2015	µS/cm
2510141400C	DTW		155.90	ft
2510141400C	pH		7.15	NA
2510141400C	Temperature		23.1	ºC
2510141400C	Turbidity		3.52	NTU

Well ID	200-SG-1	Event Date	9/15/2025	
Sample	**Parameter**		**Result**	**Units**
2509151028A	Conductivity		1527	µS/cm
2509151028A	DTW		133.60	ft
2509151028A	pH		7.58	NA
2509151028A	Temperature		25.0	ºC
2509151028A	Turbidity		0.71	NTU
2509151115A	Conductivity		1501	µS/cm
2509151115A	DTW			ft
2509151115A	pH		7.50	NA
2509151115A	Temperature		25.2	ºC
2509151115A	Turbidity		0.61	NTU

Well ID	300-A-120	Event Date	9/15/2025	
Sample	**Parameter**		**Result**	**Units**
2509151416A	Conductivity		995	µS/cm
2509151416A	DTW		12.21	ft
2509151416A	pH		8.17	NA
2509151416A	Temperature		26.4	ºC
2509151416A	Turbidity		0,73	NTU
2509151433A	Conductivity		1000	µS/cm
2509151433A	DTW			ft
2509151433A	pH		7.76	NA
2509151433A	Temperature		23.3	ºC
2509151433A	Turbidity		0.88	NTU

Well ID	300-C-128	Event Date	10/14/2025	
Sample	**Parameter**		**Result**	**Units**
2510141000C	Conductivity		1315	µS/cm
2510141000C	DTW		140.40	ft
2510141000C	pH		7.83	NA
2510141000C	Temperature		216	ºC
2510141000C	Turbidity		1.59	NTU
2510141030C	Conductivity		1312	µS/cm
2510141030C	DTW		144.78	ft
2510141030C	pH		7.75	NA
2510141030C	Temperature		21.9	ºC
2510141030C	Turbidity		1.78	NTU

Well ID	300-D-153	Event Date	9/18/2025	
Sample	**Parameter**		**Result**	**Units**
2509181000C	Conductivity		1647	µS/cm
2509181000C	DTW		163.50	ft
2509181000C	pH		7.60	NA
2509181000C	Temperature		23.8	ºC
2509181000C	Turbidity		1.54	NTU
2509181055C	Conductivity		1656	µS/cm
2509181055C	DTW		164.12	ft
2509181055C	pH		7.69	NA
2509181055C	Temperature		23.5	ºC
2509181055C	Turbidity		1.22	NTU
2509181106C	Conductivity		1661	µS/cm
2509181106C	DTW			ft
2509181106C	pH		7.74	NA
2509181106C	Temperature		24.3	ºC
2509181106C	Turbidity		1.16	NTU

Well ID	400-D-195	Event Date	8/6/2025	
Sample	**Parameter**		**Result**	**Units**
2508061435Y	Atmospheric Pressure		12.47	psia
2508061435Y	Conductivity		382	µS/cm
2508061435Y	DTW		206.54	ft
2508061435Y	Formation Pressure			psia
2508061435Y	pH		8.48	NA
2508061435Y	Temperature		24.9	ºC
2508061435Y	Turbidity		2.40	NTU
2508071050Y	Atmospheric Pressure		12.45	psia
2508071050Y	Conductivity		391	µS/cm
2508071050Y	DTW		206.61	ft
2508071050Y	Formation Pressure			psia
2508071050Y	pH		8.40	NA
2508071050Y	Temperature		24.4	ºC
2508071050Y	Turbidity		1.88	NTU

Well ID	400-D-275	Event Date	8/6/2025	
Sample	**Parameter**		**Result**	**Units**
2508061025Y	Atmospheric Pressure		12.44	psia
2508061025Y	Conductivity		826	µS/cm
2508061025Y	DTW		206.48	ft
2508061025Y	Formation Pressure			psia
2508061025Y	pH		8.07	NA
2508061025Y	Temperature		23.6	ºC
2508061025Y	Turbidity		0.60	NTU
2508061331Y	Atmospheric Pressure		12.43	psia
2508061331Y	Conductivity		812	µS/cm
2508061331Y	DTW		206.54	ft
2508061331Y	Formation Pressure			psia
2508061331Y	pH		8.15	NA
2508061331Y	Temperature		24.3	ºC
2508061331Y	Turbidity		0.51	NTU

Well ID	400-D-355	Event Date	8/5/2025	
Sample	**Parameter**		**Result**	**Units**
2508051410Y	Atmospheric Pressure		12.40	psia
2508051410Y	Conductivity		873	µS/cm
2508051410Y	DTW		206.40	ft
2508051410Y	Formation Pressure			psia
2508051410Y	pH		8.24	NA
2508051410Y	Temperature		25.4	ºC
2508051410Y	Turbidity		0.95	NTU
2508060916Y	Atmospheric Pressure		12.43	psia
2508060916Y	Conductivity		886	µS/cm
2508060916Y	DTW		206.48	ft
2508060916Y	Formation Pressure			psia
2508060916Y	pH		8.17	NA
2508060916Y	Temperature		24.6	ºC
2508060916Y	Turbidity		1.03	NTU

Well ID	400-EV-131	Event Date	8/11/2025	
Sample	**Parameter**		**Result**	**Units**
2508111025B	Conductivity		1405	µS/cm
2508111025B	DTW			ft
2508111025B	pH		7.411	NA
2508111025B	Temperature		23.98	ºC
2508111025B	Turbidity		2.53	NTU
2508111026B	Conductivity		1412	µS/cm
2508111026B	DTW			ft
2508111026B	pH		7.401	NA
2508111026B	Temperature		23.99	ºC
2508111026B	Turbidity		2.48	NTU
2508111027B	Conductivity		1410	µS/cm
2508111027B	DTW			ft
2508111027B	pH		7.397	NA
2508111027B	Temperature		24.01	ºC
2508111027B	Turbidity		2.63	NTU

Well ID	400-FV-131	Event Date	10/15/2025	
Sample	**Parameter**		**Result**	**Units**
2510151400C	Conductivity		1431	µS/cm
2510151400C	DTW		122.85	ft
2510151400C	pH		7.51	NA
2510151400C	Temperature		23.6	ºC
2510151400C	Turbidity		0.27	NTU
2510151415C	Conductivity		1439	µS/cm
2510151415C	DTW			ft
2510151415C	pH		7.46	NA
2510151415C	Temperature		22.9	ºC
2510151415C	Turbidity		0.33	NTU

Well ID	400-GV-125	Event Date	8/18/2025	
Sample	**Parameter**		**Result**	**Units**
2508181329A	Conductivity		1536	µS/cm
2508181329A	DTW			ft
2508181329A	pH		7.85	NA
2508181329A	Temperature		23.7	ºC
2508181329A	Turbidity		1.00	NTU
2508181430A	Conductivity		1529	µS/cm
2508181430A	DTW			ft
2508181430A	pH		7.75	NA
2508181430A	Temperature		23.9	ºC
2508181430A	Turbidity		1.04	NTU

Well ID	400-HV-147	Event Date	10/16/2025	
Sample	**Parameter**		**Result**	**Units**
2510161400C	Conductivity		2.68	µS/cm
2510161400C	DTW		NA	ft
2510161400C	pH		7.53	NA
2510161400C	Temperature		22.5	ºC
2510161400C	Turbidity		3.18	NTU
2510161406C	Conductivity		2.70	µS/cm
2510161406C	DTW			ft
2510161406C	pH		7.51	NA
2510161406C	Temperature		22.8	ºC
2510161406C	Turbidity		3.32	NTU

Well ID	400-IV-123	Event Date	10/15/2025	
Sample	**Parameter**		**Result**	**Units**
2510150920C	Conductivity		524	µS/cm
2510150920C	DTW		129.90	ft
2510150920C	pH		8.78	NA
2510150920C	Temperature		22.1	ºC
2510150920C	Turbidity		0.57	NTU
2510150935C	Conductivity		528	µS/cm
2510150935C	DTW		130.35	ft
2510150935C	pH		8.70	NA
2510150935C	Temperature		22.3	ºC
2510150935C	Turbidity		0.49	NTU

Well ID	400-JV-150	Event Date	8/19/2025	
Sample	**Parameter**		**Result**	**Units**
2508190945A	Conductivity		2.46	µS/cm
2508190945A	DTW			ft
2508190945A	pH		7.52	NA
2508190945A	Temperature		23.4	ºC
2508190945A	Turbidity		2.65	NTU
2508191035A	Conductivity		2.50	µS/cm
2508191035A	DTW			ft
2508191035A	pH		7.54	NA
2508191035A	Temperature		23.1	ºC
2508191035A	Turbidity		2.23	NTU

Well ID	600A-004-GW	Event Date	10/14/2025	
Sample	**Parameter**		**Result**	**Units**
2510141300B	Conductivity		2.13	µS/cm
2510141300B	DTW		186.16	ft
2510141300B	pH		7.40	NA
2510141300B	Temperature		29.1	ºC
2510141300B	Turbidity		3.02	NTU
2510141315B	Conductivity		2.14	µS/cm
2510141315B	DTW			ft
2510141315B	pH		7.45	NA
2510141315B	Temperature		24.1	ºC
2510141315B	Turbidity		3.84	NTU

Well ID	600C-005-GW	Event Date	10/16/2025	
Sample	**Parameter**		**Result**	**Units**
2510161355B	Conductivity		854	µS/cm
2510161355B	DTW			ft
2510161355B	pH		7.60	NA
2510161355B	Temperature		22.3	ºC
2510161355B	Turbidity		2.68	NTU
2510161409B	Conductivity		848	µS/cm
2510161409B	DTW			ft
2510161409B	pH		7.56	NA
2510161409B	Temperature		22.5	ºC
2510161409B	Turbidity		2.32	NTU

Well ID	600-G-138	Event Date	10/15/2025	
Sample	**Parameter**		**Result**	**Units**
2510150950B	Conductivity		1510	µS/cm
2510150950B	DTW		145.38	ft
2510150950B	pH		7.42	NA
2510150950B	Temperature		23.2	ºC
2510150950B	Turbidity		1.67	NTU
2510150955B	Conductivity		1503	µS/cm
2510150955B	DTW			ft
2510150955B	pH		7.36	NA
2510150955B	Temperature		23.0	ºC
2510150955B	Turbidity		1.53	NTU

Well ID	700-A-253	Event Date	9/25/2025	
Sample	**Parameter**		**Result**	**Units**
2509250910A	Conductivity		1354	µS/cm
2509250910A	DTW		192.75	ft
2509250910A	pH		7.92	NA
2509250910A	Temperature		21.9	ºC
2509250910A	Turbidity		2.40	NTU
2509251015A	Conductivity		1347	µS/cm
2509251015A	DTW		192.90	ft
2509251015A	pH		7.91	NA
2509251015A	Temperature		22.3	ºC
2509251015A	Turbidity		2.15	NTU

Well ID	700-D-186	Event Date	9/24/2025	
Sample	**Parameter**		**Result**	**Units**
2509240855A	Conductivity		1682	µS/cm
2509240855A	DTW		174.25	ft
2509240855A	pH		7.61	NA
2509240855A	Temperature		20.9	ºC
2509240855A	Turbidity		1.91	NTU
2509240950A	Conductivity		1688	µS/cm
2509240950A	DTW		174.25	ft
2509240950A	pH		7.60	NA
2509240950A	Temperature		21.3	ºC
2509240950A	Turbidity		1.74	NTU

Well ID	700-H-350	Event Date	9/24/2025	
Sample	**Parameter**		**Result**	**Units**
2509241405Y	Atmospheric Pressure		12.44	psia
2509241405Y	Conductivity		867	µS/cm
2509241405Y	DTW		291.65	ft
2509241405Y	Formation Pressure			psia
2509241405Y	pH		8.61	NA
2509241405Y	Temperature		23.0	ºC
2509241405Y	Turbidity		0.99	NTU
2509260831Y	Atmospheric Pressure		12.41	psia
2509260831Y	Conductivity		880	µS/cm
2509260831Y	DTW		291.77	ft
2509260831Y	Formation Pressure			psia
2509260831Y	pH		8.54	NA
2509260831Y	Temperature		22.6	ºC
2509260831Y	Turbidity		0.80	NTU

Well ID	700-H-535	Event Date	9/23/2025	
Sample	**Parameter**		**Result**	**Units**
2509231400Y	Atmospheric Pressure		12.31	psia
2509231400Y	Conductivity		710	µS/cm
2509231400Y	DTW		291.58	ft
2509231400Y	Formation Pressure			psia
2509231400Y	pH		8.45	NA
2509231400Y	Temperature		24.1	ºC
2509231400Y	Turbidity		1.07	NTU
2509241051Y	Atmospheric Pressure		12.34	psia
2509241051Y	Conductivity		717	µS/cm
2509241051Y	DTW		291.65	ft
2509241051Y	Formation Pressure		NA	psia
2509241051Y	pH		8.53	NA
2509241051Y	Temperature		23.2	ºC
2509241051Y	Turbidity		0.93	NTU

Well ID	700-H-670	Event Date	9/23/2025	
Sample	**Parameter**		**Result**	**Units**
2509231000Y	Atmospheric Pressure		12.36	psia
2509231000Y	Conductivity		688	µS/cm
2509231000Y	DTW		291.50	ft
2509231000Y	Formation Pressure			psia
2509231000Y	pH		8.69	NA
2509231000Y	Temperature		23.3	ºC
2509231000Y	Turbidity		2.05	NTU
2509231059Y	Atmospheric Pressure		12.38	psia
2509231059Y	Conductivity		680	µS/cm
2509231059Y	DTW		291.58	ft
2509231059Y	Formation Pressure			psia
2509231059Y	pH		8.63	NA
2509231059Y	Temperature		23.8	ºC
2509231059Y	Turbidity		1.84	NTU

Well ID	700-J-200	Event Date	9/24/2025	
Sample	**Parameter**		**Result**	**Units**
2509241420A	Conductivity		1519	µS/cm
2509241420A	DTW			ft
2509241420A	pH		7.79	NA
2509241420A	Temperature		24.7	ºC
2509241420A	Turbidity		1.45	NTU
2509241500A	Conductivity		1225	µS/cm
2509241500A	DTW			ft
2509241500A	pH		7.71	NA
2509241500A	Temperature		24.8	ºC
2509241500A	Turbidity		1.20	NTU

Well ID	BLM-10-517	Event Date	10/20/2025	
Sample	**Parameter**		**Result**	**Units**
2510201330A	Conductivity		1271	µS/cm
2510201330A	DTW		499.55	ft
2510201330A	pH		9.09	NA
2510201330A	Temperature		23.3	ºC
2510201330A	Turbidity		0.42	NTU
2510201345A	Conductivity		1278	µS/cm
2510201345A	DTW		499.55	ft
2510201345A	pH		9.12	NA
2510201345A	Temperature		23.2	ºC
2510201345A	Turbidity		0.39	NTU

Well ID	BLM-14-327	Event Date	10/13/2025	
Sample	**Parameter**		**Result**	**Units**
2510130900C	Conductivity		1260	µS/cm
2510130900C	DTW			ft
2510130900C	pH		7.40	NA
2510130900C	Temperature		20.0	ºC
2510130900C	Turbidity		1.76	NTU
2510130910C	Conductivity		1249	µS/cm
2510130910C	DTW			ft
2510130910C	pH		7.25	NA
2510130910C	Temperature			ºC
2510130910C	Turbidity		1.75	NTU

Well ID	BLM-21-400	Event Date	8/4/2025	
Sample	**Parameter**		**Result**	**Units**
2508040945A	Conductivity		1504	µS/cm
2508040945A	DTW			ft
2508040945A	pH		8.16	NA
2508040945A	Temperature		23.8	ºC
2508040945A	Turbidity		0.48	NTU
2508040947A	Conductivity		1507	µS/cm
2508040947A	DTW			ft
2508040947A	pH		8.13	NA
2508040947A	Temperature		23.7	ºC
2508040947A	Turbidity		0.51	NTU
2508040949A	Conductivity		1504	µS/cm
2508040949A	DTW			ft
2508040949A	pH		8.12	NA
2508040949A	Temperature		23.7	ºC
2508040949A	Turbidity		0.46	NTU

Well ID	BLM-23-431	Event Date	8/7/2025	
Sample	**Parameter**		**Result**	**Units**
2508070908A	Conductivity		1289	µS/cm
2508070908A	DTW			ft
2508070908A	pH		7.60	NA
2508070908A	Temperature		21.81	ºC
2508070908A	Turbidity		17.3	NTU
2508070930A	Conductivity		1283	µS/cm
2508070930A	DTW			ft
2508070930A	pH		7.56	NA
2508070930A	Temperature		21.80	ºC
2508070930A	Turbidity		10.7	NTU
2508070945A	Conductivity		1286	µS/cm
2508070945A	DTW			ft
2508070945A	pH		7.61	NA
2508070945A	Temperature		21.80	ºC
2508070945A	Turbidity		5.28	NTU

Well ID	BLM-25-455	Event Date	8/1/2025	
Sample	**Parameter**		**Result**	**Units**
2508010918A	Conductivity		768	µS/cm
2508010918A	DTW			ft
2508010918A	pH		7.93	NA
2508010918A	Temperature		21.26	ºC
2508010918A	Turbidity		0.59	NTU
2508010920A	Conductivity		764	µS/cm
2508010920A	DTW		NA	ft
2508010920A	pH		7.92	NA
2508010920A	Temperature		21.27	ºC
2508010920A	Turbidity		0.62	NTU
2508010922A	Conductivity		765	µS/cm
2508010922A	DTW			ft
2508010922A	pH		7.89	NA
2508010922A	Temperature		21.27	ºC
2508010922A	Turbidity		0.60	NTU

Well ID	BLM-32-543	Event Date	8/12/2025	
Sample	**Parameter**		**Result**	**Units**
2508121210B	Conductivity		1049	µS/cm
2508121210B	pH		8.75	NA
2508121210B	Temperature		29.8	ºC
2508121210B	Transducer			ft
2508121210B	Turbidity		0.89	NTU
2508121225B	Conductivity		1000	µS/cm
2508121225B	pH		8.83	NA
2508121225B	Temperature		28.9	ºC
2508121225B	Transducer			ft
2508121225B	Turbidity		1.06	NTU

Well ID	BLM-32-571	Event Date	8/12/2025	
Sample	**Parameter**		**Result**	**Units**
2508121212B	Conductivity		1003	µS/cm
2508121212B	pH		8.85	NA
2508121212B	Temperature		28.4	ºC
2508121212B	Transducer			ft
2508121212B	Turbidity		0.78	NTU
2508121227B	Conductivity		980	µS/cm
2508121227B	pH		8.80	NA
2508121227B	Temperature		27.1	ºC
2508121227B	Transducer			ft
2508121227B	Turbidity		0.89	NTU

Well ID	BLM-32-632	Event Date	8/13/2025	
Sample	**Parameter**		**Result**	**Units**
2508131110B	Conductivity		984	µS/cm
2508131110B	pH		8.90	NA
2508131110B	Temperature		26.4	ºC
2508131110B	Transducer			ft
2508131110B	Turbidity		0.99	NTU
2508131125B	Conductivity		990	µS/cm
2508131125B	pH		8.85	NA
2508131125B	Temperature		26.9	ºC
2508131125B	Transducer			ft
2508131125B	Turbidity		1.21	NTU

Well ID	BLM-39-385	Event Date	10/9/2025	
Sample	**Parameter**		**Result**	**Units**
2510091445Y	Atmospheric Pressure		12.45	psia
2510091445Y	Conductivity		1382	µS/cm
2510091445Y	DTW		374.31	ft
2510091445Y	Formation Pressure			psia
2510091445Y	pH		8.79	NA
2510091445Y	Temperature		26.3	ºC
2510091445Y	Turbidity		3.15	NTU
2510101025Y	Atmospheric Pressure		12.45	psia
2510101025Y	Conductivity		1376	µS/cm
2510101025Y	DTW		374.35	ft
2510101025Y	Formation Pressure			psia
2510101025Y	pH		8.72	NA
2510101025Y	Temperature		26.2	ºC
2510101025Y	Turbidity		3.08	NTU

Well ID	BLM-39-560	Event Date	10/9/2025	
Sample	**Parameter**		**Result**	**Units**
2510091052Y	Atmospheric Pressure		12.45	psia
2510091052Y	Conductivity		7.82	µS/cm
2510091052Y	DTW		374.20	ft
2510091052Y	Formation Pressure			psia
2510091052Y	pH		8.23	NA
2510091052Y	Temperature		26.1	ºC
2510091052Y	Turbidity		2.42	NTU
2510091320Y	Atmospheric Pressure		12.45	psia
2510091320Y	Conductivity		7.76	µS/cm
2510091320Y	DTW		374.31	ft
2510091320Y	Formation Pressure			psia
2510091320Y	pH		8.18	NA
2510091320Y	Temperature		26.2	ºC
2510091320Y	Turbidity		2.36	NTU

Well ID	BLM-40-595	Event Date	10/14/2025	
Sample	**Parameter**		**Result**	**Units**
2510140945A	Conductivity		775	µS/cm
2510140945A	DTW		527.35	ft
2510140945A	pH		9.86	NA
2510140945A	Temperature		22.1	ºC
2510140945A	Turbidity		0.41	NTU
2510141015A	Conductivity		781	µS/cm
2510141015A	DTW		527.98	ft
2510141015A	pH		9.91	NA
2510141015A	Temperature		22.2	ºC
2510141015A	Turbidity		0.43	NTU

Well ID	BLM-40-688	Event Date	10/14/2025	
Sample	**Parameter**		**Result**	**Units**
2510141420A	Conductivity		953	µS/cm
2510141420A	DTW		510.00	ft
2510141420A	pH		9.01	NA
2510141420A	Temperature		23.7	ºC
2510141420A	Turbidity		0.47	NTU
2510141445A	Conductivity		961	µS/cm
2510141445A	DTW		510.37	ft
2510141445A	pH		9.11	NA
2510141445A	Temperature		23.7	ºC
2510141445A	Turbidity		0.50	NTU

Well ID	BLM-41-420	Event Date	10/15/2025	
Sample	**Parameter**		**Result**	**Units**
2510150930A	Conductivity		1312	µS/cm
2510150930A	DTW		356.50	ft
2510150930A	pH		8.88	NA
2510150930A	Temperature		23.2	ºC
2510150930A	Turbidity		1.02	NTU
2510150950A	Conductivity		1317	µS/cm
2510150950A	DTW		356.58	ft
2510150950A	pH		8.83	NA
2510150950A	Temperature		23.2	ºC
2510150950A	Turbidity		1.05	NTU

Well ID	BLM-41-670	Event Date	10/15/2025	
Sample	**Parameter**		**Result**	**Units**
2510151350A	Conductivity		1250	µS/cm
2510151350A	DTW		391.65	ft
2510151350A	pH		8.70	NA
2510151350A	Temperature		25.2	ºC
2510151350A	Turbidity		1.22	NTU
2510151410A	Conductivity		1246	µS/cm
2510151410A	DTW		391.80	ft
2510151410A	pH		8.65	NA
2510151410A	Temperature		25.3	ºC
2510151410A	Turbidity		1.21	NTU

Well ID	BLM-42-569	Event Date	9/8/2025	
Sample	**Parameter**		**Result**	**Units**
2509081400C	Conductivity		7.86	µS/cm
2509081400C	DTW			ft
2509081400C	pH		8.13	NA
2509081400C	Temperature		26.3	ºC
2509081400C	Turbidity		2.12	NTU
2509081450C	Conductivity		7.81	µS/cm
2509081450C	DTW			ft
2509081450C	pH		8.08	NA
2509081450C	Temperature		26.4	ºC
2509081450C	Turbidity		2.09	NTU

Well ID	BLM-42-709	Event Date	9/8/2025	
Sample	**Parameter**		**Result**	**Units**
2509080940C	Conductivity		7.82	µS/cm
2509080940C	DTW			ft
2509080940C	pH		7.92	NA
2509080940C	Temperature		25.4	ºC
2509080940C	Turbidity		2.34	NTU
2509081010C	Conductivity		7.79	µS/cm
2509081010C	DTW			ft
2509081010C	pH		7.86	NA
2509081010C	Temperature		25.3	ºC
2509081010C	Turbidity		2.19	NTU

Well ID	BLM-5-527	Event Date	9/17/2025	
Sample	**Parameter**		**Result**	**Units**
2509170935C	Conductivity		1285	µS/cm
2509170935C	DTW		NA	ft
2509170935C	pH		7.57	NA
2509170935C	Temperature		22.5	ºC
2509170935C	Turbidity		0.54	NTU
2509170940C	Conductivity		1279	µS/cm
2509170940C	DTW			ft
2509170940C	pH		7.65	NA
2509170940C	Temperature		22.4	ºC
2509170940C	Turbidity		0.48	NTU

Well ID	BLM-6-488	Event Date	10/10/2025	
Sample	**Parameter**		**Result**	**Units**
2510100950A	Conductivity		1820	µS/cm
2510100950A	DTW			ft
2510100950A	pH		7.82	NA
2510100950A	Temperature		21.5	ºC
2510100950A	Turbidity		3.42	NTU
2510101004A	Conductivity		1808	µS/cm
2510101004A	DTW			ft
2510101004A	pH		7.74	NA
2510101004A	Temperature		21.9	ºC
2510101004A	Turbidity		2.92	NTU

Well ID	BLM-7-509	Event Date	9/12/2025	
Sample	**Parameter**		**Result**	**Units**
2509120914C	Conductivity		1300	µS/cm
2509120914C	DTW		498.10	ft
2509120914C	pH		7.84	NA
2509120914C	Temperature		22.2	ºC
2509120914C	Turbidity		0.47	NTU
2509120928C	Conductivity		1306	µS/cm
2509120928C	DTW			ft
2509120928C	pH		7.72	NA
2509120928C	Temperature		22.8	ºC
2509120928C	Turbidity		0.33	NTU

Well ID	BLM-9-419	Event Date	9/2/2025	
Sample	**Parameter**		**Result**	**Units**
2509021430A	Conductivity		1019	µS/cm
2509021430A	DTW		378.55	ft
2509021430A	pH		7.58	NA
2509021430A	Temperature		24.6	ºC
2509021430A	Turbidity		2.50	NTU
2509021450A	Conductivity		1013	µS/cm
2509021450A	DTW		378.72	ft
2509021450A	pH		7.51	NA
2509021450A	Temperature		24.6	ºC
2509021450A	Turbidity		2.39	NTU

Well ID	BW-1-268	Event Date	9/17/2025	
Sample	**Parameter**		**Result**	**Units**
2509171350C	Conductivity		1485	µS/cm
2509171350C	DTW			ft
2509171350C	pH		7.80	NA
2509171350C	Temperature		24.2	ºC
2509171350C	Turbidity		1.36	NTU
2509171356C	Conductivity		1473	µS/cm
2509171356C	DTW			ft
2509171356C	pH		7.90	NA
2509171356C	Temperature		24.0	ºC
2509171356C	Turbidity		1.20	NTU

Well ID	BW-3-180	Event Date	10/20/2025	
Sample	**Parameter**		**Result**	**Units**
2510201025C	Conductivity		2.73	µS/cm
2510201025C	DTW		174.92	ft
2510201025C	pH		8.57	NA
2510201025C	Temperature		20.9	ºC
2510201025C	Turbidity		10.0	NTU
2510201040C	Conductivity		2.74	µS/cm
2510201040C	DTW		174.92	ft
2510201040C	pH		8.49	NA
2510201040C	Temperature		21.1	ºC
2510201040C	Turbidity		9.10	NTU

Well ID	BW-4-330	Event Date	9/3/2025	
Sample	**Parameter**		**Result**	**Units**
2509030930A	Conductivity		1401	µS/cm
2509030930A	DTW		196.90	ft
2509030930A	pH		8.30	NA
2509030930A	Temperature		22.2	ºC
2509030930A	Turbidity		4.77	NTU
2509031000A	Conductivity		1419	µS/cm
2509031000A	DTW		196.97	ft
2509031000A	pH		8.39	NA
2509031000A	Temperature		22.3	ºC
2509031000A	Turbidity		4.71	NTU

Well ID	BW-6-355	Event Date	9/16/2025	
Sample	**Parameter**		**Result**	**Units**
2509160858A	Conductivity		1276	µS/cm
2509160858A	DTW		245.55	ft
2509160858A	pH		7.93	NA
2509160858A	Temperature		21.6	ºC
2509160858A	Turbidity		9.55	NTU
2509160918A	Conductivity		1269	µS/cm
2509160918A	DTW			ft
2509160918A	pH		7.57	NA
2509160918A	Temperature		22.3	ºC
2509160918A	Turbidity		1.38	NTU

Well ID	JER-1-483	Event Date	10/2/2025	
Sample	**Parameter**		**Result**	**Units**
2510021220B	Conductivity		1081	µS/cm
2510021220B	pH		8.19	NA
2510021220B	Temperature		23.7	ºC
2510021220B	Transducer			ft
2510021220B	Turbidity		0.64	NTU
2510021230B	Conductivity		1090	µS/cm
2510021230B	pH		8.11	NA
2510021230B	Temperature		23.7	ºC
2510021230B	Transducer			ft
2510021230B	Turbidity		0.61	NTU

Well ID	JER-1-563	Event Date	10/2/2025	
Sample	**Parameter**		**Result**	**Units**
2510021237B	Conductivity		1115	µS/cm
2510021237B	pH		8.06	NA
2510021237B	Temperature		23.4	ºC
2510021237B	Transducer			ft
2510021237B	Turbidity		0.50	NTU
2510021247B	Conductivity		1118	µS/cm
2510021247B	pH		8.10	NA
2510021247B	Temperature		23.5	ºC
2510021247B	Transducer			ft
2510021247B	Turbidity		0.47	NTU

Well ID	JER-1-683	Event Date	10/2/2025	
Sample	**Parameter**		**Result**	**Units**
2510021300B	Conductivity		1086	µS/cm
2510021300B	pH		8.05	NA
2510021300B	Temperature		23.6	ºC
2510021300B	Transducer			ft
2510021300B	Turbidity		0.52	NTU
2510021315B	Conductivity		1091	µS/cm
2510021315B	pH		8.09	NA
2510021315B	Temperature		23.7	ºC
2510021315B	Transducer			ft
2510021315B	Turbidity		0.48	NTU

Well ID	JER-2-504	Event Date	10/6/2025	
Sample	**Parameter**		**Result**	**Units**
2510061125B	Conductivity		1165	µS/cm
2510061125B	pH		8.27	NA
2510061125B	Temperature		25.2	ºC
2510061125B	Transducer			ft
2510061125B	Turbidity		0.58	NTU
2510061150B	Conductivity		1157	µS/cm
2510061150B	pH		8.19	NA
2510061150B	Temperature		25.0	ºC
2510061150B	Transducer			ft
2510061150B	Turbidity		0.48	NTU

Well ID	JER-2-584	Event Date	10/6/2025	
Sample	**Parameter**		**Result**	**Units**
2510061135B	Conductivity		1204	µS/cm
2510061135B	pH		8.37	NA
2510061135B	Temperature		25.1	ºC
2510061135B	Transducer			ft
2510061135B	Turbidity		0.41	NTU
2510061200B	Conductivity		1192	µS/cm
2510061200B	pH		8.42	NA
2510061200B	Temperature		25.6	ºC
2510061200B	Transducer			ft
2510061200B	Turbidity		0.43	NTU

Well ID	JER-2-684	Event Date	10/7/2025	
Sample	**Parameter**		**Result**	**Units**
2510071100B	Conductivity		1234	µS/cm
2510071100B	pH		8.20	NA
2510071100B	Temperature		23.4	ºC
2510071100B	Transducer			ft
2510071100B	Turbidity		0.52	NTU
2510071120B	Conductivity		1226	µS/cm
2510071120B	pH		8.25	NA
2510071120B	Temperature		23.0	ºC
2510071120B	Transducer			ft
2510071120B	Turbidity		0.46	NTU

Well ID	JP-1-424	Event Date	10/16/2025	
Sample	**Parameter**		**Result**	**Units**
2510160930A	Conductivity		1297	µS/cm
2510160930A	DTW		419.65	ft
2510160930A	pH		9.14	NA
2510160930A	Temperature		21.8	ºC
2510160930A	Turbidity		1.14	NTU
2510160940A	Conductivity		1293	µS/cm
2510160940A	DTW		419.86	ft
2510160940A	pH		9.10	NA
2510160940A	Temperature		21.8	ºC
2510160940A	Turbidity		1.13	NTU

Well ID	JP-2-447	Event Date	10/16/2025	
Sample	**Parameter**		**Result**	**Units**
2510161430A	Conductivity		1330	µS/cm
2510161430A	DTW		420.65	ft
2510161430A	pH		8.97	NA
2510161430A	Temperature		22.3	ºC
2510161430A	Turbidity		2.01	NTU
2510161440A	Conductivity		1326	µS/cm
2510161440A	DTW			ft
2510161440A	pH		8.92	NA
2510161440A	Temperature		22.3	ºC
2510161440A	Turbidity		2.03	NTU

Well ID	JP-3-509	Event Date	10/9/2025	
Sample	**Parameter**		**Result**	**Units**
2510091045A	Conductivity		1310	µS/cm
2510091045A	DTW			ft
2510091045A	pH		7.46	NA
2510091045A	Temperature		22.8	ºC
2510091045A	Turbidity		0.41	NTU
2510091054A	Conductivity		1302	µS/cm
2510091054A	DTW			ft
2510091054A	pH		7.40	NA
2510091054A	Temperature		23.0	ºC
2510091054A	Turbidity		0.33	NTU

Well ID	JP-3-689	Event Date	10/9/2025	
Sample	**Parameter**		**Result**	**Units**
2510091200A	Conductivity		1317	µS/cm
2510091200A	DTW			ft
2510091200A	pH		7.43	NA
2510091200A	Temperature		23.4	ºC
2510091200A	Turbidity		0.33	NTU
2510091205A	Conductivity		1327	µS/cm
2510091205A	DTW			ft
2510091205A	pH		7.38	NA
2510091205A	Temperature		23.2	ºC
2510091205A	Turbidity		0.36	NTU

Well ID	NASA 10	Event Date	9/23/2025	
Sample	**Parameter**		**Result**	**Units**
2509230900A	Conductivity		793	µS/cm
2509230900A	DTW		109.80	ft
2509230900A	pH		8.76	NA
2509230900A	Temperature		24.0	ºC
2509230900A	Turbidity		2.25	NTU
2509230930A	Conductivity		788	µS/cm
2509230930A	DTW		109.84	ft
2509230930A	pH		8.68	NA
2509230930A	Temperature		24.3	ºC
2509230930A	Turbidity		2.15	NTU

Well ID	NASA 3	Event Date	8/11/2025	
Sample	**Parameter**		**Result**	**Units**
2508111420B	Conductivity		880.6	µS/cm
2508111420B	DTW		125.70	ft
2508111420B	pH		7.544	NA
2508111420B	Temperature			ºC
2508111420B	Turbidity		1.16	NTU
2508111421B	Conductivity		880.5	µS/cm
2508111421B	DTW		125.70	ft
2508111421B	pH		7.540	NA
2508111421B	Temperature			ºC
2508111421B	Turbidity		1.23	NTU
2508111422B	Conductivity		880.	µS/cm
2508111422B	DTW		125.72	ft
2508111422B	pH		7.541	NA
2508111422B	Temperature			ºC
2508111422B	Turbidity		1.10	NTU

Well ID	NASA 5	Event Date	9/23/2025	
Sample	**Parameter**		**Result**	**Units**
2509231415A	Conductivity		1277	µS/cm
2509231415A	DTW			ft
2509231415A	pH		7.46	NA
2509231415A	Temperature		25.2	ºC
2509231415A	Turbidity		4.63	NTU
2509231430A	Conductivity		1276	µS/cm
2509231430A	DTW			ft
2509231430A	pH		7.59	NA
2509231430A	Temperature		24.9	ºC
2509231430A	Turbidity		4.10	NTU

Well ID	PL-10-484	Event Date	10/6/2025	
Sample	**Parameter**		**Result**	**Units**
2510061255Y	Atmospheric Pressure		12.50	psia
2510061255Y	Conductivity		1349	µS/cm
2510061255Y	DTW		472.87	ft
2510061255Y	Formation Pressure			psia
2510061255Y	pH		8.47	NA
2510061255Y	Temperature		26.7	ºC
2510061255Y	Turbidity		3.82	NTU
2510061405Y	Atmospheric Pressure		12.50	psia
2510061405Y	Conductivity		1336	µS/cm
2510061405Y	DTW		472.93	ft
2510061405Y	Formation Pressure			psia
2510061405Y	pH		8.39	NA
2510061405Y	Temperature		26.6	ºC
2510061405Y	Turbidity		3.67	NTU

Well ID	PL-10-592	Event Date	10/2/2025	
Sample	**Parameter**		**Result**	**Units**
2510060845Y	Atmospheric Pressure		12.47	psia
2510060845Y	Conductivity		1386	µS/cm
2510060845Y	DTW		472.80	ft
2510060845Y	Formation Pressure			psia
2510060845Y	pH		8.22	NA
2510060845Y	Temperature		21.2	ºC
2510060845Y	Turbidity		1.65	NTU
2510060920Y	Atmospheric Pressure		12.47	psia
2510060920Y	Conductivity		1383	µS/cm
2510060920Y	DTW		472.87	ft
2510060920Y	Formation Pressure			psia
2510060920Y	pH		8.16	NA
2510060920Y	Temperature		21.2	ºC
2510060920Y	Turbidity		1.61	NTU

Well ID	PL-11-470	Event Date	9/3/2025	
Sample	**Parameter**		**Result**	**Units**
2509031210B	Conductivity		1062	µS/cm
2509031210B	pH		8.59	NA
2509031210B	Temperature		22.9	ºC
2509031210B	Transducer			ft
2509031210B	Turbidity		1.91	NTU
2509031230B	Conductivity		1074	µS/cm
2509031230B	pH		8.64	NA
2509031230B	Temperature		23.1	ºC
2509031230B	Transducer			ft
2509031230B	Turbidity		1.71	NTU

Well ID	PL-11-530	Event Date	9/3/2025	
Sample	**Parameter**		**Result**	**Units**
2509031240B	Conductivity		1150	µS/cm
2509031240B	pH		7.67	NA
2509031240B	Temperature		23.4	ºC
2509031240B	Transducer			ft
2509031240B	Turbidity		2.13	NTU
2509031255B	Conductivity		1157	µS/cm
2509031255B	pH		7.76	NA
2509031255B	Temperature		23.7	ºC
2509031255B	Transducer			ft
2509031255B	Turbidity		1.85	NTU

Well ID	PL-11-710	Event Date	9/4/2025	
Sample	**Parameter**		**Result**	**Units**
2509041130B	Conductivity		1133	µS/cm
2509041130B	pH		7.36	NA
2509041130B	Temperature		24.5	ºC
2509041130B	Transducer			ft
2509041130B	Turbidity		1.84	NTU
2509041150B	Conductivity		1142	µS/cm
2509041150B	pH		7.31	NA
2509041150B	Temperature		24.8	ºC
2509041150B	Transducer			ft
2509041150B	Turbidity		1.60	NTU

Well ID	PL-11-820	Event Date	9/4/2025	
Sample	**Parameter**		**Result**	**Units**
2509041200B	Conductivity		1017	µS/cm
2509041200B	pH		8.16	NA
2509041200B	Temperature		24.0	ºC
2509041200B	Transducer			ft
2509041200B	Turbidity		2.02	NTU
2509041220B	Conductivity		1013	µS/cm
2509041220B	pH		8.08	NA
2509041220B	Temperature		24.3	ºC
2509041220B	Transducer			ft
2509041220B	Turbidity		1.91	NTU

Well ID	PL-11-980	Event Date	9/4/2025	
Sample	**Parameter**		**Result**	**Units**
2509041235B	Conductivity		945	µS/cm
2509041235B	pH		8.43	NA
2509041235B	Temperature		22.8	ºC
2509041235B	Transducer			ft
2509041235B	Turbidity		0.94	NTU
2509041250B	Conductivity		955	µS/cm
2509041250B	pH		8.49	NA
2509041250B	Temperature		23.0	ºC
2509041250B	Transducer			ft
2509041250B	Turbidity		0.88	NTU

Well ID	PL-12-570	Event Date	8/15/2025	
Sample	**Parameter**		**Result**	**Units**
2508151015A	Conductivity		1094	µS/cm
2508151015A	DTW			ft
2508151015A	pH		7.16	NA
2508151015A	Temperature		20.86	ºC
2508151015A	Turbidity		1.29	NTU
2508151018A	Conductivity		1101	µS/cm
2508151018A	DTW			ft
2508151018A	pH		7.16	NA
2508151018A	Temperature		20.83	ºC
2508151018A	Turbidity		1.06	NTU
2508151021A	Conductivity		1103	µS/cm
2508151021A	DTW			ft
2508151021A	pH		7.18	NA
2508151021A	Temperature		20.76	ºC
2508151021A	Turbidity		1.02	NTU

Well ID	PL-12-800	Event Date	8/18/2025	
Sample	**Parameter**		**Result**	**Units**
2508181002A	Conductivity		1136	µS/cm
2508181002A	DTW			ft
2508181002A	pH		8.55	NA
2508181002A	Temperature		227	ºC
2508181002A	Turbidity		1.12	NTU
2508181040A	Conductivity		1135	µS/cm
2508181040A	DTW			ft
2508181040A	pH		8.36	NA
2508181040A	Temperature		21.9	ºC
2508181040A	Turbidity		1.30	NTU

Well ID	PL-2-504	Event Date	9/16/2025	
Sample	**Parameter**		**Result**	**Units**
2509161345C	Conductivity		1212	µS/cm
2509161345C	DTW			ft
2509161345C	pH		7.82	NA
2509161345C	Temperature		24.8	ºC
2509161345C	Turbidity		0.78	NTU
2509161351C	Conductivity		1203	µS/cm
2509161351C	DTW			ft
2509161351C	pH		7.89	NA
2509161351C	Temperature		25.2	ºC
2509161351C	Turbidity		0.73	NTU

Well ID	PL-4-464	Event Date	9/2/2025	
Sample	**Parameter**		**Result**	**Units**
2509020945A	Conductivity		1357	µS/cm
2509020945A	DTW		456.10	ft
2509020945A	pH		7.40	NA
2509020945A	Temperature		22.4	ºC
2509020945A	Turbidity		0.74	NTU
2509021015A	Conductivity		1363	µS/cm
2509021015A	DTW		456.29	ft
2509021015A	pH		7.32	NA
2509021015A	Temperature		22.3	ºC
2509021015A	Turbidity		0.68	NTU

Well ID	PL-6-545	Event Date	10/2/2025	
Sample	**Parameter**		**Result**	**Units**
2510020826Y	Atmospheric Pressure		12.57	psia
2510020826Y	Conductivity		1272	µS/cm
2510020826Y	DTW		475.89	ft
2510020826Y	Formation Pressure			psia
2510020826Y	pH		8.45	NA
2510020826Y	Temperature		21.9	ºC
2510020826Y	Turbidity		1.16	NTU
2510020923Y	Atmospheric Pressure		12.58	psia
2510020923Y	Conductivity		1264	µS/cm
2510020923Y	DTW		475.93	ft
2510020923Y	Formation Pressure			psia
2510020923Y	pH		8.40	NA
2510020923Y	Temperature		22.3	ºC
2510020923Y	Turbidity		1.08	NTU

Well ID	PL-6-725	Event Date	10/1/2025	
Sample	**Parameter**		**Result**	**Units**
2510011010Y	Atmospheric Pressure		12.55	psia
2510011010Y	Conductivity		1187	µS/cm
2510011010Y	DTW		475.83	ft
2510011010Y	Formation Pressure			psia
2510011010Y	pH		7.33	NA
2510011010Y	Temperature		26.2	ºC
2510011010Y	Turbidity		1.21	NTU
2510011046Y	Atmospheric Pressure		12.51	psia
2510011046Y	Conductivity		1176	µS/cm
2510011046Y	DTW		475.89	ft
2510011046Y	Formation Pressure			psia
2510011046Y	pH		7.39	NA
2510011046Y	Temperature		25.6	ºC
2510011046Y	Turbidity		1.10	NTU

Well ID	PL-7-560	Event Date	8/1/2025	
Sample	**Parameter**		**Result**	**Units**
2508011030Y	Atmospheric Pressure		12.56	psia
2508011030Y	Conductivity		1184	µS/cm
2508011030Y	DTW		486.75	ft
2508011030Y	Formation Pressure			psia
2508011030Y	pH		7.80	NA
2508011030Y	Temperature		24.7	ºC
2508011030Y	Turbidity		2.60	NTU
2508011150Y	Atmospheric Pressure		12.56	psia
2508011150Y	Conductivity		1176	µS/cm
2508011150Y	DTW		486.84	ft
2508011150Y	Formation Pressure			psia
2508011150Y	pH		7.69	NA
2508011150Y	Temperature		24.9	ºC
2508011150Y	Turbidity		1.91	NTU

Well ID	PL-8-455	Event Date	9/11/2025	
Sample	**Parameter**		**Result**	**Units**
2509111426Y	Atmospheric Pressure		12.58	psia
2509111426Y	Conductivity		758	µS/cm
2509111426Y	DTW		460.41	ft
2509111426Y	Formation Pressure			psia
2509111426Y	pH		8.45	NA
2509111426Y	Temperature		25.0	ºC
2509111426Y	Turbidity		3.21	NTU
2509151045Y	Atmospheric Pressure		12.52	psia
2509151045Y	Conductivity		765	µS/cm
2509151045Y	DTW		460.45	ft
2509151045Y	Formation Pressure			psia
2509151045Y	pH		8.51	NA
2509151045Y	Temperature		25.3	ºC
2509151045Y	Turbidity		3.11	NTU

Well ID	PL-8-605	Event Date	9/11/2025	
Sample	**Parameter**		**Result**	**Units**
2509110946Y	Atmospheric Pressure		12.58	psia
2509110946Y	Conductivity		1052	µS/cm
2509110946Y	DTW		460.35	ft
2509110946Y	Formation Pressure			psia
2509110946Y	pH		8.51	NA
2509110946Y	Temperature		24.0	ºC
2509110946Y	Turbidity		2.69	NTU
2509111045Y	Atmospheric Pressure		12.58	psia
2509111045Y	Conductivity		1056	µS/cm
2509111045Y	DTW		460.41	ft
2509111045Y	Formation Pressure			psia
2509111045Y	pH		8.48	NA
2509111045Y	Temperature		23.8	ºC
2509111045Y	Turbidity		2.58	NTU

Well ID	ST-4-481	Event Date	9/4/2025	
Sample	**Parameter**		**Result**	**Units**
2509040940A	Conductivity		1282	µS/cm
2509040940A	DTW		464.98	ft
2509040940A	pH		7.96	NA
2509040940A	Temperature		23.0	ºC
2509040940A	Turbidity		2.00	NTU
2509041000A	Conductivity		1284	µS/cm
2509041000A	DTW		465.05	ft
2509041000A	pH		7.91	NA
2509041000A	Temperature		23.1	ºC
2509041000A	Turbidity		1.93	NTU

Well ID	ST-4-589	Event Date	9/4/2025	
Sample	**Parameter**		**Result**	**Units**
2509041410A	Conductivity		1005	µS/cm
2509041410A	DTW		464.10	ft
2509041410A	pH		8.39	NA
2509041410A	Temperature		23.5	ºC
2509041410A	Turbidity		2.42	NTU
2509041430A	Conductivity		1009	µS/cm
2509041430A	DTW		464.22	ft
2509041430A	pH		8.32	NA
2509041430A	Temperature		23.5	ºC
2509041430A	Turbidity		2.39	NTU

Well ID	ST-4-690	Event Date	9/11/2025	
Sample	**Parameter**		**Result**	**Units**
2509110956C	Conductivity		1044	µS/cm
2509110956C	DTW		464.68	ft
2509110956C	pH		8.21	NA
2509110956C	Temperature		23.1	ºC
2509110956C	Turbidity		0.49	NTU
2509111020C	Conductivity		1029	µS/cm
2509111020C	DTW			ft
2509111020C	pH		8.32	NA
2509111020C	Temperature		27.9	ºC
2509111020C	Turbidity		0.65	NTU

Well ID	ST-5-1175	Event Date	8/13/2025	
Sample	**Parameter**		**Result**	**Units**
2508140820Y	Atmospheric Pressure		12.52	psia
2508140820Y	Conductivity		1860	µS/cm
2508140820Y	DTW		490.68	ft
2508140820Y	Formation Pressure			psia
2508140820Y	pH		8.01	NA
2508140820Y	Temperature		24.3	ºC
2508140820Y	Turbidity		2.30	NTU
2508141018Y	Atmospheric Pressure		12.54	psia
2508141018Y	Conductivity		1871	µS/cm
2508141018Y	DTW		490.80	ft
2508141018Y	Formation Pressure			psia
2508141018Y	pH		7.93	NA
2508141018Y	Temperature		24.8	ºC
2508141018Y	Turbidity		1.94	NTU

Well ID	ST-5-485	Event Date	8/13/2025	
Sample	**Parameter**		**Result**	**Units**
2508130950Y	Atmospheric Pressure		12.60	psia
2508130950Y	Conductivity		1126	µS/cm
2508130950Y	DTW		490.67	ft
2508130950Y	Formation Pressure			psia
2508130950Y	pH		7.98	NA
2508130950Y	Temperature		24.4	ºC
2508130950Y	Turbidity		1.86	NTU
2508131350Y	Atmospheric Pressure		12.62	psia
2508131350Y	Conductivity		1138	µS/cm
2508131350Y	DTW		490.68	ft
2508131350Y	Formation Pressure			psia
2508131350Y	pH		7.89	NA
2508131350Y	Temperature		25.2	ºC
2508131350Y	Turbidity		1.31	NTU

Well ID	ST-5-655	Event Date	8/11/2025	
Sample	**Parameter**		**Result**	**Units**
2508110930Y	Atmospheric Pressure		12.57	psia
2508110930Y	Conductivity		1000	µS/cm
2508110930Y	DTW		490.33	ft
2508110930Y	Formation Pressure			psia
2508110930Y	pH		8.22	NA
2508110930Y	Temperature		24.6	ºC
2508110930Y	Turbidity		0.76	NTU
2508111100Y	Atmospheric Pressure		12.59	psia
2508111100Y	Conductivity		1009	µS/cm
2508111100Y	DTW		490.42	ft
2508111100Y	Formation Pressure			psia
2508111100Y	pH		8.24	NA
2508111100Y	Temperature		24.9	ºC
2508111100Y	Turbidity		0.71	NTU

Well ID	ST-5-985	Event Date	8/11/2025	
Sample	**Parameter**		**Result**	**Units**
2508111410Y	Atmospheric Pressure		12.54	psia
2508111410Y	Conductivity		1606	µS/cm
2508111410Y	DTW		490.42	ft
2508111410Y	Formation Pressure		NA	psia
2508111410Y	pH		8.29	NA
2508111410Y	Temperature		25.1	ºC
2508111410Y	Turbidity		0.91	NTU
2508120900Y	Atmospheric Pressure		12.56	psia
2508120900Y	Conductivity		1617	µS/cm
2508120900Y	DTW		490.56	ft
2508120900Y	Formation Pressure			psia
2508120900Y	pH		8.33	NA
2508120900Y	Temperature		24.5	ºC
2508120900Y	Turbidity		0.95	NTU

Well ID	ST-6-528	Event Date	9/8/2025	
Sample	**Parameter**		**Result**	**Units**
2509081310B	Conductivity		1359	µS/cm
2509081310B	pH		8.18	NA
2509081310B	Temperature		23.4	ºC
2509081310B	Transducer			ft
2509081310B	Turbidity		1.48	NTU
2509081320B	Conductivity		1335	µS/cm
2509081320B	pH		8.10	NA
2509081320B	Temperature		23.4	ºC
2509081320B	Transducer			ft
2509081320B	Turbidity		1.30	NTU

Well ID	ST-6-568	Event Date	9/9/2025	
Sample	**Parameter**		**Result**	**Units**
2509091250B	Conductivity		1343	µS/cm
2509091250B	pH		7.68	NA
2509091250B	Temperature		22.3	ºC
2509091250B	Transducer			ft
2509091250B	Turbidity		0.83	NTU
2509091255B	Conductivity		1380	µS/cm
2509091255B	pH		7.57	NA
2509091255B	Temperature		22.6	ºC
2509091255B	Transducer			ft
2509091255B	Turbidity		0.71	NTU

Well ID	ST-6-678	Event Date	9/9/2025	
Sample	**Parameter**		**Result**	**Units**
2509091251B	Conductivity		1243	µS/cm
2509091251B	pH		8.15	NA
2509091251B	Temperature		23.04	ºC
2509091251B	Transducer			ft
2509091251B	Turbidity		0.49	NTU
2509091315B	Conductivity		1233	µS/cm
2509091315B	pH		8.17	NA
2509091315B	Temperature		23.08	ºC
2509091315B	Transducer			ft
2509091315B	Turbidity		0.31	NTU

Well ID	ST-6-824	Event Date	9/10/2025	
Sample	**Parameter**		**Result**	**Units**
2509101230B	Conductivity		1211	µS/cm
2509101230B	pH		8.03	NA
2509101230B	Temperature		23.5	ºC
2509101230B	Transducer			ft
2509101230B	Turbidity		1.48	NTU
2509101300B	Conductivity		1197	µS/cm
2509101300B	pH		8.21	NA
2509101300B	Temperature		23.2	ºC
2509101300B	Transducer			ft
2509101300B	Turbidity		1.21	NTU

Well ID	ST-6-970	Event Date	9/10/2025	
Sample	**Parameter**		**Result**	**Units**
2509101232B	Conductivity		1277	µS/cm
2509101232B	pH		7.80	NA
2509101232B	Temperature		22.0	ºC
2509101232B	Transducer			ft
2509101232B	Turbidity		1.11	NTU
2509101315B	Conductivity		1251	µS/cm
2509101315B	pH		7.77	NA
2509101315B	Temperature		22.3	ºC
2509101315B	Transducer			ft
2509101315B	Turbidity		0.97	NTU

Well ID	ST-7-544	Event Date	10/1/2025	
Sample	**Parameter**		**Result**	**Units**
2510011100B	Conductivity		1102	µS/cm
2510011100B	pH		7.85	NA
2510011100B	Temperature		21.9	ºC
2510011100B	Transducer			ft
2510011100B	Turbidity		0.71	NTU
2510011135B	Conductivity		1088	µS/cm
2510011135B	pH		7.72	NA
2510011135B	Temperature		22.3	ºC
2510011135B	Transducer			ft
2510011135B	Turbidity		0.64	NTU

Well ID	ST-7-779	Event Date	10/1/2025	
Sample	**Parameter**		**Result**	**Units**
2510011105B	Conductivity		1195	µS/cm
2510011105B	pH		8.06	NA
2510011105B	Temperature		22.3	ºC
2510011105B	Transducer			ft
2510011105B	Turbidity		0.47	NTU
2510011140B	Conductivity		1206	µS/cm
2510011140B	pH		8.00	NA
2510011140B	Temperature		22.8	ºC
2510011140B	Transducer			ft
2510011140B	Turbidity		0.44	NTU

Well ID	ST-7-970	Event Date	10/1/2025	
Sample	**Parameter**		**Result**	**Units**
2510011110B	Conductivity		937	µS/cm
2510011110B	pH		7.33	NA
2510011110B	Temperature		22.6	ºC
2510011110B	Transducer			ft
2510011110B	Turbidity		0.38	NTU
2510011155B	Conductivity		945	µS/cm
2510011155B	pH		7.39	NA
2510011155B	Temperature		23.0	ºC
2510011155B	Transducer			ft
2510011155B	Turbidity		0.32	NTU

Well ID	WB-14-520	Event Date	8/14/2025	
Sample	**Parameter**		**Result**	**Units**
2508141345Y	Atmospheric Pressure		12.40	psia
2508141345Y	Conductivity		841	µS/cm
2508141345Y	DTW		309.15	ft
2508141345Y	Formation Pressure			psia
2508141345Y	pH		8.37	NA
2508141345Y	Temperature		25.8	ºC
2508141345Y	Turbidity		2.41	NTU
2508141430Y	Atmospheric Pressure		12.38	psia
2508141430Y	Conductivity		835	µS/cm
2508141430Y	DTW		309.23	ft
2508141430Y	Formation Pressure			psia
2508141430Y	pH		8.28	NA
2508141430Y	Temperature		26.2	ºC
2508141430Y	Turbidity		1.84	NTU

Well ID	WB-5-250	Event Date	8/20/2025	
Sample	**Parameter**		**Result**	**Units**
2508201425Y	Atmospheric Pressure			psia
2508201425Y	Conductivity		1196	µS/cm
2508201425Y	DTW		220.83	ft
2508201425Y	Formation Pressure			psia
2508201425Y	pH		7.89	NA
2508201425Y	Temperature		24.4	ºC
2508201425Y	Turbidity		10.6	NTU
2508250958Y	Atmospheric Pressure			psia
2508250958Y	Conductivity		1189	µS/cm
2508250958Y	DTW		220.87	ft
2508250958Y	Formation Pressure			psia
2508250958Y	pH		7.82	NA
2508250958Y	Temperature		24.1	ºC
2508250958Y	Turbidity		10.3	NTU

Well ID	WB-5-280	Event Date	8/20/2025	
Sample	**Parameter**		**Result**	**Units**
2508201050Y	Atmospheric Pressure			psia
2508201050Y	Conductivity		205	µS/cm
2508201050Y	DTW		220.76	ft
2508201050Y	Formation Pressure			psia
2508201050Y	pH		8.12	NA
2508201050Y	Temperature		24.3	ºC
2508201050Y	Turbidity		3.33	NTU
2508201330Y	Atmospheric Pressure			psia
2508201330Y	Conductivity		206	µS/cm
2508201330Y	DTW		220.83	ft
2508201330Y	Formation Pressure			psia
2508201330Y	pH		8.13	NA
2508201330Y	Temperature		26.1	ºC
2508201330Y	Turbidity		3.49	NTU

Well ID	WB-5-345	Event Date	8/20/2025	
Sample	**Parameter**		**Result**	**Units**
2508200905Y	Atmospheric Pressure			psia
2508200905Y	Conductivity		1028	µS/cm
2508200905Y	DTW		220.69	ft
2508200905Y	Formation Pressure			psia
2508200905Y	pH		7.69	NA
2508200905Y	Temperature		23.4	ºC
2508200905Y	Turbidity		2.74	NTU
2508201000Y	Atmospheric Pressure			psia
2508201000Y	Conductivity		1035	µS/cm
2508201000Y	DTW		220.76	ft
2508201000Y	Formation Pressure			psia
2508201000Y	pH		7.65	NA
2508201000Y	Temperature		23.1	ºC
2508201000Y	Turbidity		3.10	NTU

Well ID	WW-1-452	Event Date	9/16/2025	
Sample	**Parameter**		**Result**	**Units**
2509160940C	Conductivity		1291	µS/cm
2509160940C	DTW			ft
2509160940C	pH		7.53	NA
2509160940C	Temperature		23.4	ºC
2509160940C	Turbidity		0.51	NTU
2509160945C	Conductivity		1304	µS/cm
2509160945C	DTW			ft
2509160945C	pH		7.46	NA
2509160945C	Temperature		23.2	ºC
2509160945C	Turbidity		0.45	NTU

Well ID	WW-2-489	Event Date	9/15/2025	
Sample	**Parameter**		**Result**	**Units**
2509150920C	Conductivity		1139	µS/cm
2509150920C	DTW			ft
2509150920C	pH		8.35	NA
2509150920C	Temperature		22.6	ºC
2509150920C	Turbidity		2.41	NTU
2509150927C	Conductivity		1134	µS/cm
2509150927C	DTW			ft
2509150927C	pH		8.28	NA
2509150927C	Temperature		23.1	ºC
2509150927C	Turbidity		1.91	NTU

Well ID	WW-2-664	Event Date	9/15/2025	
Sample	**Parameter**		**Result**	**Units**
2509151325C	Conductivity		1127	µS/cm
2509151325C	DTW			ft
2509151325C	pH		8.19	NA
2509151325C	Temperature		23.4	ºC
2509151325C	Turbidity		3.48	NTU
2509151330C	Conductivity		1136	µS/cm
2509151330C	DTW			ft
2509151330C	pH		8.24	NA
2509151330C	Temperature		23.7	ºC
2509151330C	Turbidity		1,96	NTU

Well ID	WW-3-469	Event Date	9/2/2025	
Sample	**Parameter**		**Result**	**Units**
2509021315Y	Atmospheric Pressure		12.66	psia
2509021315Y	Conductivity		1104	µS/cm
2509021315Y	DTW		415.96	ft
2509021315Y	Formation Pressure			psia
2509021315Y	pH		7.82	NA
2509021315Y	Temperature		24.0	ºC
2509021315Y	Turbidity		2.39	NTU
2509021420Y	Atmospheric Pressure		12.64	psia
2509021420Y	Conductivity		1091	µS/cm
2509021420Y	DTW		416.08	ft
2509021420Y	Formation Pressure			psia
2509021420Y	pH		7.89	NA
2509021420Y	Temperature		24.4	ºC
2509021420Y	Turbidity		1.70	NTU

Well ID	WW-3-569	Event Date	9/2/2025	
Sample	**Parameter**		**Result**	**Units**
2509020915Y	Atmospheric Pressure		12.56	psia
2509020915Y	Conductivity		1076	µS/cm
2509020915Y	DTW		415.87	ft
2509020915Y	Formation Pressure			psia
2509020915Y	pH		8.17	NA
2509020915Y	Temperature		23.5	ºC
2509020915Y	Turbidity		0.86	NTU
2509020947Y	Atmospheric Pressure		12.54	psia
2509020947Y	Conductivity		1065	µS/cm
2509020947Y	DTW		415.96	ft
2509020947Y	Formation Pressure			psia
2509020947Y	pH		8.10	NA
2509020947Y	Temperature		23.7	ºC
2509020947Y	Turbidity		0.88	NTU

Well ID	WW-4-419	Event Date	8/14/2025	
Sample	**Parameter**		**Result**	**Units**
2508141240B	Conductivity		1354	µS/cm
2508141240B	pH		7.36	NA
2508141240B	Temperature		24.3	ºC
2508141240B	Transducer			ft
2508141240B	Turbidity		1.25	NTU
2508141259B	Conductivity		1348	µS/cm
2508141259B	pH		7.34	NA
2508141259B	Temperature		24.4	ºC
2508141259B	Transducer			ft
2508141259B	Turbidity		1.10	NTU

Well ID	WW-4-589	Event Date	8/14/2025	
Sample	**Parameter**		**Result**	**Units**
2508141315B	Conductivity		1204	µS/cm
2508141315B	pH		7.39	NA
2508141315B	Temperature		23.9	ºC
2508141315B	Transducer			ft
2508141315B	Turbidity		1.04	NTU
2508141320B	Conductivity		1202	µS/cm
2508141320B	pH		7.41	NA
2508141320B	Temperature		24.8	ºC
2508141320B	Transducer			ft
2508141320B	Turbidity		1.10	NTU

Well ID	WW-4-848	Event Date	8/18/2025	
Sample	**Parameter**		**Result**	**Units**
2508181250B	Conductivity		862	µS/cm
2508181250B	pH		7.89	NA
2508181250B	Temperature		21.1	ºC
2508181250B	Transducer			ft
2508181250B	Turbidity		0.71	NTU
2508181314B	Conductivity		874	µS/cm
2508181314B	pH		7.93	NA
2508181314B	Temperature		21.8	ºC
2508181314B	Transducer		NA	ft
2508181314B	Turbidity		0.60	NTU

Well ID	WW-4-948	Event Date	8/18/2025	
Sample	**Parameter**		**Result**	**Units**
2508181320B	Conductivity		1049	µS/cm
2508181320B	pH		8.53	NA
2508181320B	Temperature		20.8	ºC
2508181320B	Transducer			ft
2508181320B	Turbidity		0.68	NTU
2508181325B	Conductivity		1058	µS/cm
2508181325B	pH		8.42	NA
2508181325B	Temperature		21.4	ºC
2508181325B	Transducer			ft
2508181325B	Turbidity		0.63	NTU

Well ID	WW-5-459	Event Date	10/8/2025	
Sample	**Parameter**		**Result**	**Units**
2510081115B	Conductivity		1309	µS/cm
2510081115B	pH		7.36	NA
2510081115B	Temperature		24.2	ºC
2510081115B	Transducer			ft
2510081115B	Turbidity		0.50	NTU
2510081140B	Conductivity			µS/cm
2510081140B	Conductivity		1297	µS/cm
2510081140B	pH		7.30	NA
2510081140B	pH			NA
2510081140B	Temperature		23.8	ºC
2510081140B	Temperature			ºC
2510081140B	Transducer			ft
2510081140B	Transducer			ft
2510081140B	Turbidity		0.44	NTU
2510081140B	Turbidity			NTU

Well ID	WW-5-579	Event Date	10/8/2025	
Sample	**Parameter**		**Result**	**Units**
2510081125B	Conductivity		1168	µS/cm
2510081125B	pH		7.26	NA
2510081125B	Temperature		23.8	ºC
2510081125B	Transducer			ft
2510081125B	Turbidity		0.36	NTU
2510081200B	Conductivity		1176	µS/cm
2510081200B	pH		7.33	NA
2510081200B	Temperature		23.3	ºC
2510081200B	Transducer			ft
2510081200B	Turbidity		0.35	NTU

Well ID	WW-5-809	Event Date	10/13/2025	
Sample	**Parameter**		**Result**	**Units**
2510131035B	Conductivity		1184	µS/cm
2510131035B	pH		7.85	NA
2510131035B	Temperature		21.2	ºC
2510131035B	Transducer			ft
2510131035B	Turbidity		0.45	NTU
2510131138B	Conductivity		1147	µS/cm
2510131138B	pH		8.49	NA
2510131138B	Temperature		21.6	ºC
2510131138B	Transducer			ft
2510131138B	Turbidity		0.64	NTU

Well ID	WW-5-909	Event Date	10/13/2025	
Sample	**Parameter**		**Result**	**Units**
2510131040B	Conductivity		1603	µS/cm
2510131040B	pH		7.55	NA
2510131040B	Temperature		22.2	ºC
2510131040B	Transducer			ft
2510131040B	Turbidity		0.41	NTU
2510131149B	Conductivity		1524	µS/cm
2510131149B	pH		8.40	NA
2510131149B	Temperature		21.2	ºC
2510131149B	Transducer			ft
2510131149B	Turbidity		0.49	NTU

Appendix A.2
Monitor Well Analytical Data

Detections for Monitoring Well Sampling Events in this Reporting Period

Analytical Results for Sampling Events at 100-001-GW

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/16/2025	8260	2510160930B	1,1-Dichloroethane (1,1-DCA)	0.25	ug/L	1.0	0.20		J
10/16/2025	8260	2510160930B	1,1-Dichloroethene	1.6	ug/L	1.0	0.20		
10/16/2025	8260	2510160930B	Dichlorofluoromethane (CFC 21)	0.97	ug/L	1.0	0.20		J
10/16/2025	8260	2510160930B	Dichloromethane	0.99	ug/L	1.0	0.65		J
10/16/2025	8260	2510160930B	Trichlorofluoromethane (CFC 11)	47	ug/L	1.0	0.24		
10/16/2025	8260	2510160930B	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.32	ug/L	1.0	0.20		J
10/16/2025	8260	2510160930B	Carbon Dioxide	77	ug/L	NA	NA		J RB TIC FB
10/16/2025	8260	2510160930B	1,1,2-Trichloro-1,2,2-Trifluoroethane	14	ug/L	1.0	0.20		
10/16/2025	8260	2510160931B	Dichloromethane	0.92	ug/L	1.0	0.65		J
10/16/2025	8260	2510160931B	Silanol, trimethyl-	1.5	ug/L	NA	NA		J TIC
10/16/2025	8260	2510160931B	Silane, methoxytrimethyl-	1.6	ug/L	NA	NA		J TIC
10/16/2025	8260	2510160931B	Trimethylsilyl fluoride	3.9	ug/L	NA	NA		J TIC
10/16/2025	8260	2510160931B	Carbon Dioxide	82	ug/L	NA	NA		J RB TIC FB
10/16/2025	8260	2510160931B	Trichlorofluoromethane (CFC 11)	47	ug/L	1.0	0.24		
10/16/2025	8260	2510160931B	Dichlorofluoromethane (CFC 21)	1	ug/L	1.0	0.20		
10/16/2025	8260	2510160931B	1,1-Dichloroethene	1.6	ug/L	1.0	0.20		
10/16/2025	8260	2510160931B	1,1-Dichloroethane (1,1-DCA)	0.27	ug/L	1.0	0.20		J
10/16/2025	8260	2510160931B	1,1,2-Trichloro-1,2,2-Trifluoroethane	14	ug/L	1.0	0.20		
10/16/2025	8260	2510160931B	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.34	ug/L	1.0	0.20		J
10/16/2025	607	2510160933B	Bromacil	0.009	µg/L	0.01	0.005	163	J
10/16/2025	METALS	2510160935B	Molybdenum, Total	0.027	mg/L	0.025	0.003		
10/16/2025	METALS	2510160935B	Strontium, Total	2.55	mg/L	0.10	0.002		
10/16/2025	METALS	2510160935B	Vanadium, Total	0.016	mg/L	0.050	0.0007		J
10/16/2025	METALS	2510160935B	Sodium, Total	62	mg/L	1.0	0.5		
10/16/2025	METALS	2510160935B	Potassium, Total	2.1	mg/L	2.0	0.4		
10/16/2025	METALS	2510160935B	Nickel, Total	0.04	mg/L	0.040	0.003		J
10/16/2025	METALS	2510160935B	Chromium, Total	0.003	mg/L	0.010	0.002		J
10/16/2025	METALS	2510160935B	Calcium, Total	46.6	mg/L	1.0	0.3		
10/16/2025	METALS	2510160935B	Boron, Total	0.1	mg/L	0.20	0.02		J
10/16/2025	METALS	2510160935B	Barium, Total	0.023	mg/L	0.020	0.003		
10/16/2025	METALS	2510160935B	Antimony, Total	0.0004	mg/L	0.0010	0.0002		J
10/16/2025	METALS	2510160935B	Arsenic, Total	0.0029	mg/L	0.0010	0.0004		
10/16/2025	METALS	2510160935B	Zinc, Total	0.014	mg/L	0.020	0.003		J
10/16/2025	METALS	2510160935B	Magnesium, Total	35.2	mg/L	1.0	0.03		
10/16/2025	METALS	2510160936B	Potassium, Total	2.1	mg/L	2.0	0.4		
10/16/2025	METALS	2510160936B	Zinc, Total	0.014	mg/L	0.020	0.003		J

Analytical Results for Sampling Events at 100-001-GW

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/16/2025	METALS	2510160936B	Vanadium, Total	0.016	mg/L	0.050	0.0007		J
10/16/2025	METALS	2510160936B	Sodium, Total	61.7	mg/L	1.0	0.5		
10/16/2025	METALS	2510160936B	Nickel, Total	0.04	mg/L	0.040	0.003		J
10/16/2025	METALS	2510160936B	Molybdenum, Total	0.026	mg/L	0.025	0.003		
10/16/2025	METALS	2510160936B	Magnesium, Total	35.1	mg/L	1.0	0.03		
10/16/2025	METALS	2510160936B	Chromium, Total	0.004	mg/L	0.010	0.002		J
10/16/2025	METALS	2510160936B	Calcium, Total	46.6	mg/L	1.0	0.3		
10/16/2025	METALS	2510160936B	Boron, Total	0.1	mg/L	0.20	0.02		J
10/16/2025	METALS	2510160936B	Barium, Total	0.023	mg/L	0.020	0.003		
10/16/2025	METALS	2510160936B	Arsenic, Total	0.0029	mg/L	0.0010	0.0004		
10/16/2025	METALS	2510160936B	Antimony, Total	0.0004	mg/L	0.0010	0.0002		J
10/16/2025	METALS	2510160936B	Strontium, Total	2.56	mg/L	0.10	0.002		
10/16/2025	METALS	2510160936B	Iron, Total	0.11	mg/L	0.10	0.07		
10/16/2025	ANIONS	2510160937B	Sulfate	166	mg/L	20	4		
10/16/2025	ANIONS	2510160937B	Alkalinity, Total as CaCO3	167	mg/L	2.0	1.8		
10/16/2025	ANIONS	2510160937B	Chloride	42.9	mg/L	2.0	0.5		
10/16/2025	ANIONS	2510160937B	Fluoride, undistilled	0.59	mg/L	0.10	0.010		
10/16/2025	SM2540C	2510160938B	Total Dissolved Solids (TDS)	510	mg/L	10	9		
10/16/2025	6850	2510160939B	Perchlorate	0.54	ug/L	0.20	0.10		
10/16/2025	353.2	2510160940B	Nitrate+Nitrite as Nitrogen	1.33	mg/L	0.050	0.002		

Analytical Results for Sampling Events at 200-H-225

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/5/2025	8260	2508050945Y	Dichlorofluoromethane (CFC 21)	0.78	ug/L	1.0	0.20		J
8/5/2025	8260	2508050945Y	Tetrahydrofuran (THF)	4.3	ug/L	5.0	0.77		J
8/5/2025	8260	2508050945Y	Trichlorofluoromethane (CFC 11)	0.82	ug/L	1.0	0.24		J
8/5/2025	8260	2508050945Y	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.46	ug/L	1.0	0.20		A J
8/5/2025	8260	2508050945Y	Trimethylsilyl fluoride	2.1	ug/L	NA	NA		J TIC QD
8/5/2025	8260	2508050945Y	Benzene, 1-bromo-3-fluoro-	33	ug/L	NA	NA		J TIC TB
8/5/2025	8260	2508050945Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.58	ug/L	1.0	0.20		J
8/5/2025	8260	2508050946Y	Trichlorofluoromethane (CFC 11)	0.69	ug/L	1.0	0.24		J
8/5/2025	8260	2508050946Y	Trimethylsilyl fluoride	1.4	ug/L	NA	NA		J TIC QD
8/5/2025	8260	2508050946Y	Dichlorofluoromethane (CFC 21)	0.63	ug/L	1.0	0.20		J
8/5/2025	8260	2508050946Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.54	ug/L	1.0	0.20		J
8/5/2025	8260	2508050946Y	Tetrahydrofuran (THF)	3.9	ug/L	5.0	0.77		J
8/5/2025	607	2508050947Y	Bromacil	0.007	µg/L	0.0099	0.005	112	J
8/5/2025	METALS	2508051010Y	Calcium, Total	138	mg/L	1.0	0.3		
8/5/2025	METALS	2508051010Y	Potassium, Total	2.3	mg/L	2.0	0.4		
8/5/2025	METALS	2508051010Y	Nickel, Total	0.028	mg/L	0.040	0.003		J
8/5/2025	METALS	2508051010Y	Molybdenum, Total	0.008	mg/L	0.025	0.003		J
8/5/2025	METALS	2508051010Y	Magnesium, Total	67.8	mg/L	1.0	0.03		
8/5/2025	METALS	2508051010Y	Boron, Total	0.06	mg/L	0.20	0.02		J
8/5/2025	METALS	2508051010Y	Barium, Total	0.024	mg/L	0.020	0.003		
8/5/2025	METALS	2508051010Y	Zinc, Total	0.047	mg/L	0.020	0.003		
8/5/2025	METALS	2508051010Y	Vanadium, Total	0.0008	mg/L	0.050	0.0007		J
8/5/2025	METALS	2508051010Y	Thallium, Total	0.00006	mg/L	0.0010	0.00004		J
8/5/2025	METALS	2508051010Y	Strontium, Total	2.06	mg/L	0.10	0.002		
8/5/2025	METALS	2508051010Y	Sodium, Total	34.6	mg/L	1.0	0.5		
8/5/2025	METALS	2508051010Y	Manganese, Total	0.008	mg/L	0.010	0.004		J

Analytical Results for Sampling Events at 200-H-331

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/4/2025	8260	2508040950Y	Sulfur Dioxide	0.84	ug/L	NA	NA		J TIC RB
8/4/2025	8260	2508040950Y	Trimethylsilyl fluoride	1.1	ug/L	NA	NA		J TIC
8/4/2025	METALS	2508041015Y	Strontium, Total	13.4	mg/L	1.0	0.02		
8/4/2025	METALS	2508041015Y	Manganese, Total	0.013	mg/L	0.010	0.004		
8/4/2025	METALS	2508041015Y	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
8/4/2025	METALS	2508041015Y	Sodium, Total	35.4	mg/L	1.0	0.5		
8/4/2025	METALS	2508041015Y	Potassium, Total	2.5	mg/L	2.0	0.4		
8/4/2025	METALS	2508041015Y	Nickel, Total	0.078	mg/L	0.040	0.003		
8/4/2025	METALS	2508041015Y	Iron, Total	0.09	mg/L	0.10	0.07		J
8/4/2025	METALS	2508041015Y	Copper, Total	0.013	mg/L	0.020	0.004		J
8/4/2025	METALS	2508041015Y	Calcium, Total	374	mg/L	10	3		
8/4/2025	METALS	2508041015Y	Cadmium, Total	0.0004	mg/L	0.0050	0.0004		J
8/4/2025	METALS	2508041015Y	Boron, Total	0.08	mg/L	0.20	0.02		J
8/4/2025	METALS	2508041015Y	Barium, Total	0.014	mg/L	0.020	0.003		J
8/4/2025	METALS	2508041015Y	Magnesium, Total	134	mg/L	1.0	0.03		
8/4/2025	METALS	2508041015Y	Zinc, Total	0.291	mg/L	0.020	0.003		
8/4/2025	ANIONS	2508041016Y	Chloride	34	mg/L	2.0	0.5		
8/4/2025	ANIONS	2508041016Y	Fluoride, undistilled	1.24	mg/L	0.10	0.010		
8/4/2025	ANIONS	2508041016Y	Alkalinity, Total as CaCO3	228	mg/L	2.0	1.8		
8/4/2025	ANIONS	2508041016Y	Sulfate	1160	mg/L	40	8		
8/4/2025	SM2540C	2508041017Y	Total Dissolved Solids (TDS)	2070	mg/L	20	18		

Analytical Results for Sampling Events at 200-H-433

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/4/2025	8260	2508041345Y	Trimethylsilyl fluoride	2.1	ug/L	NA	NA		J TIC
8/4/2025	METALS	2508041410Y	Magnesium, Total	157	mg/L	1.0	0.03		
8/4/2025	METALS	2508041410Y	Vanadium, Total	0.0008	mg/L	0.050	0.0007		J EB
8/4/2025	METALS	2508041410Y	Strontium, Total	16.8	mg/L	1.0	0.02		
8/4/2025	METALS	2508041410Y	Sodium, Total	35.5	mg/L	1.0	0.5		
8/4/2025	METALS	2508041410Y	Zinc, Total	0.055	mg/L	0.020	0.003		
8/4/2025	METALS	2508041410Y	Potassium, Total	2.5	mg/L	2.0	0.4		
8/4/2025	METALS	2508041410Y	Calcium, Total	390	mg/L	10	3		
8/4/2025	METALS	2508041410Y	Boron, Total	0.08	mg/L	0.20	0.02		J
8/4/2025	METALS	2508041410Y	Barium, Total	0.014	mg/L	0.020	0.003		J
8/4/2025	METALS	2508041410Y	Manganese, Total	0.011	mg/L	0.010	0.004		
8/4/2025	METALS	2508041410Y	Nickel, Total	0.026	mg/L	0.040	0.003		J

Analytical Results for Sampling Events at 200-JG-110

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/16/2025	8260	2509161318A	Trichloroethene (TCE)	22	ug/L	1.0	0.20		
9/16/2025	8260	2509161318A	Sulfur Dioxide	2.7	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509161318A	Hydrazinecarboxamide	4.6	ug/L	NA	NA		J TIC
9/16/2025	8260	2509161318A	Carbon Dioxide	98	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509161318A	Trichlorofluoromethane (CFC 11)	5.8	ug/L	1.0	0.24		
9/16/2025	8260	2509161318A	Tetrachloroethene (PCE)	1.8	ug/L	1.0	0.21		
9/16/2025	8260	2509161318A	1,1,2-Trichloro-1,2,2-Trifluoroethane	33	ug/L	1.0	0.20		
9/16/2025	8260	2509161318A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.55	ug/L	1.0	0.20		J
9/16/2025	8260	2509161319A	Carbon Dioxide	96	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509161319A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.53	ug/L	1.0	0.20		J
9/16/2025	8260	2509161319A	Silane, methoxytrimethyl-	1.4	ug/L	NA	NA		J TIC
9/16/2025	8260	2509161319A	Sulfur Dioxide	2.6	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509161319A	Trichlorofluoromethane (CFC 11)	5.8	ug/L	1.0	0.24		
9/16/2025	8260	2509161319A	1,1,2-Trichloro-1,2,2-Trifluoroethane	34	ug/L	1.0	0.20		
9/16/2025	8260	2509161319A	Trichloroethene (TCE)	23	ug/L	1.0	0.20		
9/16/2025	8260	2509161319A	Tetrachloroethene (PCE)	1.9	ug/L	1.0	0.21		
9/16/2025	8260	2509161319A	Trimethylsilyl fluoride	8.4	ug/L	NA	NA		J TIC
9/16/2025	607	2509161321A	Bromacil	0.02	µg/L	0.0094	0.0047	145	
9/16/2025	METALS	2509161323A	Calcium, Total	123	mg/L	1.0	NA		
9/16/2025	METALS	2509161323A	Strontium, Total	2.97	mg/L	0.10	NA		
9/16/2025	METALS	2509161323A	Sodium, Total	40.7	mg/L	1.0	NA		
9/16/2025	METALS	2509161323A	Potassium, Total	3.3	mg/L	2.0	NA		
9/16/2025	METALS	2509161323A	Nickel, Total	0.023	mg/L	0.040	0.003		J
9/16/2025	METALS	2509161323A	Magnesium, Total	71.3	mg/L	1.0	NA		
9/16/2025	METALS	2509161323A	Boron, Total	0.09	mg/L	0.20	0.02		J
9/16/2025	METALS	2509161323A	Barium, Total	0.037	mg/L	0.020	NA		
9/16/2025	METALS	2509161323A	Antimony, Total	0.0003	mg/L	0.0010	0.0002		J
9/16/2025	METALS	2509161323A	Molybdenum, Total	0.013	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at 200-KV-150

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/17/2025	8260	2509171444A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.2	ug/L	1.0	0.20		J
9/17/2025	8260	2509171444A	Trichlorofluoromethane (CFC 11)	39	ug/L	1.0	0.24		
9/17/2025	8260	2509171444A	Sulfur Dioxide	2.8	ug/L	NA	NA		J RB TIC FB
9/17/2025	8260	2509171444A	Ethylene Oxide	2.8	ug/L	NA	NA		J TIC
9/17/2025	8260	2509171444A	1,1,2-Trichloro-1,2,2-Trifluoroethane	31	ug/L	1.0	0.20		
9/17/2025	8260	2509171444A	Carbon Dioxide	94	ug/L	NA	NA		J RB TIC FB
9/17/2025	8260	2509171444A	Trichloroethene (TCE)	12	ug/L	1.0	0.20		
9/17/2025	8260	2509171444A	Dichlorofluoromethane (CFC 21)	0.68	ug/L	1.0	0.20		J
9/17/2025	8260	2509171446A	Carbon Dioxide	94	ug/L	NA	NA		J RB TIC FB
9/17/2025	8260	2509171446A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.21	ug/L	1.0	0.20		J
9/17/2025	8260	2509171446A	Trichlorofluoromethane (CFC 11)	37	ug/L	1.0	0.24		
9/17/2025	8260	2509171446A	Trichloroethene (TCE)	12	ug/L	1.0	0.20		
9/17/2025	8260	2509171446A	Dichlorofluoromethane (CFC 21)	0.71	ug/L	1.0	0.20		J
9/17/2025	8260	2509171446A	1,1,2-Trichloro-1,2,2-Trifluoroethane	29	ug/L	1.0	0.20		
9/17/2025	8260	2509171446A	Sulfur Dioxide	2	ug/L	NA	NA		J RB TIC FB
9/17/2025	607	2509171447A	Bromacil	0.06	µg/L	0.0094	0.0047	145	
9/17/2025	METALS	2509171449A	Manganese, Total	0.015	mg/L	0.010	NA		
9/17/2025	METALS	2509171449A	Zinc, Total	0.023	mg/L	0.020	NA		FB
9/17/2025	METALS	2509171449A	Vanadium, Total	0.005	mg/L	0.050	0.0007		J
9/17/2025	METALS	2509171449A	Thallium, Total	0.00007	mg/L	0.0010	0.00004		J
9/17/2025	METALS	2509171449A	Strontium, Total	0.5	mg/L	0.10	NA		
9/17/2025	METALS	2509171449A	Sodium, Total	8.1	mg/L	1.0	NA		
9/17/2025	METALS	2509171449A	Potassium, Total	3.7	mg/L	2.0	NA		
9/17/2025	METALS	2509171449A	Nickel, Total	0.022	mg/L	0.040	0.003		J
9/17/2025	METALS	2509171449A	Molybdenum, Total	0.005	mg/L	0.025	0.003		J
9/17/2025	METALS	2509171449A	Iron, Total	0.98	mg/L	0.10	NA		FB
9/17/2025	METALS	2509171449A	Copper, Total	0.006	mg/L	0.020	0.004		J
9/17/2025	METALS	2509171449A	Chromium, Total	0.005	mg/L	0.010	0.002		J
9/17/2025	METALS	2509171449A	Calcium, Total	48.8	mg/L	1.0	NA		
9/17/2025	METALS	2509171449A	Boron, Total	0.03	mg/L	0.20	0.02		J
9/17/2025	METALS	2509171449A	Barium, Total	0.064	mg/L	0.020	NA		
9/17/2025	METALS	2509171449A	Arsenic, Total	0.0014	mg/L	0.0010	NA		
9/17/2025	METALS	2509171449A	Aluminum, Total	0.82	mg/L	0.10	NA		
9/17/2025	METALS	2509171449A	Antimony, Total	0.0059	mg/L	0.0010	NA		
9/17/2025	METALS	2509171449A	Magnesium, Total	11.3	mg/L	1.0	NA		

Analytical Results for Sampling Events at 200-LV-150

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/14/2025	8260	2510141346C	Trichloroethene (TCE)	0.3	ug/L	1.0	0.20		J
10/14/2025	8260	2510141346C	Trimethylsilyl fluoride	1.5	ug/L	NA	NA		J TIC
10/14/2025	8260	2510141346C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	3.7	ug/L	1.0	0.20		
10/14/2025	8260	2510141346C	1,1,2-Trichloro-1,2,2-Trifluoroethane	12	ug/L	1.0	0.20		
10/14/2025	8260	2510141346C	Carbon Dioxide	90	ug/L	NA	NA		J RB TIC FB
10/14/2025	METALS	2510141350C	Magnesium, Total	104	mg/L	1.0	0.03		
10/14/2025	METALS	2510141350C	Zinc, Total	0.018	mg/L	0.020	0.003		J FB
10/14/2025	METALS	2510141350C	Vanadium, Total	0.002	mg/L	0.050	0.0007		J FB
10/14/2025	METALS	2510141350C	Strontium, Total	2.64	mg/L	0.10	0.002		FB
10/14/2025	METALS	2510141350C	Sodium, Total	32.5	mg/L	1.0	0.5		FB
10/14/2025	METALS	2510141350C	Potassium, Total	6.6	mg/L	2.0	0.4		FB
10/14/2025	METALS	2510141350C	Nickel, Total	0.036	mg/L	0.040	0.003		J FB
10/14/2025	METALS	2510141350C	Molybdenum, Total	0.008	mg/L	0.025	0.003		J FB
10/14/2025	METALS	2510141350C	Iron, Total	0.84	mg/L	0.10	0.07		
10/14/2025	METALS	2510141350C	Antimony, Total	0.0008	mg/L	0.0010	0.0002		J
10/14/2025	METALS	2510141350C	Aluminum, Total	0.35	mg/L	0.10	0.03		
10/14/2025	METALS	2510141350C	Arsenic, Total	0.0099	mg/L	0.0010	0.0004		
10/14/2025	METALS	2510141350C	Barium, Total	0.048	mg/L	0.020	0.003		FB
10/14/2025	METALS	2510141350C	Boron, Total	0.1	mg/L	0.20	0.02		J FB
10/14/2025	METALS	2510141350C	Calcium, Total	168	mg/L	1.0	0.3		FB
10/14/2025	METALS	2510141350C	Chromium, Total	0.012	mg/L	0.010	0.002		
10/14/2025	METALS	2510141350C	Cobalt, Total	0.003	mg/L	0.050	0.0009		J
10/14/2025	METALS	2510141350C	Manganese, Total	0.071	mg/L	0.010	0.004		FB

Analytical Results for Sampling Events at 200-SG-1

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/15/2025	8260	2509151047A	1,1-Dichloroethene	1.1	ug/L	1.0	0.20		
9/15/2025	8260	2509151047A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	7.7	ug/L	1.0	0.20		
9/15/2025	8260	2509151047A	Silane, methoxytrimethyl-	1.2	ug/L	NA	NA		J TIC
9/15/2025	8260	2509151047A	Sulfur Dioxide	1.6	ug/L	NA	NA		J RB TIC FB
9/15/2025	8260	2509151047A	Trimethylsilyl fluoride	8.6	ug/L	NA	NA		J TIC
9/15/2025	8260	2509151047A	Ethene, chlorotrifluoro-	6.7	ug/L	NA	NA		J TIC
9/15/2025	8260	2509151047A	Carbon Dioxide	97	ug/L	NA	NA		J RB TIC FB
9/15/2025	8260	2509151047A	Dichlorodifluoromethane (CFC 12)	3.3	ug/L	1.0	0.21		
9/15/2025	8260	2509151047A	1,1,2-Trichloro-1,2,2-Trifluoroethane	86	ug/L	1.0	0.20		D
9/15/2025	8260	2509151047A	Trichlorofluoromethane (CFC 11)	11	ug/L	1.0	0.24		
9/15/2025	8260	2509151047A	Trichloroethene (TCE)	100	ug/L	1.0	0.20		
9/15/2025	8260	2509151047A	Tetrachloroethene (PCE)	3.7	ug/L	1.0	0.21		
9/15/2025	8260	2509151047A	Dichlorofluoromethane (CFC 21)	2	ug/L	1.0	0.20		
9/15/2025	607	2509151050A	Bromacil	0.05	µg/L	0.0095	0.0048	145	
9/15/2025	METALS	2509151058A	Molybdenum, Total	0.014	mg/L	0.025	0.003		J
9/15/2025	METALS	2509151058A	Nickel, Total	0.022	mg/L	0.040	0.003		J
9/15/2025	METALS	2509151058A	Zinc, Total	0.004	mg/L	0.020	0.003		J
9/15/2025	METALS	2509151058A	Thallium, Total	0.00005	mg/L	0.0010	0.00004		J
9/15/2025	METALS	2509151058A	Strontium, Total	2.31	mg/L	0.10	0.002		
9/15/2025	METALS	2509151058A	Potassium, Total	3	mg/L	2.0	0.4		
9/15/2025	METALS	2509151058A	Aluminum, Total	0.05	mg/L	0.10	0.03		J
9/15/2025	METALS	2509151058A	Magnesium, Total	64.7	mg/L	1.0	0.03		
9/15/2025	METALS	2509151058A	Sodium, Total	39.1	mg/L	1.0	0.5		
9/15/2025	METALS	2509151058A	Iron, Total	0.08	mg/L	0.10	0.07		J
9/15/2025	METALS	2509151058A	Calcium, Total	112	mg/L	1.0	0.3		
9/15/2025	METALS	2509151058A	Boron, Total	0.09	mg/L	0.20	0.02		J
9/15/2025	METALS	2509151058A	Barium, Total	0.027	mg/L	0.020	0.003		
9/15/2025	METALS	2509151058A	Manganese, Total	0.006	mg/L	0.010	0.004		J
9/15/2025	ANIONS	2509151101A	Sulfate	347	mg/L	20	4		
9/15/2025	ANIONS	2509151101A	Fluoride, undistilled	1.33	mg/L	0.10	0.010		
9/15/2025	ANIONS	2509151101A	Alkalinity, Total as CaCO3	287	mg/L	2.0	1.8		
9/15/2025	ANIONS	2509151101A	Chloride	49.5	mg/L	2.0	0.5		
9/15/2025	SM2540C	2509151103A	Total Dissolved Solids (TDS)	878	mg/L	10	9		
9/15/2025	6850	2509151105A	Perchlorate	0.13	ug/L	0.20	0.10		J
9/15/2025	353.2	2509151107A	Nitrate+Nitrite as Nitrogen	0.292	mg/L	0.050	0.002		

Analytical Results for Sampling Events at 300-A-120

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/15/2025	8260	2509151422A	Trichlorofluoromethane (CFC 11)	90	ug/L	1.0	0.24		
9/15/2025	8260	2509151422A	Carbon Dioxide	94	ug/L	NA	NA		J RB TIC FB
9/15/2025	8260	2509151422A	1,1,2-Trichloro-1,2,2-Trifluoroethane	4	ug/L	1.0	0.20		
9/15/2025	8260	2509151422A	Sulfur Dioxide	1.3	ug/L	NA	NA		J RB TIC FB
9/15/2025	8260	2509151422A	Trichloroethene (TCE)	0.25	ug/L	1.0	0.20		J
9/15/2025	8260	2509151423A	Carbon Dioxide	97	ug/L	NA	NA		J RB TIC FB
9/15/2025	8260	2509151423A	Trimethylsilyl fluoride	1.6	ug/L	NA	NA		J TIC
9/15/2025	8260	2509151423A	Trichlorofluoromethane (CFC 11)	92	ug/L	1.0	0.24		
9/15/2025	8260	2509151423A	Trichloroethene (TCE)	0.23	ug/L	1.0	0.20		J
9/15/2025	8260	2509151423A	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.2	ug/L	1.0	0.20		
9/15/2025	8260	2509151423A	Sulfur Dioxide	1.6	ug/L	NA	NA		J RB TIC FB
9/15/2025	8260	2509151423A	Hydrogen azide	1.3	ug/L	NA	NA		J TIC
9/15/2025	607	2509151425A	N-Nitrodimethylamine	2.17	µg/L	0.0096	0.0048	104	
9/15/2025	607	2509151425A	Bromacil	0.34	µg/L	0.0096	0.0048	145	
9/15/2025	607	2509151425A	N-Nitrosodimethylamine	0.95	µg/L	0.0096	0.0048	65	
9/15/2025	METALS	2509151429A	Antimony, Total	0.003	mg/L	0.0010	0.0002		
9/15/2025	METALS	2509151429A	Nickel, Total	0.249	mg/L	0.040	0.003		
9/15/2025	METALS	2509151429A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
9/15/2025	METALS	2509151429A	Strontium, Total	1.43	mg/L	0.10	0.002		
9/15/2025	METALS	2509151429A	Sodium, Total	41.6	mg/L	1.0	0.5		
9/15/2025	METALS	2509151429A	Potassium, Total	2.1	mg/L	2.0	0.4		
9/15/2025	METALS	2509151429A	Magnesium, Total	44.4	mg/L	1.0	0.03		
9/15/2025	METALS	2509151429A	Chromium, Total	0.021	mg/L	0.010	0.002		
9/15/2025	METALS	2509151429A	Calcium, Total	57.9	mg/L	1.0	0.3		
9/15/2025	METALS	2509151429A	Boron, Total	0.12	mg/L	0.20	0.02		J
9/15/2025	METALS	2509151429A	Barium, Total	0.049	mg/L	0.020	0.003		
9/15/2025	METALS	2509151429A	Molybdenum, Total	0.014	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at 300-C-128

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/14/2025	8260	2510141001C	Trichlorofluoromethane (CFC 11)	260	ug/L	2.5	0.60		D
10/14/2025	8260	2510141001C	Carbon Dioxide	84	ug/L	NA	NA		J RB TIC FB
10/14/2025	8260	2510141001C	Trichloroethene (TCE)	1.9	ug/L	1.0	0.20		
10/14/2025	8260	2510141001C	Dichlorofluoromethane (CFC 21)	0.36	ug/L	1.0	0.20		J
10/14/2025	8260	2510141001C	1,1,2-Trichloro-1,2,2-Trifluoroethane	32	ug/L	1.0	0.20		
10/14/2025	8260	2510141001C	Carbon Dioxide	410	ug/L	NA	NA		D J RB TIC
10/14/2025	607	2510141003C	Bromacil	1.17	µg/L	0.01	0.0051	168	
10/14/2025	607	2510141003C	N-Nitrosodimethylamine	2.69	µg/L	0.01	0.0051	69	
10/14/2025	607	2510141003C	N-Nitrodimethylamine	4.4	µg/L	0.01	0.0051	103	
10/14/2025	METALS	2510141004C	Potassium, Total	2.6	mg/L	2.0	0.4		
10/14/2025	METALS	2510141004C	Zinc, Total	0.011	mg/L	0.020	0.003		J
10/14/2025	METALS	2510141004C	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
10/14/2025	METALS	2510141004C	Strontium, Total	3.66	mg/L	0.10	0.002		
10/14/2025	METALS	2510141004C	Sodium, Total	44.6	mg/L	1.0	0.5		
10/14/2025	METALS	2510141004C	Nickel, Total	0.179	mg/L	0.040	0.003		
10/14/2025	METALS	2510141004C	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
10/14/2025	METALS	2510141004C	Magnesium, Total	66.5	mg/L	1.0	0.03		
10/14/2025	METALS	2510141004C	Calcium, Total	99	mg/L	1.0	0.3		
10/14/2025	METALS	2510141004C	Barium, Total	0.032	mg/L	0.020	0.003		
10/14/2025	METALS	2510141004C	Boron, Total	0.12	mg/L	0.20	0.02		J
10/14/2025	ANIONS	2510141005C	Alkalinity, Total as CaCO3	249	mg/L	2.0	1.8		
10/14/2025	ANIONS	2510141005C	Chloride	52	mg/L	2.0	0.5		
10/14/2025	ANIONS	2510141005C	Fluoride, undistilled	0.74	mg/L	0.10	0.010		
10/14/2025	ANIONS	2510141005C	Sulfate	267	mg/L	20	4		
10/14/2025	SM2540C	2510141006C	Total Dissolved Solids (TDS)	779	mg/L	13	12		
10/14/2025	6850	2510141007C	Perchlorate	0.71	ug/L	0.20	0.10		
10/14/2025	353.2	2510141008C	Nitrate+Nitrite as Nitrogen	4.88	mg/L	0.50	0.02		

Analytical Results for Sampling Events at 300-D-153

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/18/2025	8260	2509181101C	Trimethylsilyl fluoride	1.6	ug/L	NA	NA		* J TIC
9/18/2025	8260	2509181101C	Carbon Dioxide	110	ug/L	NA	NA		* J TIC FB T
9/18/2025	8260	2509181101C	Trichlorofluoromethane (CFC 11)	3.6	ug/L	1.0	0.24		*
9/18/2025	8260	2509181101C	1,1,2-Trichloro-1,2,2-Trifluoroethane	1.8	ug/L	1.0	0.20		*
9/18/2025	607	2509181102C	Bromacil	0.01	µg/L	0.0096	0.0048	150	
9/18/2025	METALS	2509181104C	Sodium, Total	37.9	mg/L	1.0	0.5		
9/18/2025	METALS	2509181104C	Zinc, Total	0.004	mg/L	0.020	0.003		J
9/18/2025	METALS	2509181104C	Strontium, Total	2.74	mg/L	0.10	0.002		
9/18/2025	METALS	2509181104C	Potassium, Total	5.1	mg/L	2.0	0.4		
9/18/2025	METALS	2509181104C	Nickel, Total	0.046	mg/L	0.040	0.003		
9/18/2025	METALS	2509181104C	Magnesium, Total	82.5	mg/L	1.0	0.03		
9/18/2025	METALS	2509181104C	Calcium, Total	110	mg/L	1.0	0.3		
9/18/2025	METALS	2509181104C	Boron, Total	0.13	mg/L	0.20	0.02		J
9/18/2025	METALS	2509181104C	Barium, Total	0.026	mg/L	0.020	0.003		
9/18/2025	METALS	2509181104C	Molybdenum, Total	0.011	mg/L	0.025	0.003		J
9/18/2025	METALS	2509181104C	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
9/18/2025	METALS	2509181105C	Calcium, Total	111	mg/L	1.0	0.3		
9/18/2025	METALS	2509181105C	Zinc, Total	0.008	mg/L	0.020	0.003		J
9/18/2025	METALS	2509181105C	Thallium, Total	0.0001	mg/L	0.0010	0.00004		J
9/18/2025	METALS	2509181105C	Strontium, Total	2.75	mg/L	0.10	0.002		
9/18/2025	METALS	2509181105C	Sodium, Total	37.9	mg/L	1.0	0.5		
9/18/2025	METALS	2509181105C	Potassium, Total	5.1	mg/L	2.0	0.4		
9/18/2025	METALS	2509181105C	Nickel, Total	0.042	mg/L	0.040	0.003		
9/18/2025	METALS	2509181105C	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
9/18/2025	METALS	2509181105C	Iron, Total	0.23	mg/L	0.10	0.07		
9/18/2025	METALS	2509181105C	Boron, Total	0.13	mg/L	0.20	0.02		J
9/18/2025	METALS	2509181105C	Barium, Total	0.026	mg/L	0.020	0.003		
9/18/2025	METALS	2509181105C	Magnesium, Total	82.8	mg/L	1.0	0.03		

Analytical Results for Sampling Events at 400-D-195

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/6/2025	8260_LL	2508070850Y	Trimethylsilyl fluoride	1.6	ug/L	NA	NA		J TIC
8/6/2025	8260_LL	2508070850Y	Methane, trimethoxy-	1.6	ug/L	NA	NA		J TIC
8/6/2025	METALS	2508071000Y	Sodium, Total	54.3	mg/L	1.0	0.5		
8/6/2025	METALS	2508071000Y	Zinc, Total	0.003	mg/L	0.020	0.003		J
8/6/2025	METALS	2508071000Y	Strontium, Total	1.01	mg/L	0.10	0.002		
8/6/2025	METALS	2508071000Y	Potassium, Total	1.6	mg/L	2.0	0.4		J
8/6/2025	METALS	2508071000Y	Nickel, Total	0.012	mg/L	0.040	0.003		J
8/6/2025	METALS	2508071000Y	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
8/6/2025	METALS	2508071000Y	Manganese, Total	0.008	mg/L	0.010	0.004		J
8/6/2025	METALS	2508071000Y	Magnesium, Total	14	mg/L	1.0	0.03		
8/6/2025	METALS	2508071000Y	Calcium, Total	19.7	mg/L	1.0	0.3		
8/6/2025	METALS	2508071000Y	Boron, Total	0.1	mg/L	0.20	0.02		J
8/6/2025	METALS	2508071000Y	Barium, Total	0.011	mg/L	0.020	0.003		J
8/6/2025	METALS	2508071000Y	Vanadium, Total	0.0007	mg/L	0.050	0.0007		J

Analytical Results for Sampling Events at 400-D-275

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/6/2025	8260_LL	2508061050Y	Acrylonitrile	2.4	ug/L	5.0	0.90		J
8/6/2025	8260_LL	2508061050Y	Tetrahydrofuran (THF)	6.7	ug/L	5.0	0.77		
8/6/2025	8260_LL	2508061050Y	Benzene, 1-bromo-3-fluoro-	33	ug/L	NA	NA		J TIC
8/6/2025	METALS	2508061330Y	Barium, Total	0.017	mg/L	0.020	0.003		J
8/6/2025	METALS	2508061330Y	Nickel, Total	0.012	mg/L	0.040	0.003		J
8/6/2025	METALS	2508061330Y	Strontium, Total	2	mg/L	0.10	0.002		
8/6/2025	METALS	2508061330Y	Sodium, Total	86	mg/L	1.0	0.5		
8/6/2025	METALS	2508061330Y	Potassium, Total	2	mg/L	2.0	0.4		
8/6/2025	METALS	2508061330Y	Molybdenum, Total	0.019	mg/L	0.025	0.003		J RB
8/6/2025	METALS	2508061330Y	Manganese, Total	0.016	mg/L	0.010	0.004		
8/6/2025	METALS	2508061330Y	Magnesium, Total	20	mg/L	1.0	0.03		
8/6/2025	METALS	2508061330Y	Boron, Total	0.34	mg/L	0.20	0.02		
8/6/2025	METALS	2508061330Y	Calcium, Total	32.4	mg/L	1.0	0.3		

Analytical Results for Sampling Events at 400-D-355

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/5/2025	8260_LL	2508051430Y	Acrylonitrile	1.2	ug/L	5.0	0.90		J
8/5/2025	METALS	2508060845Y	Nickel, Total	0.014	mg/L	0.040	0.003		J
8/5/2025	METALS	2508060845Y	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
8/5/2025	METALS	2508060845Y	Strontium, Total	2.27	mg/L	0.10	0.002		
8/5/2025	METALS	2508060845Y	Sodium, Total	89	mg/L	1.0	0.5		
8/5/2025	METALS	2508060845Y	Calcium, Total	34	mg/L	1.0	0.3		
8/5/2025	METALS	2508060845Y	Potassium, Total	1.9	mg/L	2.0	0.4		J
8/5/2025	METALS	2508060845Y	Zinc, Total	0.019	mg/L	0.020	0.003		J
8/5/2025	METALS	2508060845Y	Manganese, Total	0.017	mg/L	0.010	0.004		
8/5/2025	METALS	2508060845Y	Iron, Total	0.08	mg/L	0.10	0.07		J
8/5/2025	METALS	2508060845Y	Boron, Total	0.37	mg/L	0.20	0.02		
8/5/2025	METALS	2508060845Y	Barium, Total	0.014	mg/L	0.020	0.003		J
8/5/2025	METALS	2508060845Y	Aluminum, Total	0.11	mg/L	0.10	0.03		
8/5/2025	METALS	2508060845Y	Magnesium, Total	18.1	mg/L	1.0	0.03		
8/5/2025	METALS	2508060845Y	Molybdenum, Total	0.013	mg/L	0.025	0.003		J
8/5/2025	METALS	2508060846Y	Manganese, Total	0.018	mg/L	0.010	0.004		
8/5/2025	METALS	2508060846Y	Zinc, Total	0.016	mg/L	0.020	0.003		J
8/5/2025	METALS	2508060846Y	Vanadium, Total	0.0009	mg/L	0.050	0.0007		J
8/5/2025	METALS	2508060846Y	Strontium, Total	2.26	mg/L	0.10	0.002		
8/5/2025	METALS	2508060846Y	Sodium, Total	88.5	mg/L	1.0	0.5		
8/5/2025	METALS	2508060846Y	Potassium, Total	1.9	mg/L	2.0	0.4		J
8/5/2025	METALS	2508060846Y	Molybdenum, Total	0.013	mg/L	0.025	0.003		J
8/5/2025	METALS	2508060846Y	Magnesium, Total	17.9	mg/L	1.0	0.03		
8/5/2025	METALS	2508060846Y	Iron, Total	0.09	mg/L	0.10	0.07		J
8/5/2025	METALS	2508060846Y	Calcium, Total	33.7	mg/L	1.0	0.3		
8/5/2025	METALS	2508060846Y	Boron, Total	0.37	mg/L	0.20	0.02		
8/5/2025	METALS	2508060846Y	Barium, Total	0.014	mg/L	0.020	0.003		J
8/5/2025	METALS	2508060846Y	Aluminum, Total	0.11	mg/L	0.10	0.03		
8/5/2025	METALS	2508060846Y	Nickel, Total	0.014	mg/L	0.040	0.003		J
8/5/2025	ANIONS	2508060847Y	Alkalinity, Total as CaCO3	89.4	mg/L	2.0	1.8		
8/5/2025	ANIONS	2508060847Y	Chloride	20.1	mg/L	2.0	0.5		
8/5/2025	ANIONS	2508060847Y	Fluoride, undistilled	0.46	mg/L	0.10	0.010		
8/5/2025	ANIONS	2508060847Y	Sulfate	228	mg/L	20	4		
8/5/2025	SM2540C	2508060848Y	Total Dissolved Solids (TDS)	459	mg/L	10	9		

Analytical Results for Sampling Events at 400-EV-131

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/11/2025	8260	2508111030B	Dichlorofluoromethane (CFC 21)	0.41	ug/L	1.0	0.20		J
8/11/2025	8260	2508111030B	Trimethylsilyl fluoride	3.3	ug/L	NA	NA		J TIC
8/11/2025	8260	2508111030B	1,1,2-Trichloro-1,2,2-Trifluoroethane	86	ug/L	1.0	0.20		
8/11/2025	8260	2508111030B	Trichloroethene (TCE)	1.3	ug/L	1.0	0.20		
8/11/2025	8260	2508111030B	Trichlorofluoromethane (CFC 11)	290	ug/L	5.0	1.2		D
8/11/2025	607	2508111032B	N-Nitrosodimethylamine	0.47	µg/L	0.0097	0.0049	52	
8/11/2025	607	2508111032B	N-Nitrodimethylamine	1.34	µg/L	0.0097	0.0049	88	
8/11/2025	607	2508111032B	Bromacil	2.61	µg/L	0.0097	0.0049	124	
8/11/2025	METALS	2508111033B	Thallium, Total	0.00004	mg/L	0.0010	0.00004		J
8/11/2025	METALS	2508111033B	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
8/11/2025	METALS	2508111033B	Strontium, Total	4.11	mg/L	0.10	0.002		
8/11/2025	METALS	2508111033B	Sodium, Total	97.2	mg/L	1.0	0.5		
8/11/2025	METALS	2508111033B	Potassium, Total	4.3	mg/L	2.0	0.4		
8/11/2025	METALS	2508111033B	Nickel, Total	0.064	mg/L	0.040	0.003		
8/11/2025	METALS	2508111033B	Magnesium, Total	80.7	mg/L	1.0	0.03		
8/11/2025	METALS	2508111033B	Calcium, Total	105	mg/L	1.0	0.3		
8/11/2025	METALS	2508111033B	Boron, Total	0.24	mg/L	0.20	0.02		
8/11/2025	METALS	2508111033B	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
8/11/2025	METALS	2508111033B	Barium, Total	0.03	mg/L	0.020	0.003		
8/11/2025	METALS	2508111033B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at 400-FV-131

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/15/2025	8260	2510151401C	Carbon Dioxide	92	ug/L	NA	NA		J RB TIC
10/15/2025	8260	2510151401C	Dichlorofluoromethane (CFC 21)	2.6	ug/L	1.0	0.20		
10/15/2025	8260	2510151401C	Trichlorofluoromethane (CFC 11)	8	ug/L	1.0	0.24		
10/15/2025	8260	2510151401C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	3.6	ug/L	1.0	0.20		
10/15/2025	8260	2510151401C	1,1,2-Trichloro-1,2,2-Trifluoroethane	16	ug/L	1.0	0.20		
10/15/2025	607	2510151403C	Bromacil	0.008	µg/L	0.01	0.0051	168	J
10/15/2025	607	2510151403C	N-Nitrosodimethylamine	0.31	µg/L	0.01	0.0051	69	
10/15/2025	607	2510151403C	N-Nitrodimethylamine	0.1	µg/L	0.01	0.0051	103	
10/15/2025	607	2510151404C	N-Nitrosodimethylamine	0.37	µg/L	0.01	0.0051	69	
10/15/2025	607	2510151404C	N-Nitrodimethylamine	0.11	µg/L	0.01	0.0051	103	
10/15/2025	607	2510151404C	Bromacil	0.006	µg/L	0.01	0.0051	168	J
10/15/2025	METALS	2510151405C	Nickel, Total	0.025	mg/L	0.040	0.003		J
10/15/2025	METALS	2510151405C	Vanadium, Total	0.0008	mg/L	0.050	0.0007		J
10/15/2025	METALS	2510151405C	Thallium, Total	0.00006	mg/L	0.0010	0.00004		J
10/15/2025	METALS	2510151405C	Strontium, Total	1.28	mg/L	0.10	0.002		
10/15/2025	METALS	2510151405C	Sodium, Total	108	mg/L	1.0	0.5		
10/15/2025	METALS	2510151405C	Potassium, Total	1.9	mg/L	2.0	0.4		J
10/15/2025	METALS	2510151405C	Magnesium, Total	58	mg/L	1.0	0.03		
10/15/2025	METALS	2510151405C	Chromium, Total	0.002	mg/L	0.010	0.002		J
10/15/2025	METALS	2510151405C	Calcium, Total	69.8	mg/L	1.0	0.3		
10/15/2025	METALS	2510151405C	Boron, Total	0.2	mg/L	0.20	0.02		J
10/15/2025	METALS	2510151405C	Barium, Total	0.032	mg/L	0.020	0.003		
10/15/2025	METALS	2510151405C	Arsenic, Total	0.0014	mg/L	0.0010	0.0004		
10/15/2025	METALS	2510151405C	Molybdenum, Total	0.009	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at 400-GV-125

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/18/2025	8260	2508181400A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.8	ug/L	1.0	0.20		
8/18/2025	8260	2508181400A	Silane, methoxytrimethyl-	2.2	ug/L	NA	NA		J TIC FB
8/18/2025	8260	2508181400A	Trichlorofluoromethane (CFC 11)	25	ug/L	1.0	0.24		A
8/18/2025	8260	2508181400A	Dichlorofluoromethane (CFC 21)	1.8	ug/L	1.0	0.20		A
8/18/2025	8260	2508181400A	1,1,2-Trichloro-1,2,2-Trifluoroethane	12	ug/L	1.0	0.20		
8/18/2025	607	2508181410A	N-Nitrodimethylamine	0.25	µg/L	0.0098	0.0049	88	
8/18/2025	607	2508181410A	Bromacil	0.14	µg/L	0.0098	0.0049	120	
8/18/2025	607	2508181410A	N-Nitrosodimethylamine	0.2	µg/L	0.0098	0.0049	56	
8/18/2025	607	2508181415A	N-Nitrosodimethylamine	0.21	µg/L	0.0095	0.0048	56	
8/18/2025	607	2508181415A	N-Nitrodimethylamine	0.27	µg/L	0.0095	0.0048	88	
8/18/2025	607	2508181415A	Bromacil	0.15	µg/L	0.0095	0.0048	120	
8/18/2025	METALS	2508181420A	Nickel, Total	0.028	mg/L	0.040	0.003		J
8/18/2025	METALS	2508181420A	Sodium, Total	104	mg/L	1.0	0.5		
8/18/2025	METALS	2508181420A	Strontium, Total	1.5	mg/L	0.10	0.002		
8/18/2025	METALS	2508181420A	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
8/18/2025	METALS	2508181420A	Potassium, Total	2.1	mg/L	2.0	0.4		
8/18/2025	METALS	2508181420A	Magnesium, Total	57.7	mg/L	1.0	0.03		
8/18/2025	METALS	2508181420A	Calcium, Total	89.8	mg/L	1.0	0.3		
8/18/2025	METALS	2508181420A	Boron, Total	0.19	mg/L	0.20	0.02		J
8/18/2025	METALS	2508181420A	Barium, Total	0.023	mg/L	0.020	0.003		
8/18/2025	METALS	2508181420A	Arsenic, Total	0.0008	mg/L	0.0010	0.0004		J
8/18/2025	METALS	2508181420A	Molybdenum, Total	0.008	mg/L	0.025	0.003		J
8/18/2025	METALS	2508181420A	Thallium, Total	0.00008	mg/L	0.0010	0.00004		J

Analytical Results for Sampling Events at 400-HV-147

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/16/2025	8260	2510161401C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.73	ug/L	1.0	0.20		J
10/16/2025	8260	2510161401C	Chloroform	0.83	ug/L	1.0	0.51		J
10/16/2025	8260	2510161401C	1,1,2-Trichloro-1,2,2-Trifluoroethane	31	ug/L	1.0	0.20		Q
10/16/2025	8260	2510161401C	1-Methyl-1H-1,2,4-triazole	2.4	ug/L	NA	NA		J TIC
10/16/2025	8260	2510161401C	Carbon Dioxide	87	ug/L	NA	NA		J RB TIC FB
10/16/2025	8260	2510161401C	Trichlorofluoromethane (CFC 11)	75	ug/L	1.0	0.24		Q
10/16/2025	8260	2510161401C	Dichlorofluoromethane (CFC 21)	2.8	ug/L	1.0	0.20		
10/16/2025	8260	2510161401C	Propanoic acid, anhydride	2.6	ug/L	NA	NA		J TIC
10/16/2025	8260	2510161403C	1-Methyl-1H-1,2,4-triazole	2.3	ug/L	NA	NA		J TIC
10/16/2025	8260	2510161403C	Trichlorofluoromethane (CFC 11)	83	ug/L	1.0	0.24		Q
10/16/2025	8260	2510161403C	Dichlorofluoromethane (CFC 21)	3.1	ug/L	1.0	0.20		
10/16/2025	8260	2510161403C	Chloroform	0.86	ug/L	1.0	0.51		J
10/16/2025	8260	2510161403C	1,1,2-Trichloro-1,2,2-Trifluoroethane	34	ug/L	1.0	0.20		Q
10/16/2025	8260	2510161403C	Propanoic acid, anhydride	2.8	ug/L	NA	NA		J TIC
10/16/2025	8260	2510161403C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.82	ug/L	1.0	0.20		J
10/16/2025	8260	2510161403C	Trichloroethene (TCE)	0.26	ug/L	1.0	0.20		J
10/16/2025	8260	2510161403C	Carbon Dioxide	89	ug/L	NA	NA		J RB TIC FB
10/16/2025	607	2510161404C	Bromacil	0.6	µg/L	0.01	0.0051	163	Q
10/16/2025	607	2510161404C	N-Nitrosodimethylamine	187.17	µg/L	1	0.51	89	D
10/16/2025	607	2510161404C	N-Nitrodimethylamine	374.95	µg/L	1	0.51	125	D
10/16/2025	METALS	2510161405C	Chromium, Total	0.005	mg/L	0.010	0.002		J
10/16/2025	METALS	2510161405C	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
10/16/2025	METALS	2510161405C	Thallium, Total	0.00005	mg/L	0.0010	0.00004		J
10/16/2025	METALS	2510161405C	Strontium, Total	6.44	mg/L	0.10	0.002		
10/16/2025	METALS	2510161405C	Sodium, Total	144	mg/L	1.0	0.5		
10/16/2025	METALS	2510161405C	Potassium, Total	4.5	mg/L	2.0	0.4		
10/16/2025	METALS	2510161405C	Zinc, Total	0.006	mg/L	0.020	0.003		J
10/16/2025	METALS	2510161405C	Nickel, Total	0.041	mg/L	0.040	0.003		
10/16/2025	METALS	2510161405C	Cobalt, Total	0.002	mg/L	0.050	0.0009		J
10/16/2025	METALS	2510161405C	Calcium, Total	147	mg/L	1.0	0.3		
10/16/2025	METALS	2510161405C	Boron, Total	0.9	mg/L	0.20	0.02		
10/16/2025	METALS	2510161405C	Barium, Total	0.077	mg/L	0.020	0.003		
10/16/2025	METALS	2510161405C	Arsenic, Total	0.0012	mg/L	0.0010	0.0004		
10/16/2025	METALS	2510161405C	Antimony, Total	0.0048	mg/L	0.0010	0.0002		
10/16/2025	METALS	2510161405C	Magnesium, Total	122	mg/L	1.0	0.03		
10/16/2025	METALS	2510161405C	Molybdenum, Total	0.006	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at 400-IV-123

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/15/2025	8260	2510150921C	Dichlorofluoromethane (CFC 21)	1.1	ug/L	1.0	0.20		
10/15/2025	8260	2510150921C	Trichlorofluoromethane (CFC 11)	130	ug/L	1.0	0.24		
10/15/2025	8260	2510150921C	1,1,2-Trichloro-1,2,2-Trifluoroethane	2.8	ug/L	1.0	0.20		
10/15/2025	8260	2510150921C	Carbon Dioxide	76	ug/L	NA	NA		J RB TIC FB
10/15/2025	607	2510150923C	N-Nitrodimethylamine	0.04	µg/L	0.01	0.0051	103	
10/15/2025	607	2510150923C	Bromacil	0.01	µg/L	0.01	0.0051	168	
10/15/2025	METALS	2510150924C	Antimony, Total	0.0003	mg/L	0.0010	0.0002		J
10/15/2025	METALS	2510150924C	Molybdenum, Total	0.01	mg/L	0.025	0.003		J
10/15/2025	METALS	2510150924C	Strontium, Total	0.91	mg/L	0.10	0.002		
10/15/2025	METALS	2510150924C	Vanadium, Total	0.007	mg/L	0.050	0.0007		J
10/15/2025	METALS	2510150924C	Sodium, Total	31.1	mg/L	1.0	0.5		
10/15/2025	METALS	2510150924C	Potassium, Total	2.6	mg/L	2.0	0.4		
10/15/2025	METALS	2510150924C	Nickel, Total	0.018	mg/L	0.040	0.003		J
10/15/2025	METALS	2510150924C	Magnesium, Total	27.4	mg/L	1.0	0.03		
10/15/2025	METALS	2510150924C	Chromium, Total	0.014	mg/L	0.010	0.002		
10/15/2025	METALS	2510150924C	Calcium, Total	17.6	mg/L	1.0	0.3		
10/15/2025	METALS	2510150924C	Boron, Total	0.15	mg/L	0.20	0.02		J
10/15/2025	METALS	2510150924C	Arsenic, Total	0.0076	mg/L	0.0010	0.0004		
10/15/2025	METALS	2510150924C	Barium, Total	0.03	mg/L	0.020	0.003		

Analytical Results for Sampling Events at 400-JV-150

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/19/2025	8260	2508190955A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.46	ug/L	1.0	0.20		J
8/19/2025	8260	2508190955A	1,1,2-Trichloro-1,2,2-Trifluoroethane	170	ug/L	1.0	0.20		
8/19/2025	8260	2508190955A	Silane, methoxytrimethyl-	1.1	ug/L	NA	NA		J TIC
8/19/2025	8260	2508190955A	Propanoic acid, anhydride	4.9	ug/L	NA	NA		J TIC
8/19/2025	8260	2508190955A	Trichloroethene (TCE)	0.76	ug/L	1.0	0.20		J
8/19/2025	8260	2508190955A	Dichlorofluoromethane (CFC 21)	2.9	ug/L	1.0	0.20		A
8/19/2025	8260	2508190955A	Trichlorofluoromethane (CFC 11)	710	ug/L	5.0	1.2		A D
8/19/2025	607	2508191004A	N-Nitrosodimethylamine	1.82	µg/L	0.0097	0.0049	56	
8/19/2025	607	2508191004A	N-Nitrodimethylamine	4.49	µg/L	0.0097	0.0049	88	
8/19/2025	607	2508191004A	Bromacil	1	µg/L	0.0097	0.0049	120	
8/19/2025	METALS	2508191015A	Boron, Total	0.88	mg/L	0.20	0.02		
8/19/2025	METALS	2508191015A	Strontium, Total	3.74	mg/L	0.10	0.002		
8/19/2025	METALS	2508191015A	Sodium, Total	181	mg/L	1.0	0.5		
8/19/2025	METALS	2508191015A	Potassium, Total	4.9	mg/L	2.0	0.4		
8/19/2025	METALS	2508191015A	Nickel, Total	0.029	mg/L	0.040	0.003		J
8/19/2025	METALS	2508191015A	Molybdenum, Total	0.005	mg/L	0.025	0.003		J
8/19/2025	METALS	2508191015A	Calcium, Total	131	mg/L	1.0	0.3		
8/19/2025	METALS	2508191015A	Vanadium, Total	0.0009	mg/L	0.050	0.0007		J
8/19/2025	METALS	2508191015A	Barium, Total	0.033	mg/L	0.020	0.003		
8/19/2025	METALS	2508191015A	Magnesium, Total	102	mg/L	1.0	0.03		
8/19/2025	353.2	2508191025A	Nitrate+Nitrite as Nitrogen	10.4	mg/L	0.50	0.02		

Analytical Results for Sampling Events at 600A-004-GW

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/14/2025	8260	2510141305B	Carbon Dioxide	77	ug/L	NA	NA		J RB TIC
10/14/2025	8260	2510141305B	1,1,2-Trichloro-1,2,2-Trifluoroethane	53	ug/L	1.0	0.20		
10/14/2025	8260	2510141305B	1,1-Dichloroethene	0.29	ug/L	1.0	0.20		J
10/14/2025	8260	2510141305B	Carbon Tetrachloride	7.8	ug/L	1.0	0.34		
10/14/2025	8260	2510141305B	Trichloroethene (TCE)	25	ug/L	1.0	0.20		
10/14/2025	8260	2510141305B	Trichlorofluoromethane (CFC 11)	0.31	ug/L	1.0	0.24		J
10/14/2025	8260	2510141305B	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.7	ug/L	1.0	0.20		J
10/14/2025	607	2510141307B	Bromacil	6.96	µg/L	0.2	0.1	168	D
10/14/2025	METALS	2510141309B	Nickel, Total	0.03	mg/L	0.040	0.003		J
10/14/2025	METALS	2510141309B	Zinc, Total	0.016	mg/L	0.020	0.003		J
10/14/2025	METALS	2510141309B	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
10/14/2025	METALS	2510141309B	Strontium, Total	4.93	mg/L	0.10	0.002		
10/14/2025	METALS	2510141309B	Sodium, Total	202	mg/L	1.0	0.5		
10/14/2025	METALS	2510141309B	Selenium, Total	0.014	mg/L	0.010	0.007		
10/14/2025	METALS	2510141309B	Potassium, Total	5.2	mg/L	2.0	0.4		
10/14/2025	METALS	2510141309B	Boron, Total	1.16	mg/L	0.20	0.02		
10/14/2025	METALS	2510141309B	Aluminum, Total	0.03	mg/L	0.10	0.03		J
10/14/2025	METALS	2510141309B	Calcium, Total	147	mg/L	1.0	0.3		
10/14/2025	METALS	2510141309B	Magnesium, Total	90.5	mg/L	1.0	0.03		
10/14/2025	METALS	2510141309B	Barium, Total	0.037	mg/L	0.020	0.003		
10/14/2025	METALS	2510141309B	Arsenic, Total	0.0008	mg/L	0.0010	0.0004		J
10/14/2025	METALS	2510141309B	Antimony, Total	0.0007	mg/L	0.0010	0.0002		J
10/14/2025	METALS	2510141309B	Molybdenum, Total	0.015	mg/L	0.025	0.003		J
10/14/2025	ANIONS	2510141310B	Alkalinity, Total as CaCO3	216	mg/L	2.0	1.8		
10/14/2025	ANIONS	2510141310B	Chloride	179	mg/L	20	5		
10/14/2025	ANIONS	2510141310B	Fluoride, undistilled	1.41	mg/L	0.10	0.010		
10/14/2025	ANIONS	2510141310B	Sulfate	725	mg/L	20	4		
10/14/2025	SM2540C	2510141311B	Total Dissolved Solids (TDS)	1630	mg/L	23	21		
10/14/2025	6850	2510141312B	Perchlorate	1.6	ug/L	0.20	0.10		*
10/14/2025	353.2	2510141313B	Nitrate+Nitrite as Nitrogen	9.32	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
10/16/2025	8260	2510161400B	Carbon Dioxide	86	ug/L	NA	NA		J RB TIC FB
10/16/2025	METALS	2510161404B	Boron, Total	0.07	mg/L	0.20	0.02		J
10/16/2025	METALS	2510161404B	Magnesium, Total	50.6	mg/L	1.0	0.03		
10/16/2025	METALS	2510161404B	Molybdenum, Total	0.008	mg/L	0.025	0.003		J
10/16/2025	METALS	2510161404B	Nickel, Total	0.05	mg/L	0.040	0.003		
10/16/2025	METALS	2510161404B	Potassium, Total	2.8	mg/L	2.0	0.4		
10/16/2025	METALS	2510161404B	Sodium, Total	36	mg/L	1.0	0.5		
10/16/2025	METALS	2510161404B	Strontium, Total	1.8	mg/L	0.10	0.002		
10/16/2025	METALS	2510161404B	Vanadium, Total	0.005	mg/L	0.050	0.0007		J
10/16/2025	METALS	2510161404B	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
10/16/2025	METALS	2510161404B	Barium, Total	0.019	mg/L	0.020	0.003		J
10/16/2025	METALS	2510161404B	Calcium, Total	70.7	mg/L	1.0	0.3		
10/16/2025	ANIONS	2510161405B	Fluoride, undistilled	0.75	mg/L	0.10	0.010		
10/16/2025	ANIONS	2510161405B	Sulfate	189	mg/L	20	4		
10/16/2025	ANIONS	2510161405B	Alkalinity, Total as CaCO3	232	mg/L	2.0	1.8		
10/16/2025	ANIONS	2510161405B	Chloride	29.6	mg/L	2.0	0.5		
10/16/2025	SM2540C	2510161406B	Total Dissolved Solids (TDS)	563	mg/L	10	10		
10/16/2025	6850	2510161407B	Perchlorate	0.47	ug/L	0.20	0.10		
10/16/2025	353.2	2510161408B	Nitrate+Nitrite as Nitrogen	1.31	mg/L	0.050	0.002		

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
10/15/2025	8260	2510150951B	1,1,2-Trichloro-1,2,2-Trifluoroethane	24	ug/L	1.0	0.20		
10/15/2025	8260	2510150951B	1,1-Dichloroethene	0.2	ug/L	1.0	0.20		J
10/15/2025	8260	2510150951B	Chloroform	0.7	ug/L	1.0	0.51		J
10/15/2025	8260	2510150951B	Trichloroethene (TCE)	33	ug/L	1.0	0.20		
10/15/2025	8260	2510150951B	Trichlorofluoromethane (CFC 11)	0.38	ug/L	1.0	0.24		J
10/15/2025	8260	2510150951B	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.58	ug/L	1.0	0.20		J
10/15/2025	8260	2510150951B	Carbon Dioxide	81	ug/L	NA	NA		J RB TIC FB
10/15/2025	300.0	2510150953B	Chloride	131	mg/L	20	5		
10/15/2025	353.2	2510150954B	Nitrate+Nitrite as Nitrogen	9.49	mg/L	0.50	0.02		

Analytical Results for Sampling Events at 700-A-253

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/25/2025	8260	2509250926A	Ethylene Oxide	2.8	ug/L	NA	NA		J TIC
9/25/2025	8260	2509250926A	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.28	ug/L	1.0	0.20		J
9/25/2025	8260	2509250926A	Carbon Dioxide	99	ug/L	NA	NA		J RB TIC FB
9/25/2025	SM2540C	2509250929A	Total Dissolved Solids (TDS)	778	mg/L	10	9		
9/25/2025	6850	2509250930A	Perchlorate	0.28	ug/L	0.20	0.10		

Analytical Results for Sampling Events at 700-D-186

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/24/2025	8260	2509240900A	1,1,2-Trichloro-1,2,2-Trifluoroethane	19	ug/L	1.0	0.20		
9/24/2025	8260	2509240900A	Trichloroethene (TCE)	0.28	ug/L	1.0	0.20		J
9/24/2025	8260	2509240900A	Trichlorofluoromethane (CFC 11)	0.53	ug/L	1.0	0.24		J
9/24/2025	8260	2509240900A	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/24/2025	8260	2509240900A	Trimethylsilyl fluoride	1.5	ug/L	NA	NA		J TIC
9/24/2025	8260	2509240900A	Sulfur Dioxide	1.1	ug/L	NA	NA		J TIC
9/24/2025	6850	2509240903A	Perchlorate	0.48	ug/L	0.20	0.10		

Analytical Results for Sampling Events at 700-H-350

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/24/2025	8260	2509241435Y	Carbon Dioxide	83	ug/L	NA	NA		J RB TIC EB
9/24/2025	6850	2509250830Y	Perchlorate	1	ug/L	0.20	0.10		

Analytical Results for Sampling Events at 700-H-535

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/23/2025	8260	2509240950Y	Styrene	0.55	ug/L	1.0	0.20		J
9/23/2025	8260	2509240950Y	Carbon Dioxide	72	ug/L	NA	NA		J RB TIC EB
9/23/2025	8260	2509240950Y	Sulfur Dioxide	1.7	ug/L	NA	NA		J TIC
9/23/2025	METALS	2509240952Y	Molybdenum, Total	0.015	mg/L	0.025	0.003		J
9/23/2025	METALS	2509240952Y	Vanadium, Total	0.008	mg/L	0.050	0.00070		J EB
9/23/2025	METALS	2509240952Y	Strontium, Total	2.06	mg/L	0.10	0.002		
9/23/2025	METALS	2509240952Y	Sodium, Total	110	mg/L	1.0	0.500		
9/23/2025	METALS	2509240952Y	Nickel, Total	0.023	mg/L	0.040	0.003		J
9/23/2025	METALS	2509240952Y	Zinc, Total	0.006	mg/L	0.020	0.003		J EB
9/23/2025	METALS	2509240952Y	Manganese, Total	0.03	mg/L	0.010	0.004		
9/23/2025	METALS	2509240952Y	Magnesium, Total	12.3	mg/L	1.0	0.03		
9/23/2025	METALS	2509240952Y	Calcium, Total	29.3	mg/L	1.0	0.30		
9/23/2025	METALS	2509240952Y	Boron, Total	0.2	mg/L	0.20	0.0200		
9/23/2025	METALS	2509240952Y	Barium, Total	0.02	mg/L	0.020	0.003		
9/23/2025	METALS	2509240952Y	Potassium, Total	0.6	mg/L	2.0	0.400		J
9/23/2025	ANIONS	2509241020Y	Sulfate	205	mg/L	20	4.0		
9/23/2025	ANIONS	2509241020Y	Fluoride, undistilled	0.62	mg/L	0.10	0.010		
9/23/2025	ANIONS	2509241020Y	Alkalinity, Total as CaCO3	125	mg/L	2.0	1.80		
9/23/2025	ANIONS	2509241020Y	Chloride	27.9	mg/L	2.0	0.500		
9/23/2025	SM2540C	2509241021Y	Total Dissolved Solids (TDS)	491	mg/L	10	9		
9/23/2025	353.2	2509241023Y	Nitrate+Nitrite as Nitrogen	0.081	mg/L	0.050	0.002		

Analytical Results for Sampling Events at 700-H-670

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/23/2025	8260	2509231025Y	Carbon Dioxide	85	ug/L	NA	NA		J RB TIC EB
9/23/2025	8260	2509231025Y	Sulfur Dioxide	1.3	ug/L	NA	NA		J TIC
9/23/2025	METALS	2509231027Y	Molybdenum, Total	0.017	mg/L	0.025	0.003		J
9/23/2025	METALS	2509231027Y	Vanadium, Total	0.0009	mg/L	0.050	0.00070		J
9/23/2025	METALS	2509231027Y	Zinc, Total	0.014	mg/L	0.020	0.003		J
9/23/2025	METALS	2509231027Y	Strontium, Total	1.7	mg/L	0.10	0.002		
9/23/2025	METALS	2509231027Y	Sodium, Total	115	mg/L	1.0	0.500		
9/23/2025	METALS	2509231027Y	Potassium, Total	0.4	mg/L	2.0	0.400		J
9/23/2025	METALS	2509231027Y	Nickel, Total	0.025	mg/L	0.040	0.003		J
9/23/2025	METALS	2509231027Y	Magnesium, Total	8	mg/L	1.0	0.03		
9/23/2025	METALS	2509231027Y	Iron, Total	0.09	mg/L	0.10	0.07		J
9/23/2025	METALS	2509231027Y	Chromium, Total	0.002	mg/L	0.010	0.002		J
9/23/2025	METALS	2509231027Y	Calcium, Total	23.5	mg/L	1.0	0.30		
9/23/2025	METALS	2509231027Y	Manganese, Total	0.008	mg/L	0.010	0.004		J
9/23/2025	METALS	2509231027Y	Boron, Total	0.22	mg/L	0.20	0.0200		
9/23/2025	METALS	2509231027Y	Barium, Total	0.013	mg/L	0.020	0.003		J
9/23/2025	METALS	2509231055Y	Sodium, Total	115	mg/L	1.0	0.500		
9/23/2025	METALS	2509231055Y	Strontium, Total	1.72	mg/L	0.10	0.002		
9/23/2025	METALS	2509231055Y	Nickel, Total	0.023	mg/L	0.040	0.003		J
9/23/2025	METALS	2509231055Y	Molybdenum, Total	0.016	mg/L	0.025	0.003		J
9/23/2025	METALS	2509231055Y	Manganese, Total	0.01	mg/L	0.010	0.004		
9/23/2025	METALS	2509231055Y	Iron, Total	0.19	mg/L	0.10	0.07		
9/23/2025	METALS	2509231055Y	Calcium, Total	23.5	mg/L	1.0	0.30		
9/23/2025	METALS	2509231055Y	Zinc, Total	0.005	mg/L	0.020	0.003		J
9/23/2025	METALS	2509231055Y	Boron, Total	0.22	mg/L	0.20	0.0200		
9/23/2025	METALS	2509231055Y	Barium, Total	0.014	mg/L	0.020	0.003		J
9/23/2025	METALS	2509231055Y	Magnesium, Total	8	mg/L	1.0	0.03		

Analytical Results for Sampling Events at 700-J-200

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/24/2025	8260	2509241425A	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/24/2025	8260	2509241425A	Trimethylsilyl fluoride	2.6	ug/L	NA	NA		J TIC
9/24/2025	8260	2509241425A	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.27	ug/L	1.0	0.20		J

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
10/20/2025	8260_LL	2510201335A	Carbon Disulfide	0.55	ug/L	0.50	0.42		
10/20/2025	8260_LL	2510201335A	Carbon Dioxide	1.2	ug/L	NA	NA		J TIC
10/20/2025	8260_LL	2510201335A	Sulfur Dioxide	0.65	ug/L	NA	NA		J TIC FB
10/20/2025	NDMA_LL	2510201337A	N-Nitrosodimethylamine	1.19	ng/L	0.49	0.36		

Analytical Results for Sampling Events at BLM-14-327

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/13/2025	8260	2510130905C	Benzene, 1-bromo-3-fluoro-	27	ug/L	NA	NA		J TIC
10/13/2025	8260	2510130905C	1,1,2-Trichloro-1,2,2-Trifluoroethane	310	ug/L	10	2.0		D
10/13/2025	8260	2510130905C	Tetrachloroethene (PCE)	2.2	ug/L	10	2.1		D J
10/13/2025	8260	2510130905C	Trichloroethene (TCE)	62	ug/L	10	2.0		D
10/13/2025	8260	2510130905C	Trichlorofluoromethane (CFC 11)	81	ug/L	10	2.4		D
10/13/2025	8260	2510130905C	Carbon Dioxide	5900	ug/L	NA	NA		D J RB TIC
10/13/2025	607	2510130907C	Bromacil	0.19	µg/L	0.01	0.0052	141	QD
10/13/2025	607	2510130907C	N-Nitrodimethylamine	0.29	µg/L	0.01	0.0052	109	
10/13/2025	607	2510130907C	N-Nitrosodimethylamine	0.26	µg/L	0.01	0.0052	74	
10/13/2025	607	2510130908C	N-Nitrosodimethylamine	0.29	µg/L	0.01	0.0051	74	
10/13/2025	607	2510130908C	N-Nitrodimethylamine	0.33	µg/L	0.01	0.0051	109	
10/13/2025	607	2510130908C	Bromacil	0.25	µg/L	0.01	0.0051	141	QD

Analytical Results for Sampling Events at BLM-21-400

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/4/2025	8260	2508040955A	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
8/4/2025	8260	2508040955A	Trimethylsilyl fluoride	1.6	ug/L	NA	NA		J TIC
8/4/2025	8260	2508040955A	Sulfur Dioxide	39	ug/L	NA	NA		D J T RB QD
8/4/2025	8260	2508040955A	Trichlorofluoromethane (CFC 11)	96	ug/L	1.0	0.24		
8/4/2025	8260	2508040955A	Benzene, 1-bromo-3-fluoro-	32	ug/L	NA	NA		J TIC
8/4/2025	8260	2508040955A	Tetrachloroethene (PCE)	3.6	ug/L	1.0	0.21		
8/4/2025	8260	2508040955A	Dichlorofluoromethane (CFC 21)	1.3	ug/L	1.0	0.20		
8/4/2025	8260	2508040955A	1,1-Dichloroethene	0.89	ug/L	1.0	0.20		J
8/4/2025	8260	2508040955A	1,1,2-Trichloro-1,2,2-Trifluoroethane	260	ug/L	5.0	1.0		D
8/4/2025	8260	2508040955A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	2.7	ug/L	1.0	0.20		A
8/4/2025	8260	2508040956A	Dichlorofluoromethane (CFC 21)	1.4	ug/L	1.0	0.20		
8/4/2025	8260	2508040956A	Trichlorofluoromethane (CFC 11)	110	ug/L	1.0	0.24		
8/4/2025	8260	2508040956A	cis-1,2-Dichloroethene	0.26	ug/L	1.0	0.23		J
8/4/2025	8260	2508040956A	Trichloroethene (TCE)	74	ug/L	1.0	0.20		
8/4/2025	8260	2508040956A	Tetrachloroethene (PCE)	4.4	ug/L	1.0	0.21		
8/4/2025	8260	2508040956A	Cyclohexane	1.9	ug/L	10	0.30		A J
8/4/2025	8260	2508040956A	4-Methyl-2-pentanone	1	ug/L	5.0	0.20		J
8/4/2025	8260	2508040956A	1,1-Dichloroethene	1	ug/L	1.0	0.20		
8/4/2025	8260	2508040956A	1,1,2-Trichloro-1,2,2-Trifluoroethane	250	ug/L	5.0	1.0		D
8/4/2025	8260	2508040956A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	2.8	ug/L	1.0	0.20		A
8/4/2025	8260	2508040956A	Sulfur Dioxide	30	ug/L	NA	NA		D J T RB QD
8/4/2025	607	2508040958A	N-Nitrodimethylamine	0.28	µg/L	0.0094	0.0047	78	
8/4/2025	607	2508040958A	Bromacil	0.21	µg/L	0.0094	0.0047	112	
8/4/2025	607	2508040958A	N-Nitrosodimethylamine	0.26	µg/L	0.0094	0.0047	50	

Analytical Results for Sampling Events at BLM-23-431

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/7/2025	8260	2508071000A	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
8/7/2025	8260	2508071000A	Trichlorofluoromethane (CFC 11)	43	ug/L	1.0	0.24		
8/7/2025	8260	2508071000A	Dichlorofluoromethane (CFC 21)	8	ug/L	1.0	0.20		
8/7/2025	8260	2508071000A	1,1,2-Trichloro-1,2,2-Trifluoroethane	130	ug/L	1.0	0.20		
8/7/2025	8260	2508071000A	Tetrachloroethene (PCE)	2.8	ug/L	1.0	0.21		
8/7/2025	8260	2508071000A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	15	ug/L	1.0	0.20		
8/7/2025	607	2508071002A	N-Nitrosodimethylamine	0.16	µg/L	0.0095	0.0048	52	
8/7/2025	607	2508071002A	N-Nitrodimethylamine	0.22	µg/L	0.0095	0.0048	88	
8/7/2025	607	2508071002A	Bromacil	0.18	µg/L	0.0095	0.0048	124	Q
8/7/2025	METALS	2508071003A	Magnesium, Total	72.8	mg/L	1.0	0.03		
8/7/2025	METALS	2508071003A	Zinc, Total	0.03	mg/L	0.020	0.003		
8/7/2025	METALS	2508071003A	Strontium, Total	3.98	mg/L	0.10	0.002		
8/7/2025	METALS	2508071003A	Sodium, Total	58.7	mg/L	1.0	0.5		
8/7/2025	METALS	2508071003A	Potassium, Total	3.8	mg/L	2.0	0.4		
8/7/2025	METALS	2508071003A	Molybdenum, Total	0.016	mg/L	0.025	0.003		J
8/7/2025	METALS	2508071003A	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
8/7/2025	METALS	2508071003A	Antimony, Total	0.001	mg/L	0.0010	0.0002		
8/7/2025	METALS	2508071003A	Chromium, Total	0.04	mg/L	0.010	0.002		
8/7/2025	METALS	2508071003A	Nickel, Total	0.485	mg/L	0.040	0.003		
8/7/2025	METALS	2508071003A	Calcium, Total	141	mg/L	1.0	0.3		
8/7/2025	METALS	2508071003A	Boron, Total	0.1	mg/L	0.20	0.02		J
8/7/2025	METALS	2508071003A	Barium, Total	0.02	mg/L	0.020	0.003		J
8/7/2025	METALS	2508071003A	Iron, Total	0.5	mg/L	0.10	0.07		Q

Analytical Results for Sampling Events at BLM-25-455

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/1/2025	8260	2508010930A	Trimethylsilyl fluoride	1.3	ug/L	NA	NA		J TIC
8/1/2025	8260	2508010930A	Benzene, 1,2-difluoro-	45	ug/L	NA	NA		J TIC
8/1/2025	8015	2508010935A	Gasoline Range Organics as C6-C10 Commercial Fuel	39	ug/L	100	29		J RB
8/1/2025	METALS	2508010937A	Molybdenum, Total	0.01	mg/L	0.025	0.003		J
8/1/2025	METALS	2508010937A	Sodium, Total	28.6	mg/L	1.0	0.5		
8/1/2025	METALS	2508010937A	Strontium, Total	2.09	mg/L	0.10	0.002		
8/1/2025	METALS	2508010937A	Zinc, Total	0.008	mg/L	0.020	0.003		J FB
8/1/2025	METALS	2508010937A	Potassium, Total	3.4	mg/L	2.0	0.4		
8/1/2025	METALS	2508010937A	Nickel, Total	0.036	mg/L	0.040	0.003		J
8/1/2025	METALS	2508010937A	Chromium, Total	0.008	mg/L	0.010	0.002		J
8/1/2025	METALS	2508010937A	Calcium, Total	79.2	mg/L	1.0	0.3		
8/1/2025	METALS	2508010937A	Boron, Total	0.08	mg/L	0.20	0.02		J
8/1/2025	METALS	2508010937A	Barium, Total	0.027	mg/L	0.020	0.003		
8/1/2025	METALS	2508010937A	Arsenic, Total	0.002	mg/L	0.0010	0.0004		
8/1/2025	METALS	2508010937A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
8/1/2025	METALS	2508010937A	Magnesium, Total	47.6	mg/L	1.0	0.03		

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
8/12/2025	8260	2508121255B	Cyclotetrasiloxane, octamethyl-	6.4	ug/L	NA	NA		J RB TIC FB
8/12/2025	8260	2508121255B	Silane, methoxytrimethyl-	2.1	ug/L	NA	NA		J RB TIC FB
8/12/2025	8260	2508121255B	Cyclotrisiloxane, hexamethyl-	0.83	ug/L	NA	NA		J RB TIC
8/12/2025	NDMA_LL	2508121257B	N-Nitrosodimethylamine	0.7	ng/L	0.47	0.34		RB FB

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
8/12/2025	8260	2508121320B	Cyclotrisiloxane, hexamethyl-	0.93	ug/L	NA	NA		J RB TIC
8/12/2025	8260	2508121320B	Silanol, trimethyl-	4.4	ug/L	NA	NA		J TIC
8/12/2025	8260	2508121320B	Cyclotetrasiloxane, octamethyl-	5.7	ug/L	NA	NA		J RB TIC FB
8/12/2025	8260	2508121320B	Silane, methoxytrimethyl-	9.1	ug/L	NA	NA		J RB TIC
8/12/2025	NDMA_LL	2508121324B	N-Nitrosodimethylamine	0.67	ng/L	0.47	0.34		FB
8/12/2025	METALS	2508121327B	Nickel, Total	0.032	mg/L	0.040	0.003		J
8/12/2025	METALS	2508121327B	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
8/12/2025	METALS	2508121327B	Strontium, Total	1.93	mg/L	0.10	0.002		
8/12/2025	METALS	2508121327B	Boron, Total	0.09	mg/L	0.20	0.02		J
8/12/2025	METALS	2508121327B	Sodium, Total	38.4	mg/L	1.0	0.5		
8/12/2025	METALS	2508121327B	Zinc, Total	0.023	mg/L	0.020	0.003		
8/12/2025	METALS	2508121327B	Potassium, Total	3.2	mg/L	2.0	0.4		
8/12/2025	METALS	2508121327B	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
8/12/2025	METALS	2508121327B	Magnesium, Total	59.4	mg/L	1.0	0.03		
8/12/2025	METALS	2508121327B	Calcium, Total	78.7	mg/L	1.0	0.3		
8/12/2025	METALS	2508121327B	Barium, Total	0.03	mg/L	0.020	0.003		
8/12/2025	METALS	2508121327B	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
8/12/2025	METALS	2508121327B	Copper, Total	0.007	mg/L	0.020	0.004		J
8/12/2025	ANIONS	2508121348B	Alkalinity, Total as CaCO3	182	mg/L	2.0	1.8		
8/12/2025	ANIONS	2508121348B	Chloride	49.6	mg/L	2.0	0.5		
8/12/2025	ANIONS	2508121348B	Fluoride, undistilled	0.72	mg/L	0.10	0.010		
8/12/2025	ANIONS	2508121348B	Sulfate	257	mg/L	20	4		
8/12/2025	SM2540C	2508121349B	Total Dissolved Solids (TDS)	705	mg/L	10	9		
8/12/2025	6850	2508121350B	Perchlorate	0.62	ug/L	0.20	0.019		
8/12/2025	353.2	2508121351B	Nitrate+Nitrite as Nitrogen	1.57	mg/L	0.050	0.002		

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
8/13/2025	8260	2508131130B	Silane, methoxytrimethyl-	1.1	ug/L	NA	NA		J RB TIC FB
8/13/2025	8260	2508131130B	Cyclotetrasiloxane, octamethyl-	1.7	ug/L	NA	NA		J RB TIC FB
8/13/2025	NDMA_LL	2508131133B	N-Nitrosodimethylamine	0.64	ng/L	0.48	0.35		FB
8/13/2025	METALS	2508131150B	Sodium, Total	37.5	mg/L	1.0	0.5		
8/13/2025	METALS	2508131150B	Zinc, Total	0.025	mg/L	0.020	0.003		
8/13/2025	METALS	2508131150B	Strontium, Total	1.93	mg/L	0.10	0.002		
8/13/2025	METALS	2508131150B	Potassium, Total	3.1	mg/L	2.0	0.4		
8/13/2025	METALS	2508131150B	Nickel, Total	0.042	mg/L	0.040	0.003		
8/13/2025	METALS	2508131150B	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
8/13/2025	METALS	2508131150B	Manganese, Total	0.02	mg/L	0.010	0.004		
8/13/2025	METALS	2508131150B	Iron, Total	0.88	mg/L	0.10	0.07		
8/13/2025	METALS	2508131150B	Copper, Total	0.034	mg/L	0.020	0.004		
8/13/2025	METALS	2508131150B	Calcium, Total	78.1	mg/L	1.0	0.3		
8/13/2025	METALS	2508131150B	Boron, Total	0.09	mg/L	0.20	0.02		J
8/13/2025	METALS	2508131150B	Aluminum, Total	0.06	mg/L	0.10	0.03		J
8/13/2025	METALS	2508131150B	Barium, Total	0.036	mg/L	0.020	0.003		
8/13/2025	METALS	2508131150B	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
8/13/2025	METALS	2508131150B	Magnesium, Total	58	mg/L	1.0	0.03		
8/13/2025	METALS	2508131150B	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
8/13/2025	ANIONS	2508131151B	Alkalinity, Total as CaCO3	184	mg/L	2.0	1.8		
8/13/2025	ANIONS	2508131151B	Sulfate	254	mg/L	20	4		
8/13/2025	ANIONS	2508131151B	Chloride	49	mg/L	2.0	0.5		
8/13/2025	ANIONS	2508131151B	Fluoride, undistilled	0.71	mg/L	0.10	0.010		
8/13/2025	SM2540C	2508131152B	Total Dissolved Solids (TDS)	676	mg/L	10	9		
8/13/2025	6850	2508131153B	Perchlorate	0.72	ug/L	0.20	0.019		
8/13/2025	353.2	2508131154B	Nitrate+Nitrite as Nitrogen	1.02	mg/L	0.050	0.002		

Analytical Results for Sampling Events at BLM-39-385

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/9/2025	8260	2510101020Y	Benzene, 1-bromo-3-fluoro-	26	ug/L	NA	NA		J TIC
10/9/2025	8260	2510101020Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	120	ug/L	1.0	0.20		
10/9/2025	8260	2510101020Y	Dichlorofluoromethane (CFC 21)	1.7	ug/L	1.0	0.20		
10/9/2025	8260	2510101020Y	Benzene, 1,2-difluoro-	33	ug/L	NA	NA		J TIC
10/9/2025	8260	2510101020Y	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.96	ug/L	1.0	0.20		J
10/9/2025	8260	2510101020Y	Trichlorofluoromethane (CFC 11)	85	ug/L	1.0	0.24		
10/9/2025	8260	2510101020Y	Tetrachloroethene (PCE)	6.2	ug/L	1.0	0.21		
10/9/2025	8260	2510101020Y	Trichloroethene (TCE)	170	ug/L	1.0	0.20		
10/9/2025	8260	2510101020Y	Sulfur Dioxide	0.72	ug/L	NA	NA		J TIC
10/9/2025	8260	2510101021Y	Trichlorofluoromethane (CFC 11)	93	ug/L	1.0	0.24		
10/9/2025	8260	2510101021Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	140	ug/L	1.0	0.20		
10/9/2025	8260	2510101021Y	Benzene, 1,2-difluoro-	35	ug/L	NA	NA		J TIC
10/9/2025	8260	2510101021Y	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.96	ug/L	1.0	0.20		J
10/9/2025	8260	2510101021Y	Trichloroethene (TCE)	160	ug/L	1.0	0.20		
10/9/2025	8260	2510101021Y	Tetrachloroethene (PCE)	6.2	ug/L	1.0	0.21		
10/9/2025	8260	2510101021Y	Dichlorofluoromethane (CFC 21)	1.5	ug/L	1.0	0.20		
10/9/2025	8260	2510101021Y	Sulfur Dioxide	0.84	ug/L	NA	NA		J TIC
10/9/2025	607	2510101022Y	N-Nitrosodimethylamine	2.73	µg/L	0.01	0.0052	74	
10/9/2025	607	2510101022Y	N-Nitrodimethylamine	1.57	µg/L	0.01	0.0052	109	
10/9/2025	607	2510101022Y	Bromacil	0.16	µg/L	0.01	0.0052	141	

Analytical Results for Sampling Events at BLM-39-560

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/9/2025	8260	2510091315Y	Dichlorofluoromethane (CFC 21)	5.5	ug/L	1.0	0.20		
10/9/2025	8260	2510091315Y	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	5.5	ug/L	1.0	0.20		
10/9/2025	8260	2510091315Y	Benzene, 1-bromo-3-fluoro-	30	ug/L	NA	NA		J TIC
10/9/2025	8260	2510091315Y	Sulfur Dioxide	0.96	ug/L	NA	NA		J TIC EB
10/9/2025	8260	2510091315Y	Silane, methoxytrimethyl-	0.91	ug/L	NA	NA		J TIC EB
10/9/2025	8260	2510091315Y	Trichlorofluoromethane (CFC 11)	2.4	ug/L	1.0	0.24		
10/9/2025	8260	2510091315Y	Tetrachloroethene (PCE)	0.44	ug/L	1.0	0.21		J
10/9/2025	8260	2510091315Y	1,1,2-Trichloro-1,2,2-Trifluoroethane	6.5	ug/L	1.0	0.20		
10/9/2025	8260	2510091315Y	Trichloroethene (TCE)	11	ug/L	1.0	0.20		
10/9/2025	8260	2510091315Y	Vinyl Chloride	0.24	ug/L	1.0	0.20		J
10/9/2025	607	2510091316Y	Bromacil	0.02	µg/L	0.01	0.0051	141	

Analytical Results for Sampling Events at BLM-40-595

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/14/2025	8260_LL	2510140950A	Carbon Dioxide	71	ug/L	NA	NA		J RB TIC TB
10/14/2025	607	2510140952A	Bromacil	0.02	µg/L	0.01	0.005	168	
10/14/2025	NDMA_LL	2510140955A	N-Nitrosodimethylamine	5.05	ng/L	0.48	0.35		A
10/14/2025	NDMA_LL	2510140955A	N-Nitrodimethylamine	4.69	ng/L	0.48	0.33		
10/14/2025	METALS	2510140956A	Nickel, Total	0.036	mg/L	0.040	0.003		J
10/14/2025	METALS	2510140956A	Magnesium, Total	8.5	mg/L	1.0	0.03		
10/14/2025	METALS	2510140956A	Vanadium, Total	0.017	mg/L	0.050	0.0007		J
10/14/2025	METALS	2510140956A	Strontium, Total	0.87	mg/L	0.10	0.002		
10/14/2025	METALS	2510140956A	Sodium, Total	91	mg/L	1.0	0.5		
10/14/2025	METALS	2510140956A	Potassium, Total	3.6	mg/L	2.0	0.4		
10/14/2025	METALS	2510140956A	Manganese, Total	0.013	mg/L	0.010	0.004		
10/14/2025	METALS	2510140956A	Arsenic, Total	0.0024	mg/L	0.0010	0.0004		
10/14/2025	METALS	2510140956A	Calcium, Total	23.1	mg/L	1.0	0.3		
10/14/2025	METALS	2510140956A	Boron, Total	0.11	mg/L	0.20	0.02		J
10/14/2025	METALS	2510140956A	Barium, Total	0.021	mg/L	0.020	0.003		
10/14/2025	METALS	2510140956A	Molybdenum, Total	0.021	mg/L	0.025	0.003		J

Analytical Results for Sampling Events at BLM-40-688

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/14/2025	8260_LL	2510141425A	1,2-Dichloroethane	0.31	ug/L	0.50	0.20		J
10/14/2025	8260_LL	2510141425A	Carbon Dioxide	72	ug/L	NA	NA		J RB TIC FB
10/14/2025	607	2510141427A	Bromacil	0.006	µg/L	0.01	0.005	168	J
10/14/2025	METALS	2510141431A	Arsenic, Total	0.0024	mg/L	0.0010	0.0004		
10/14/2025	METALS	2510141431A	Antimony, Total	0.0005	mg/L	0.0010	0.0002		J

Analytical Results for Sampling Events at BLM-41-420

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/15/2025	8260_LL	2510150935A	Carbon Dioxide	79	ug/L	NA	NA		J RB TIC FB
10/15/2025	NDMA_LL	2510150938A	N-Nitrosodimethylamine	0.37	ng/L	0.48	0.35		A J
10/15/2025	NDMA_LL	2510150939A	N-Nitrosodimethylamine	0.41	ng/L	0.48	0.35		A J
10/15/2025	METALS	2510150941A	Nickel, Total	0.03	mg/L	0.040	0.003		J
10/15/2025	METALS	2510150941A	Boron, Total	0.07	mg/L	0.20	0.02		J
10/15/2025	METALS	2510150941A	Zinc, Total	0.005	mg/L	0.020	0.003		J
10/15/2025	METALS	2510150941A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
10/15/2025	METALS	2510150941A	Thallium, Total	0.00007	mg/L	0.0010	0.00004		J
10/15/2025	METALS	2510150941A	Strontium, Total	2.33	mg/L	0.10	0.002		
10/15/2025	METALS	2510150941A	Sodium, Total	32.7	mg/L	1.0	0.5		
10/15/2025	METALS	2510150941A	Potassium, Total	3.7	mg/L	2.0	0.4		
10/15/2025	METALS	2510150941A	Molybdenum, Total	0.013	mg/L	0.025	0.003		J
10/15/2025	METALS	2510150941A	Magnesium, Total	63.5	mg/L	1.0	0.03		
10/15/2025	METALS	2510150941A	Calcium, Total	89.7	mg/L	1.0	0.3		
10/15/2025	METALS	2510150941A	Barium, Total	0.05	mg/L	0.020	0.003		
10/15/2025	METALS	2510150941A	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
10/15/2025	METALS	2510150941A	Antimony, Total	0.0004	mg/L	0.0010	0.0002		J
10/15/2025	METALS	2510150941A	Cobalt, Total	0.001	mg/L	0.050	0.0009		J

Analytical Results for Sampling Events at BLM-41-670

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/15/2025	8260_LL	2510151352A	Carbon Dioxide	88	ug/L	NA	NA		J RB TIC FB
10/15/2025	METALS	2510151357A	Molybdenum, Total	0.011	mg/L	0.025	0.003		J
10/15/2025	METALS	2510151357A	Arsenic, Total	0.0022	mg/L	0.0010	0.0004		
10/15/2025	METALS	2510151357A	Strontium, Total	2.03	mg/L	0.10	0.002		
10/15/2025	METALS	2510151357A	Sodium, Total	68	mg/L	1.0	0.5		
10/15/2025	METALS	2510151357A	Potassium, Total	6.3	mg/L	2.0	0.4		
10/15/2025	METALS	2510151357A	Nickel, Total	0.038	mg/L	0.040	0.003		J
10/15/2025	METALS	2510151357A	Magnesium, Total	49	mg/L	1.0	0.03		
10/15/2025	METALS	2510151357A	Calcium, Total	82.8	mg/L	1.0	0.3		
10/15/2025	METALS	2510151357A	Barium, Total	0.06	mg/L	0.020	0.003		
10/15/2025	METALS	2510151357A	Boron, Total	0.1	mg/L	0.20	0.02		J
10/15/2025	METALS	2510151357A	Manganese, Total	0.02	mg/L	0.010	0.004		
10/15/2025	METALS	2510151358A	Nickel, Total	0.038	mg/L	0.040	0.003		J
10/15/2025	METALS	2510151358A	Vanadium, Total	0.0008	mg/L	0.050	0.0007		J
10/15/2025	METALS	2510151358A	Strontium, Total	2.04	mg/L	0.10	0.002		
10/15/2025	METALS	2510151358A	Potassium, Total	6.4	mg/L	2.0	0.4		
10/15/2025	METALS	2510151358A	Molybdenum, Total	0.01	mg/L	0.025	0.003		J
10/15/2025	METALS	2510151358A	Magnesium, Total	49.2	mg/L	1.0	0.03		
10/15/2025	METALS	2510151358A	Calcium, Total	83	mg/L	1.0	0.3		
10/15/2025	METALS	2510151358A	Boron, Total	0.1	mg/L	0.20	0.02		J
10/15/2025	METALS	2510151358A	Barium, Total	0.06	mg/L	0.020	0.003		
10/15/2025	METALS	2510151358A	Arsenic, Total	0.0021	mg/L	0.0010	0.0004		
10/15/2025	METALS	2510151358A	Manganese, Total	0.021	mg/L	0.010	0.004		
10/15/2025	METALS	2510151358A	Sodium, Total	68.1	mg/L	1.0	0.5		

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
9/8/2025	8260_LL	2509081405C	Carbon Dioxide	95	ug/L	NA	NA		J RB TIC FB
9/8/2025	8260_LL	2509081405C	Silane, methoxytrimethyl-	1.4	ug/L	NA	NA		J TIC
9/8/2025	8260_LL	2509081405C	Trimethylsilyl fluoride	6.8	ug/L	NA	NA		J TIC
9/8/2025	8260_LL	2509081405C	Sulfur Dioxide	1.7	ug/L	NA	NA		J TIC FB
9/8/2025	METALS	2509081409C	Nickel, Total	0.043	mg/L	0.040	0.003		
9/8/2025	METALS	2509081409C	Strontium, Total	1.63	mg/L	0.10	0.002		
9/8/2025	METALS	2509081409C	Sodium, Total	46.3	mg/L	1.0	0.5		
9/8/2025	METALS	2509081409C	Boron, Total	0.09	mg/L	0.20	0.02		J
9/8/2025	METALS	2509081409C	Potassium, Total	5.4	mg/L	2.0	0.4		
9/8/2025	METALS	2509081409C	Vanadium, Total	0.015	mg/L	0.050	0.0007		J
9/8/2025	METALS	2509081409C	Magnesium, Total	29.2	mg/L	1.0	0.03		
9/8/2025	METALS	2509081409C	Calcium, Total	41.8	mg/L	1.0	0.3		
9/8/2025	METALS	2509081409C	Barium, Total	0.031	mg/L	0.020	0.003		
9/8/2025	METALS	2509081409C	Arsenic, Total	0.0015	mg/L	0.0010	0.0004		
9/8/2025	METALS	2509081409C	Chromium, Total	0.002	mg/L	0.010	0.002		J
9/8/2025	METALS	2509081409C	Molybdenum, Total	0.016	mg/L	0.025	0.003		J RB
9/8/2025	ANIONS	2509081410C	Alkalinity, Total as CaCO3	183	mg/L	2.0	1.8		
9/8/2025	ANIONS	2509081410C	Chloride	22	mg/L	2.0	0.5		
9/8/2025	ANIONS	2509081410C	Fluoride, undistilled	0.6	mg/L	0.10	0.010		
9/8/2025	ANIONS	2509081410C	Sulfate	118	mg/L	20	4		
9/8/2025	SM2540C	2509081411C	Total Dissolved Solids (TDS)	419	mg/L	10	10		
9/8/2025	6850	2509081412C	Perchlorate	0.28	ug/L	0.20	0.10		
9/8/2025	353.2	2509081413C	Nitrate+Nitrite as Nitrogen	1.04	mg/L	0.050	0.002		
9/8/2025	NDMA_LL	2509081414C	N-Nitrosodimethylamine	0.44	ng/L	0.48	0.35		J RB

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
9/8/2025	8260_LL	2509080945C	Carbon Dioxide	93	ug/L	NA	NA		J RB TIC FB
9/8/2025	8260_LL	2509080945C	Trimethylsilyl fluoride	2.1	ug/L	NA	NA		J TIC
9/8/2025	NDMA_LL	2509080949C	N-Nitrosodimethylamine	0.39	ng/L	0.49	0.35		J RB TB
9/8/2025	METALS	2509080951C	Magnesium, Total	28.8	mg/L	1.0	0.03		
9/8/2025	METALS	2509080951C	Vanadium, Total	0.016	mg/L	0.050	0.0007		J
9/8/2025	METALS	2509080951C	Strontium, Total	1.6	mg/L	0.10	0.002		
9/8/2025	METALS	2509080951C	Sodium, Total	46.7	mg/L	1.0	0.5		
9/8/2025	METALS	2509080951C	Potassium, Total	5.6	mg/L	2.0	0.4		
9/8/2025	METALS	2509080951C	Molybdenum, Total	0.016	mg/L	0.025	0.003		J RB
9/8/2025	METALS	2509080951C	Chromium, Total	0.002	mg/L	0.010	0.002		J
9/8/2025	METALS	2509080951C	Calcium, Total	41.2	mg/L	1.0	0.3		
9/8/2025	METALS	2509080951C	Boron, Total	0.09	mg/L	0.20	0.02		J
9/8/2025	METALS	2509080951C	Barium, Total	0.031	mg/L	0.020	0.003		
9/8/2025	METALS	2509080951C	Arsenic, Total	0.0015	mg/L	0.0010	0.0004		
9/8/2025	METALS	2509080951C	Nickel, Total	0.04	mg/L	0.040	0.003		
9/8/2025	ANIONS	2509080952C	Alkalinity, Total as CaCO3	184	mg/L	2.0	1.8		
9/8/2025	ANIONS	2509080952C	Sulfate	112	mg/L	20	4		
9/8/2025	ANIONS	2509080952C	Fluoride, undistilled	0.58	mg/L	0.10	0.010		
9/8/2025	ANIONS	2509080952C	Chloride	21.4	mg/L	2.0	0.5		
9/8/2025	SM2540C	2509080953C	Total Dissolved Solids (TDS)	411	mg/L	10	10		
9/8/2025	6850	2509080954C	Perchlorate	0.28	ug/L	0.20	0.10		
9/8/2025	353.2	2509080955C	Nitrate+Nitrite as Nitrogen	1.04	mg/L	0.050	0.002		

Analytical Results for Sampling Events at BLM-5-527

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/17/2025	8260	2509170936C	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/17/2025	8260	2509170936C	Sulfur Dioxide	1.6	ug/L	NA	NA		J RB TIC
9/17/2025	8260	2509170936C	Trimethylsilyl fluoride	3.7	ug/L	NA	NA		J TIC
9/17/2025	8260	2509170936C	Trichlorofluoromethane (CFC 11)	37	ug/L	1.0	0.24		
9/17/2025	8260	2509170936C	Trichloroethene (TCE)	43	ug/L	1.0	0.20		
9/17/2025	8260	2509170936C	Tetrachloroethene (PCE)	1.2	ug/L	1.0	0.21		
9/17/2025	8260	2509170936C	1,1,2-Trichloro-1,2,2-Trifluoroethane	21	ug/L	1.0	0.20		
9/17/2025	8260	2509170936C	Formic acid, ethenyl ester	3.6	ug/L	NA	NA		J TIC
9/17/2025	607	2509170938C	N-Nitrodimethylamine	0.1	µg/L	0.0096	0.0048	104	
9/17/2025	607	2509170938C	N-Nitrosodimethylamine	0.14	µg/L	0.0096	0.0048	65	
9/17/2025	METALS	2509170939C	Nickel, Total	0.037	mg/L	0.040	0.003		J
9/17/2025	METALS	2509170939C	Strontium, Total	2.18	mg/L	0.10	NA		
9/17/2025	METALS	2509170939C	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
9/17/2025	METALS	2509170939C	Sodium, Total	36	mg/L	1.0	NA		
9/17/2025	METALS	2509170939C	Potassium, Total	3.1	mg/L	2.0	NA		
9/17/2025	METALS	2509170939C	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
9/17/2025	METALS	2509170939C	Magnesium, Total	61.9	mg/L	1.0	NA		
9/17/2025	METALS	2509170939C	Calcium, Total	101	mg/L	1.0	NA		
9/17/2025	METALS	2509170939C	Boron, Total	0.07	mg/L	0.20	0.02		J
9/17/2025	METALS	2509170939C	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
9/17/2025	METALS	2509170939C	Barium, Total	0.032	mg/L	0.020	NA		

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
10/10/2025	8260	2510101000A	Sulfur Dioxide	6.1	ug/L	NA	NA		J RB TIC FB
10/10/2025	8260	2510101000A	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.9	ug/L	0.50	0.20		
10/10/2025	8260	2510101000A	Trichloroethene (TCE)	1.9	ug/L	0.50	0.20		
10/10/2025	8260	2510101000A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.21	ug/L	0.50	0.20		J
10/10/2025	NDMA_LL	2510101002A	N-Nitrosodimethylamine	1.57	ng/L	0.48	0.35		

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
9/12/2025	8260_LL	2509120920C	Trimethylsilyl fluoride	12	ug/L	NA	NA		J TIC
9/12/2025	8260_LL	2509120920C	Glycidol	2.7	ug/L	NA	NA		J TIC
9/12/2025	8260_LL	2509120920C	Sulfur Dioxide	12	ug/L	NA	NA		J RB TIC FB
9/12/2025	8260_LL	2509120920C	Silane, methoxytrimethyl-	2.7	ug/L	NA	NA		J TIC
9/12/2025	8260_LL	2509120920C	Glycolaldehyde dimethyl acetal	2.4	ug/L	NA	NA		J TIC
9/12/2025	8260_LL	2509120920C	Carbon Dioxide	92	ug/L	NA	NA		J RB TIC FB
9/12/2025	NDMA_LL	2509120922C	N-Nitrosodimethylamine	0.58	ng/L	0.49	0.36		RB

Analytical Results for Sampling Events at BLM-9-419

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/2/2025	8260	2509021435A	1,1,2-Trichloro-1,2,2-Trifluoroethane	13	ug/L	1.0	0.20		
9/2/2025	8260	2509021435A	Tetrachloroethene (PCE)	0.23	ug/L	1.0	0.21		J
9/2/2025	8260	2509021435A	Trimethylsilyl fluoride	4.2	ug/L	NA	NA		J TIC QD
9/2/2025	8260	2509021435A	Trichloroethene (TCE)	2.6	ug/L	1.0	0.20		
9/2/2025	8260	2509021435A	Trichlorofluoromethane (CFC 11)	5.9	ug/L	1.0	0.24		
9/2/2025	8260	2509021435A	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/2/2025	8260	2509021436A	Ethylene Oxide	1.7	ug/L	NA	NA		J TIC
9/2/2025	8260	2509021436A	1,1,2-Trichloro-1,2,2-Trifluoroethane	13	ug/L	1.0	0.20		
9/2/2025	8260	2509021436A	Trimethylsilyl fluoride	2.7	ug/L	NA	NA		J TIC QD
9/2/2025	8260	2509021436A	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/2/2025	8260	2509021436A	Trichlorofluoromethane (CFC 11)	5.9	ug/L	1.0	0.24		
9/2/2025	8260	2509021436A	Trichloroethene (TCE)	2.8	ug/L	1.0	0.20		
9/2/2025	NDMA_LL	2509021438A	N-Nitrodimethylamine	6.94	ng/L	0.48	0.34		
9/2/2025	NDMA_LL	2509021438A	N-Nitrosodimethylamine	17.22	ng/L	0.48	0.35		RB
9/2/2025	METALS	2509021440A	Zinc, Total	0.023	mg/L	0.020	0.003		
9/2/2025	METALS	2509021440A	Calcium, Total	101	mg/L	1.0	0.3		
9/2/2025	METALS	2509021440A	Arsenic, Total	0.0013	mg/L	0.0010	0.0004		
9/2/2025	METALS	2509021440A	Barium, Total	0.042	mg/L	0.020	0.003		
9/2/2025	METALS	2509021440A	Magnesium, Total	55.7	mg/L	1.0	0.03		
9/2/2025	METALS	2509021440A	Strontium, Total	2.25	mg/L	0.10	0.002		
9/2/2025	METALS	2509021440A	Sodium, Total	28.7	mg/L	1.0	0.5		
9/2/2025	METALS	2509021440A	Potassium, Total	3.6	mg/L	2.0	0.4		
9/2/2025	METALS	2509021440A	Nickel, Total	0.084	mg/L	0.080	0.006		
9/2/2025	METALS	2509021440A	Molybdenum, Total	0.01	mg/L	0.025	0.003		J
9/2/2025	METALS	2509021440A	Boron, Total	0.08	mg/L	0.20	0.02		J
9/2/2025	METALS	2509021440A	Vanadium, Total	0.001	mg/L	0.050	0.0007		J

Analytical Results for Sampling Events at BW-1-268

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/17/2025	8260	2509171351C	Trichlorofluoromethane (CFC 11)	76	ug/L	1.0	0.24		
9/17/2025	8260	2509171351C	Sulfur Dioxide	1.3	ug/L	NA	NA		J RB TIC FB
9/17/2025	8260	2509171351C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.3	ug/L	1.0	0.20		
9/17/2025	8260	2509171351C	Trichloroethene (TCE)	0.52	ug/L	1.0	0.20		J
9/17/2025	8260	2509171351C	Dichlorofluoromethane (CFC 21)	2.1	ug/L	1.0	0.20		
9/17/2025	8260	2509171351C	1,1,2-Trichloro-1,2,2-Trifluoroethane	31	ug/L	1.0	0.20		
9/17/2025	8260	2509171351C	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/17/2025	607	2509171353C	Bromacil	1.68	µg/L	0.0094	0.0047	145	
9/17/2025	607	2509171353C	N-Nitrosodimethylamine	4.12	µg/L	0.0094	0.0047	65	
9/17/2025	607	2509171353C	N-Nitrodimethylamine	4.18	µg/L	0.0094	0.0047	104	
9/17/2025	METALS	2509171354C	Nickel, Total	0.028	mg/L	0.040	0.003		J
9/17/2025	METALS	2509171354C	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
9/17/2025	METALS	2509171354C	Zinc, Total	0.007	mg/L	0.020	0.003		J
9/17/2025	METALS	2509171354C	Strontium, Total	2.92	mg/L	0.10	NA		
9/17/2025	METALS	2509171354C	Sodium, Total	92.3	mg/L	1.0	NA		
9/17/2025	METALS	2509171354C	Potassium, Total	2.8	mg/L	2.0	NA		
9/17/2025	METALS	2509171354C	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
9/17/2025	METALS	2509171354C	Magnesium, Total	60	mg/L	1.0	NA		
9/17/2025	METALS	2509171354C	Chromium, Total	0.003	mg/L	0.010	0.002		J
9/17/2025	METALS	2509171354C	Calcium, Total	90.1	mg/L	1.0	NA		
9/17/2025	METALS	2509171354C	Boron, Total	0.22	mg/L	0.20	NA		
9/17/2025	METALS	2509171354C	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
9/17/2025	METALS	2509171354C	Barium, Total	0.034	mg/L	0.020	NA		
9/17/2025	METALS	2509171355C	Calcium, Total	89	mg/L	1.0	NA		
9/17/2025	METALS	2509171355C	Arsenic, Total	0.0008	mg/L	0.0010	0.0004		J
9/17/2025	METALS	2509171355C	Barium, Total	0.034	mg/L	0.020	NA		
9/17/2025	METALS	2509171355C	Chromium, Total	0.003	mg/L	0.010	0.002		J
9/17/2025	METALS	2509171355C	Magnesium, Total	59.4	mg/L	1.0	NA		
9/17/2025	METALS	2509171355C	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
9/17/2025	METALS	2509171355C	Nickel, Total	0.026	mg/L	0.040	0.003		J
9/17/2025	METALS	2509171355C	Potassium, Total	2.8	mg/L	2.0	NA		
9/17/2025	METALS	2509171355C	Sodium, Total	91.7	mg/L	1.0	NA		
9/17/2025	METALS	2509171355C	Strontium, Total	2.9	mg/L	0.10	NA		
9/17/2025	METALS	2509171355C	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
9/17/2025	METALS	2509171355C	Zinc, Total	0.007	mg/L	0.020	0.003		J
9/17/2025	METALS	2509171355C	Boron, Total	0.22	mg/L	0.20	NA		

Analytical Results for Sampling Events at BW-3-180

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/20/2025	8260	2510201035C	Trichlorofluoromethane (CFC 11)	0.32	ug/L	1.0	0.24		J
10/20/2025	8260	2510201035C	Sulfur Dioxide	0.65	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201035C	1,1,2-Trichloro-1,2,2-Trifluoroethane	4	ug/L	1.0	0.20		
10/20/2025	8260	2510201036C	Trichlorofluoromethane (CFC 11)	0.33	ug/L	1.0	0.24		J
10/20/2025	8260	2510201036C	Sulfur Dioxide	0.56	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201036C	1,1,2-Trichloro-1,2,2-Trifluoroethane	3.9	ug/L	1.0	0.20		

Analytical Results for Sampling Events at BW-4-330

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/3/2025	8260	2509030935A	Trichloroethene (TCE)	77	ug/L	1.0	0.20		
9/3/2025	8260	2509030935A	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.4	ug/L	1.0	0.20		
9/3/2025	8260	2509030935A	Silanol, trimethyl-	1.6	ug/L	NA	NA		J TIC
9/3/2025	8260	2509030935A	Silane, methoxytrimethyl-	1.2	ug/L	NA	NA		J TIC
9/3/2025	8260	2509030935A	Trimethylsilyl fluoride	4.7	ug/L	NA	NA		J TIC
9/3/2025	8260	2509030935A	Ethene, chlorotrifluoro-	0.74	ug/L	NA	NA		J TIC
9/3/2025	8260	2509030935A	Carbon Dioxide	71	ug/L	NA	NA		J RB TIC
9/3/2025	8260	2509030935A	1,1,2-Trichloro-1,2,2-Trifluoroethane	200	ug/L	1.0	0.20		
9/3/2025	8260	2509030935A	cis-1,2-Dichloroethene	0.74	ug/L	1.0	0.23		J
9/3/2025	8260	2509030935A	Trichlorofluoromethane (CFC 11)	73	ug/L	1.0	0.24		
9/3/2025	8260	2509030935A	Tetrachloroethene (PCE)	2.3	ug/L	1.0	0.21		
9/3/2025	8260	2509030935A	Dichlorodifluoromethane (CFC 12)	0.45	ug/L	1.0	0.21		J
9/3/2025	8260	2509030935A	1,1-Dichloroethene	1.1	ug/L	1.0	0.20		
9/3/2025	8260	2509030935A	trans-1,2-Dichloroethene	0.24	ug/L	1.0	0.20		J
9/3/2025	607	2509030937A	N-Nitrodimethylamine	0.08	µg/L	0.0094	0.0047	106	
9/3/2025	607	2509030937A	N-Nitrosodimethylamine	0.04	µg/L	0.0094	0.0047	65	
9/3/2025	607	2509030937A	Bromacil	0.69	µg/L	0.0094	0.0047	139	
9/3/2025	METALS	2509030939A	Antimony, Total	0.0002	mg/L	0.0010	0.0002		J
9/3/2025	METALS	2509030939A	Manganese, Total	0.052	mg/L	0.010	0.004		
9/3/2025	METALS	2509030939A	Zinc, Total	0.005	mg/L	0.020	0.003		J
9/3/2025	METALS	2509030939A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
9/3/2025	METALS	2509030939A	Strontium, Total	2.11	mg/L	0.10	0.002		
9/3/2025	METALS	2509030939A	Sodium, Total	54.7	mg/L	1.0	0.5		
9/3/2025	METALS	2509030939A	Potassium, Total	4.7	mg/L	2.0	0.4		
9/3/2025	METALS	2509030939A	Nickel, Total	0.043	mg/L	0.040	0.003		
9/3/2025	METALS	2509030939A	Molybdenum, Total	0.011	mg/L	0.025	0.003		J
9/3/2025	METALS	2509030939A	Iron, Total	11.8	mg/L	0.10	0.07		
9/3/2025	METALS	2509030939A	Chromium, Total	0.065	mg/L	0.010	0.002		
9/3/2025	METALS	2509030939A	Calcium, Total	99	mg/L	1.0	0.3		
9/3/2025	METALS	2509030939A	Boron, Total	0.17	mg/L	0.20	0.02		J
9/3/2025	METALS	2509030939A	Aluminum, Total	0.13	mg/L	0.10	0.03		
9/3/2025	METALS	2509030939A	Arsenic, Total	0.0018	mg/L	0.0010	0.0004		
9/3/2025	METALS	2509030939A	Barium, Total	0.053	mg/L	0.020	0.003		
9/3/2025	METALS	2509030939A	Magnesium, Total	57.1	mg/L	1.0	0.03		
9/3/2025	ANIONS	2509030940A	Alkalinity, Total as CaCO3	118	mg/L	2.0	1.8		
9/3/2025	ANIONS	2509030940A	Chloride	75.2	mg/L	2.0	0.5		
9/3/2025	ANIONS	2509030940A	Fluoride, undistilled	0.6	mg/L	0.10	0.010		
9/3/2025	ANIONS	2509030940A	Sulfate	337	mg/L	20	4		

Analytical Results for Sampling Events at BW-4-330

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/3/2025	SM2540C	2509030941A	Total Dissolved Solids (TDS)	794	mg/L	10	9		
9/3/2025	6850	2509030942A	Perchlorate	0.64	ug/L	0.20	0.019		
9/3/2025	353.2	2509030943A	Nitrate+Nitrite as Nitrogen	1.68	mg/L	0.050	0.002		

Analytical Results for Sampling Events at BW-6-355

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/16/2025	8260	2509160912A	Carbon Dioxide	90	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509160912A	Trimethylsilyl fluoride	4.3	ug/L	NA	NA		J TIC
9/16/2025	8260	2509160912A	Sulfur Dioxide	4.4	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509160912A	Carbon Disulfide	0.56	ug/L	1.0	0.42		J
9/16/2025	607	2509160915A	Bromacil	0.008	µg/L	0.0094	0.0047	145	J
9/16/2025	METALS	2509160917A	Iron, Total	0.17	mg/L	0.10	NA		
9/16/2025	METALS	2509160917A	Nickel, Total	0.046	mg/L	0.040	NA		
9/16/2025	METALS	2509160917A	Zinc, Total	0.026	mg/L	0.020	NA		
9/16/2025	METALS	2509160917A	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
9/16/2025	METALS	2509160917A	Strontium, Total	3	mg/L	0.10	NA		
9/16/2025	METALS	2509160917A	Sodium, Total	96.5	mg/L	1.0	NA		
9/16/2025	METALS	2509160917A	Potassium, Total	2	mg/L	2.0	NA		
9/16/2025	METALS	2509160917A	Arsenic, Total	0.0008	mg/L	0.0010	0.0004		J
9/16/2025	METALS	2509160917A	Antimony, Total	0.0004	mg/L	0.0010	0.0002		J
9/16/2025	METALS	2509160917A	Molybdenum, Total	0.01	mg/L	0.025	0.003		J
9/16/2025	METALS	2509160917A	Chromium, Total	0.011	mg/L	0.010	NA		
9/16/2025	METALS	2509160917A	Calcium, Total	84.4	mg/L	1.0	NA		
9/16/2025	METALS	2509160917A	Boron, Total	0.26	mg/L	0.20	NA		
9/16/2025	METALS	2509160917A	Barium, Total	0.033	mg/L	0.020	NA		
9/16/2025	METALS	2509160917A	Magnesium, Total	25.3	mg/L	1.0	NA		

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
10/2/2025	8260_LL	2510021232B	Toluene	0.25	ug/L	0.50	0.20		J
10/2/2025	8260_LL	2510021232B	Silane, methoxytrimethyl-	4	ug/L	NA	NA		J TIC
10/2/2025	NDMA_LL	2510021235B	N-Nitrosodimethylamine	0.69	ng/L	0.49	0.35		
10/2/2025	METALS	2510021400B	Magnesium, Total	64.5	mg/L	1.0	0.03		
10/2/2025	METALS	2510021400B	Zinc, Total	0.156	mg/L	0.020	0.003		
10/2/2025	METALS	2510021400B	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
10/2/2025	METALS	2510021400B	Strontium, Total	2.64	mg/L	0.10	0.002		
10/2/2025	METALS	2510021400B	Sodium, Total	44.7	mg/L	1.0	0.5		
10/2/2025	METALS	2510021400B	Potassium, Total	3.8	mg/L	2.0	0.4		
10/2/2025	METALS	2510021400B	Lead, Total	0.019	mg/L	0.050	0.004		J
10/2/2025	METALS	2510021400B	Calcium, Total	101	mg/L	1.0	0.3		
10/2/2025	METALS	2510021400B	Boron, Total	0.07	mg/L	0.20	0.02		J
10/2/2025	METALS	2510021400B	Barium, Total	0.014	mg/L	0.020	0.003		J
10/2/2025	METALS	2510021400B	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
10/2/2025	METALS	2510021400B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
10/2/2025	METALS	2510021400B	Nickel, Total	0.048	mg/L	0.040	0.003		
10/2/2025	ANIONS	2510021401B	Fluoride, undistilled	0.65	mg/L	0.10	0.010		
10/2/2025	ANIONS	2510021401B	Chloride	39.6	mg/L	2.0	0.5		
10/2/2025	ANIONS	2510021401B	Sulfate	305	mg/L	20	4		
10/2/2025	ANIONS	2510021401B	Alkalinity, Total as CaCO3	236	mg/L	2.0	1.8		
10/2/2025	SM2540C	2510021402B	Total Dissolved Solids (TDS)	788	mg/L	11	10		
10/2/2025	6850	2510021403B	Perchlorate	0.33	ug/L	0.20	0.10		
10/2/2025	353.2	2510021404B	Nitrate+Nitrite as Nitrogen	0.626	mg/L	0.050	0.002		

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
10/2/2025	8260_LL	2510021250B	Trimethylsilyl fluoride	5.5	ug/L	NA	NA		J TIC
10/2/2025	8260_LL	2510021250B	Silanol, trimethyl-	2.1	ug/L	NA	NA		J TIC
10/2/2025	8260_LL	2510021250B	1,4-Dioxane, 2,5-dimethyl-	0.45	ug/L	NA	NA		J TIC
10/2/2025	8260_LL	2510021250B	Sulfur Dioxide	35	ug/L	NA	NA		J TIC
10/2/2025	8260_LL	2510021250B	Benzene	0.24	ug/L	0.50	0.20		J A
10/2/2025	8260_LL	2510021250B	Silane, methoxytrimethyl-	5.9	ug/L	NA	NA		J TIC
10/2/2025	8260_LL	2510021250B	Sulfur Dioxide	19	ug/L	NA	NA		J TIC
10/2/2025	NDMA_LL	2510021253B	N-Nitrosodimethylamine	1.04	ng/L	0.49	0.36		
10/2/2025	NDMA_LL	2510021253B	N-Nitrodimethylamine	0.86	ng/L	0.49	0.34		
10/2/2025	METALS	2510021415B	Potassium, Total	4.2	mg/L	2.0	0.4		
10/2/2025	METALS	2510021415B	Sodium, Total	64.8	mg/L	1.0	0.5		
10/2/2025	METALS	2510021415B	Nickel, Total	0.049	mg/L	0.040	0.003		
10/2/2025	METALS	2510021415B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
10/2/2025	METALS	2510021415B	Manganese, Total	0.212	mg/L	0.010	0.004		
10/2/2025	METALS	2510021415B	Magnesium, Total	60.7	mg/L	1.0	0.03		
10/2/2025	METALS	2510021415B	Calcium, Total	95.9	mg/L	1.0	0.3		
10/2/2025	METALS	2510021415B	Boron, Total	0.09	mg/L	0.20	0.02		J
10/2/2025	METALS	2510021415B	Barium, Total	0.021	mg/L	0.020	0.003		
10/2/2025	METALS	2510021415B	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
10/2/2025	METALS	2510021415B	Aluminum, Total	0.06	mg/L	0.10	0.03		J
10/2/2025	METALS	2510021415B	Strontium, Total	2.53	mg/L	0.10	0.002		
10/2/2025	METALS	2510021415B	Iron, Total	0.35	mg/L	0.10	0.07		
10/2/2025	ANIONS	2510021416B	Sulfate	295	mg/L	20	4		
10/2/2025	ANIONS	2510021416B	Alkalinity, Total as CaCO3	277	mg/L	2.0	1.8		
10/2/2025	ANIONS	2510021416B	Chloride	40.6	mg/L	2.0	0.5		
10/2/2025	ANIONS	2510021416B	Fluoride, undistilled	0.69	mg/L	0.10	0.010		
10/2/2025	SM2540C	2510021417B	Total Dissolved Solids (TDS)	806	mg/L	11	11		

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
10/2/2025	8260_LL	2510021317B	1,4-Dioxane, 2,5-dimethyl-	0.78	ug/L	NA	NA		J TIC
10/2/2025	8260_LL	2510021317B	Vinyl Chloride	0.5	ug/L	0.50	0.20		J A
10/2/2025	NDMA_LL	2510021340B	N-Nitrosodimethylamine	0.89	ng/L	0.48	0.35		
10/2/2025	NDMA_LL	2510021340B	N-Nitrodimethylamine	0.76	ng/L	0.48	0.34		
10/2/2025	METALS	2510021431B	Iron, Total	0.85	mg/L	0.10	0.07		
10/2/2025	METALS	2510021431B	Molybdenum, Total	0.008	mg/L	0.025	0.003		J
10/2/2025	METALS	2510021431B	Strontium, Total	2.43	mg/L	0.10	0.002		
10/2/2025	METALS	2510021431B	Sodium, Total	52.7	mg/L	1.0	0.5		
10/2/2025	METALS	2510021431B	Potassium, Total	4	mg/L	2.0	0.4		
10/2/2025	METALS	2510021431B	Nickel, Total	0.051	mg/L	0.040	0.003		
10/2/2025	METALS	2510021431B	Magnesium, Total	63.3	mg/L	1.0	0.03		
10/2/2025	METALS	2510021431B	Antimony, Total	0.0002	mg/L	0.0010	0.0002		J
10/2/2025	METALS	2510021431B	Calcium, Total	98.8	mg/L	1.0	0.3		
10/2/2025	METALS	2510021431B	Boron, Total	0.09	mg/L	0.20	0.02		J
10/2/2025	METALS	2510021431B	Barium, Total	0.067	mg/L	0.020	0.003		
10/2/2025	METALS	2510021431B	Manganese, Total	0.57	mg/L	0.010	0.004		
10/2/2025	ANIONS	2510021433B	Alkalinity, Total as CaCO3	264	mg/L	2.0	1.8		
10/2/2025	ANIONS	2510021433B	Chloride	40	mg/L	2.0	0.5		
10/2/2025	ANIONS	2510021433B	Fluoride, undistilled	0.72	mg/L	0.10	0.010		
10/2/2025	ANIONS	2510021433B	Sulfate	299	mg/L	20	4		
10/2/2025	SM2540C	2510021434B	Total Dissolved Solids (TDS)	811	mg/L	11	10		
10/2/2025	6850	2510021435B	Perchlorate	0.16	ug/L	0.20	0.10		J
10/2/2025	353.2	2510021436B	Nitrate+Nitrite as Nitrogen	0.031	mg/L	0.050	0.002		J

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
10/6/2025	8260_LL	2510061151B	Toluene	0.3	ug/L	0.50	0.20		J
10/6/2025	8260_LL	2510061151B	1,4-Dioxane	19	ug/L	40	6.4		J
10/6/2025	8260_LL	2510061151B	Carbon Dioxide	81	ug/L	NA	NA		J RB TIC TB
10/6/2025	8260_LL	2510061151B	1,4-Dioxane, 2,5-dimethyl-	2.1	ug/L	NA	NA		J TIC
10/6/2025	607	2510061153B	Bromacil	0.01	µg/L	0.011	0.0053	154	
10/6/2025	NDMA_LL	2510061154B	N-Nitrosodimethylamine	0.63	ng/L	0.5	0.36		QD
10/6/2025	NDMA_LL	2510061155B	N-Nitrosodimethylamine	1.82	ng/L	0.49	0.36		QD
10/6/2025	METALS	2510061222B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
10/6/2025	METALS	2510061222B	Nickel, Total	0.042	mg/L	0.040	0.003		
10/6/2025	METALS	2510061222B	Zinc, Total	0.063	mg/L	0.020	0.003		
10/6/2025	METALS	2510061222B	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
10/6/2025	METALS	2510061222B	Thallium, Total	0.0002	mg/L	0.0010	0.00004		J
10/6/2025	METALS	2510061222B	Strontium, Total	2.27	mg/L	0.10	0.002		
10/6/2025	METALS	2510061222B	Potassium, Total	3.6	mg/L	2.0	0.4		
10/6/2025	METALS	2510061222B	Arsenic, Total	0.001	mg/L	0.0010	0.0004		J
10/6/2025	METALS	2510061222B	Antimony, Total	0.0003	mg/L	0.0010	0.0002		J
10/6/2025	METALS	2510061222B	Lead, Total	0.004	mg/L	0.050	0.004		J
10/6/2025	METALS	2510061222B	Sodium, Total	38.1	mg/L	1.0	0.5		
10/6/2025	METALS	2510061222B	Calcium, Total	85.8	mg/L	1.0	0.3		
10/6/2025	METALS	2510061222B	Boron, Total	0.08	mg/L	0.20	0.02		J
10/6/2025	METALS	2510061222B	Barium, Total	0.04	mg/L	0.020	0.003		
10/6/2025	METALS	2510061222B	Magnesium, Total	57.4	mg/L	1.0	0.03		
10/6/2025	ANIONS	2510061223B	Sulfate	296	mg/L	20	4		
10/6/2025	ANIONS	2510061223B	Fluoride, undistilled	0.87	mg/L	0.10	0.010		
10/6/2025	ANIONS	2510061223B	Alkalinity, Total as CaCO3	178	mg/L	2.0	1.8		
10/6/2025	ANIONS	2510061223B	Chloride	42.4	mg/L	2.0	0.5		
10/6/2025	SM2540C	2510061250B	Total Dissolved Solids (TDS)	699	mg/L	11	10		
10/6/2025	6850	2510061251B	Perchlorate	0.5	ug/L	0.20	0.10		
10/6/2025	353.2	2510061252B	Nitrate+Nitrite as Nitrogen	0.995	mg/L	0.050	0.002		

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
10/6/2025	8260_LL	2510061201B	Carbon Dioxide	82	ug/L	NA	NA		J RB TIC FB
10/6/2025	8260_LL	2510061201B	Ethylene Oxide	1.7	ug/L	NA	NA		J TIC
10/6/2025	8260_LL	2510061201B	1,4-Dioxane, 2,5-dimethyl-	0.77	ug/L	NA	NA		J TIC
10/6/2025	NDMA_LL	2510061204B	N-Nitrosodimethylamine	0.59	ng/L	0.49	0.35		
10/6/2025	METALS	2510061242B	Calcium, Total	89.1	mg/L	1.0	0.3		
10/6/2025	METALS	2510061242B	Thallium, Total	0.0002	mg/L	0.0010	0.00004		J
10/6/2025	METALS	2510061242B	Strontium, Total	2.64	mg/L	0.10	0.002		
10/6/2025	METALS	2510061242B	Sodium, Total	47.8	mg/L	1.0	0.5		
10/6/2025	METALS	2510061242B	Potassium, Total	5.6	mg/L	2.0	0.4		
10/6/2025	METALS	2510061242B	Nickel, Total	0.05	mg/L	0.040	0.003		
10/6/2025	METALS	2510061242B	Molybdenum, Total	0.01	mg/L	0.025	0.003		J
10/6/2025	METALS	2510061242B	Boron, Total	0.08	mg/L	0.20	0.02		J
10/6/2025	METALS	2510061242B	Barium, Total	0.046	mg/L	0.020	0.003		
10/6/2025	METALS	2510061242B	Arsenic, Total	0.0014	mg/L	0.0010	0.0004		
10/6/2025	METALS	2510061242B	Antimony, Total	0.0004	mg/L	0.0010	0.0002		J
10/6/2025	METALS	2510061242B	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
10/6/2025	METALS	2510061242B	Manganese, Total	0.014	mg/L	0.010	0.004		
10/6/2025	METALS	2510061242B	Magnesium, Total	53.4	mg/L	1.0	0.03		
10/6/2025	METALS	2510061242B	Zinc, Total	0.025	mg/L	0.020	0.003		
10/6/2025	ANIONS	2510061243B	Alkalinity, Total as CaCO3	194	mg/L	2.0	1.8		
10/6/2025	ANIONS	2510061243B	Chloride	43.6	mg/L	2.0	0.5		
10/6/2025	ANIONS	2510061243B	Fluoride, undistilled	0.78	mg/L	0.10	0.010		
10/6/2025	ANIONS	2510061243B	Sulfate	307	mg/L	20	4		
10/6/2025	SM2540C	2510061310B	Total Dissolved Solids (TDS)	751	mg/L	11	10		
10/6/2025	6850	2510061311B	Perchlorate	0.44	ug/L	0.20	0.10		
10/6/2025	353.2	2510061312B	Nitrate+Nitrite as Nitrogen	0.639	mg/L	0.050	0.002		

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
10/7/2025	8260_LL	2510071121B	Toluene	0.5	ug/L	0.50	0.20		J
10/7/2025	8260_LL	2510071121B	Carbon Dioxide	88	ug/L	NA	NA		J RB TIC
10/7/2025	8260_LL	2510071121B	Glycidol	1.4	ug/L	NA	NA		J TIC
10/7/2025	8260_LL	2510071121B	1,4-Dioxane, 2,5-dimethyl-	0.34	ug/L	NA	NA		J TIC
10/7/2025	NDMA_LL	2510071124B	N-Nitrosodimethylamine	1.16	ng/L	0.5	0.37		
10/7/2025	METALS	2510071147B	Potassium, Total	5.9	mg/L	2.0	0.4		
10/7/2025	METALS	2510071147B	Boron, Total	0.09	mg/L	0.20	0.02		J
10/7/2025	METALS	2510071147B	Zinc, Total	0.181	mg/L	0.020	0.003		
10/7/2025	METALS	2510071147B	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
10/7/2025	METALS	2510071147B	Thallium, Total	0.0003	mg/L	0.0010	0.00004		J
10/7/2025	METALS	2510071147B	Strontium, Total	2.78	mg/L	0.10	0.002		
10/7/2025	METALS	2510071147B	Sodium, Total	53.2	mg/L	1.0	0.5		
10/7/2025	METALS	2510071147B	Nickel, Total	0.052	mg/L	0.040	0.003		
10/7/2025	METALS	2510071147B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
10/7/2025	METALS	2510071147B	Magnesium, Total	53.8	mg/L	1.0	0.03		
10/7/2025	METALS	2510071147B	Lead, Total	0.018	mg/L	0.050	0.004		J
10/7/2025	METALS	2510071147B	Calcium, Total	88.6	mg/L	1.0	0.3		
10/7/2025	METALS	2510071147B	Barium, Total	0.045	mg/L	0.020	0.003		
10/7/2025	METALS	2510071147B	Arsenic, Total	0.0011	mg/L	0.0010	0.0004		
10/7/2025	METALS	2510071147B	Copper, Total	0.012	mg/L	0.020	0.004		J
10/7/2025	ANIONS	2510071148B	Sulfate	307	mg/L	20	4		
10/7/2025	ANIONS	2510071148B	Fluoride, undistilled	0.75	mg/L	0.10	0.010		
10/7/2025	ANIONS	2510071148B	Chloride	43.3	mg/L	2.0	0.5		
10/7/2025	ANIONS	2510071148B	Alkalinity, Total as CaCO3	194	mg/L	2.0	1.8		
10/7/2025	SM2540C	2510071210B	Total Dissolved Solids (TDS)	749	mg/L	10	9		
10/7/2025	6850	2510071211B	Perchlorate	0.4	ug/L	0.20	0.10		
10/7/2025	353.2	2510071212B	Nitrate+Nitrite as Nitrogen	0.693	mg/L	0.050	0.002		

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
10/16/2025	8260_LL	2510160935A	Sulfur Dioxide	1.5	ug/L	NA	NA		J TIC FB
10/16/2025	8260_LL	2510160935A	Carbon Dioxide	87	ug/L	NA	NA		J RB TIC TB
10/16/2025	8260_LL	2510160935A	Trimethylsilyl fluoride	1.9	ug/L	NA	NA		J TIC
10/16/2025	NDMA_LL	2510160937A	N-Nitrosodimethylamine	1.16	ng/L	0.47	0.34		

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
10/16/2025	8260_LL	2510161432A	Carbon Dioxide	83	ug/L	NA	NA		J RB TIC FB
10/16/2025	8260_LL	2510161432A	Trimethylsilyl fluoride	2.9	ug/L	NA	NA		J TIC

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
10/9/2025	8260_LL	2510091201A	Sulfur Dioxide	2.3	ug/L	NA	NA		J RB TIC FB

Analytical Results for Sampling Events at NASA 10

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/23/2025	8260	2509230901A	Carbon Dioxide	98	ug/L	NA	NA		J RB TIC FB
9/23/2025	8260	2509230901A	Trichlorofluoromethane (CFC 11)	9.6	ug/L	1.0	0.24		
9/23/2025	8260	2509230901A	1,1,2-Trichloro-1,2,2-Trifluoroethane	1	ug/L	1.0	0.20		
9/23/2025	8260	2509230901A	Trimethylsilyl fluoride	5.2	ug/L	NA	NA		J TIC QD
9/23/2025	8260	2509230901A	Silane, methoxytrimethyl-	1.3	ug/L	NA	NA		J TIC QD
9/23/2025	8260	2509230903A	1,1,2-Trichloro-1,2,2-Trifluoroethane	1	ug/L	1.0	0.20		
9/23/2025	8260	2509230903A	Trichlorofluoromethane (CFC 11)	9.9	ug/L	1.0	0.24		
9/23/2025	8260	2509230903A	Carbon Dioxide	98	ug/L	NA	NA		J RB TIC FB
9/23/2025	8260	2509230903A	Trimethylsilyl fluoride	8.8	ug/L	NA	NA		J TIC QD
9/23/2025	8260	2509230903A	Sulfur Dioxide	1.1	ug/L	NA	NA		J TIC
9/23/2025	8260	2509230903A	Silane, methoxytrimethyl-	1.9	ug/L	NA	NA		J TIC QD
9/23/2025	607	2509230904A	Bromacil	0.11	µg/L	0.0094	0.0047	153	
9/23/2025	607	2509230904A	N-Nitrosodimethylamine	0.03	µg/L	0.0094	0.0047	79	
9/23/2025	607	2509230904A	N-Nitrodimethylamine	0.28	µg/L	0.0094	0.0047	120	
9/23/2025	METALS	2509230905A	Molybdenum, Total	0.017	mg/L	0.025	0.003		J
9/23/2025	METALS	2509230905A	Zinc, Total	0.004	mg/L	0.020	0.003		J
9/23/2025	METALS	2509230905A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
9/23/2025	METALS	2509230905A	Thallium, Total	0.0002	mg/L	0.0010	0.00004		J
9/23/2025	METALS	2509230905A	Strontium, Total	0.74	mg/L	0.10	0.002		
9/23/2025	METALS	2509230905A	Sodium, Total	47.8	mg/L	1.0	0.5		
9/23/2025	METALS	2509230905A	Nickel, Total	0.029	mg/L	0.040	0.003		J
9/23/2025	METALS	2509230905A	Magnesium, Total	31	mg/L	1.0	0.03		
9/23/2025	METALS	2509230905A	Chromium, Total	0.002	mg/L	0.010	0.002		J
9/23/2025	METALS	2509230905A	Calcium, Total	42.8	mg/L	1.0	0.3		
9/23/2025	METALS	2509230905A	Boron, Total	0.12	mg/L	0.20	0.02		J
9/23/2025	METALS	2509230905A	Barium, Total	0.051	mg/L	0.020	0.003		
9/23/2025	METALS	2509230905A	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
9/23/2025	METALS	2509230905A	Aluminum, Total	0.03	mg/L	0.10	0.03		J
9/23/2025	METALS	2509230905A	Potassium, Total	5.1	mg/L	2.0	0.4		
9/23/2025	ANIONS	2509230906A	Fluoride, undistilled	1.11	mg/L	0.10	0.010		
9/23/2025	ANIONS	2509230906A	Sulfate	82.4	mg/L	2.0	0.4		
9/23/2025	ANIONS	2509230906A	Chloride	14.2	mg/L	2.0	0.5		
9/23/2025	ANIONS	2509230906A	Alkalinity, Total as CaCO3	220	mg/L	2.0	1.8		
9/23/2025	6850	2509230907A	Perchlorate	0.41	ug/L	0.20	0.10		
9/23/2025	SM2540C	2509230908A	Total Dissolved Solids (TDS)	399	mg/L	10	9		
9/23/2025	300.0	2509230910A	Chloride	13.7	mg/L	2.0	0.5		
9/23/2025	353.2	2509230911A	Nitrate+Nitrite as Nitrogen	7.69	mg/L	0.50	0.02		

Analytical Results for Sampling Events at NASA 3

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/11/2025	8260_LL	2508111430B	Trimethylsilyl fluoride	5.9	ug/L	NA	NA		J TIC
8/11/2025	8260_LL	2508111430B	Methane, trimethoxy-	5.5	ug/L	NA	NA		J TIC
8/11/2025	METALS	2508111434B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
8/11/2025	METALS	2508111434B	Zinc, Total	0.016	mg/L	0.020	0.003		J
8/11/2025	METALS	2508111434B	Vanadium, Total	0.0008	mg/L	0.050	0.0007		J
8/11/2025	METALS	2508111434B	Thallium, Total	0.00009	mg/L	0.0010	0.00004		J
8/11/2025	METALS	2508111434B	Strontium, Total	1.21	mg/L	0.10	0.002		
8/11/2025	METALS	2508111434B	Sodium, Total	31	mg/L	1.0	0.5		
8/11/2025	METALS	2508111434B	Nickel, Total	0.03	mg/L	0.040	0.003		J
8/11/2025	METALS	2508111434B	Calcium, Total	107	mg/L	1.0	0.3		
8/11/2025	METALS	2508111434B	Boron, Total	0.05	mg/L	0.20	0.02		J
8/11/2025	METALS	2508111434B	Barium, Total	0.022	mg/L	0.020	0.003		
8/11/2025	METALS	2508111434B	Arsenic, Total	0.0011	mg/L	0.0010	0.0004		
8/11/2025	METALS	2508111434B	Magnesium, Total	52.9	mg/L	1.0	0.03		
8/11/2025	METALS	2508111434B	Potassium, Total	2.3	mg/L	2.0	0.4		
8/11/2025	METALS	2508111435B	Strontium, Total	1.22	mg/L	0.10	0.002		
8/11/2025	METALS	2508111435B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
8/11/2025	METALS	2508111435B	Magnesium, Total	53.1	mg/L	1.0	0.03		
8/11/2025	METALS	2508111435B	Sodium, Total	31.4	mg/L	1.0	0.5		
8/11/2025	METALS	2508111435B	Calcium, Total	108	mg/L	1.0	0.3		
8/11/2025	METALS	2508111435B	Boron, Total	0.05	mg/L	0.20	0.02		J
8/11/2025	METALS	2508111435B	Potassium, Total	2.3	mg/L	2.0	0.4		
8/11/2025	METALS	2508111435B	Arsenic, Total	0.0011	mg/L	0.0010	0.0004		
8/11/2025	METALS	2508111435B	Vanadium, Total	0.001	mg/L	0.050	0.0007		J
8/11/2025	METALS	2508111435B	Nickel, Total	0.029	mg/L	0.040	0.003		J
8/11/2025	METALS	2508111435B	Zinc, Total	0.017	mg/L	0.020	0.003		J
8/11/2025	METALS	2508111435B	Barium, Total	0.023	mg/L	0.020	0.003		
8/11/2025	METALS	2508111435B	Thallium, Total	0.00009	mg/L	0.0010	0.00004		J

Analytical Results for Sampling Events at NASA 5

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/23/2025	8260	2509231420A	1,1,2-Trichloro-1,2,2-Trifluoroethane	2	ug/L	1.0	0.20		
9/23/2025	8260	2509231420A	Trimethylsilyl fluoride	2.1	ug/L	NA	NA		J TIC
9/23/2025	8260	2509231420A	Carbon Dioxide	2.2	ug/L	NA	NA		J RB TIC
9/23/2025	8260	2509231420A	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/23/2025	8260	2509231420A	Trichlorofluoromethane (CFC 11)	22	ug/L	1.0	0.24		
9/23/2025	607	2509231422A	N-Nitrodimethylamine	0.89	µg/L	0.0095	0.0048	120	
9/23/2025	607	2509231422A	Bromacil	0.16	µg/L	0.0095	0.0048	153	Q
9/23/2025	607	2509231422A	N-Nitrosodimethylamine	0.23	µg/L	0.0095	0.0048	79	
9/23/2025	METALS	2509231423A	Potassium, Total	3.1	mg/L	2.0	0.4		
9/23/2025	METALS	2509231423A	Iron, Total	0.37	mg/L	0.10	0.07		
9/23/2025	METALS	2509231423A	Magnesium, Total	43.5	mg/L	1.0	0.03		
9/23/2025	METALS	2509231423A	Manganese, Total	0.004	mg/L	0.010	0.004		J
9/23/2025	METALS	2509231423A	Molybdenum, Total	0.008	mg/L	0.025	0.003		J
9/23/2025	METALS	2509231423A	Arsenic, Total	0.0009	mg/L	0.0010	0.0004		J
9/23/2025	METALS	2509231423A	Barium, Total	0.035	mg/L	0.020	0.003		
9/23/2025	METALS	2509231423A	Chromium, Total	0.034	mg/L	0.010	0.002		
9/23/2025	METALS	2509231423A	Boron, Total	0.28	mg/L	0.20	0.02		
9/23/2025	METALS	2509231423A	Nickel, Total	0.094	mg/L	0.040	0.003		
9/23/2025	METALS	2509231423A	Thallium, Total	0.00008	mg/L	0.0010	0.00004		J
9/23/2025	METALS	2509231423A	Calcium, Total	64.9	mg/L	1.0	0.3		
9/23/2025	METALS	2509231423A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
9/23/2025	METALS	2509231423A	Sodium, Total	71.3	mg/L	1.0	0.5		
9/23/2025	METALS	2509231423A	Strontium, Total	1.15	mg/L	0.10	0.002		
9/23/2025	METALS	2509231423A	Zinc, Total	0.004	mg/L	0.020	0.003		J
9/23/2025	SM2540C	2509231424A	Total Dissolved Solids (TDS)	575	mg/L	10	9		
9/23/2025	300.0	2509231426A	Chloride	39.8	mg/L	2.0	0.5		
9/23/2025	353.2	2509231427A	Nitrate+Nitrite as Nitrogen	8.52	mg/L	0.50	0.02		

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
10/6/2025	8260_LL	2510061300Y	Carbon Dioxide	88	ug/L	NA	NA		J RB TIC EB
10/6/2025	8260_LL	2510061300Y	Trimethylsilyl fluoride	1.2	ug/L	NA	NA		J TIC
10/6/2025	NDMA_LL	2510061301Y	N-Nitrosodimethylamine	0.89	ng/L	0.49	0.35		EB

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
10/2/2025	8260_LL	2510060912Y	Silane, methoxytrimethyl-	1.9	ug/L	NA	NA		J TIC TB EB
10/2/2025	8260_LL	2510060912Y	Trimethylsilyl fluoride	4.1	ug/L	NA	NA		J TIC
10/2/2025	8260_LL	2510060912Y	Carbon Dioxide	88	ug/L	NA	NA		J RB TIC
10/2/2025	NDMA_LL	2510060913Y	N-Nitrosodimethylamine	0.78	ng/L	0.47	0.34		EB

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
9/3/2025	8260_LL	2509031231B	Cyclobutanol	3.1	ug/L	NA	NA		J TIC
9/3/2025	8260_LL	2509031231B	Toluene	0.34	ug/L	0.50	0.20		J
9/3/2025	8260_LL	2509031231B	Trichloroethene (TCE)	0.21	ug/L	0.50	0.20		J
9/3/2025	8260_LL	2509031231B	Trichlorofluoromethane (CFC 11)	0.33	ug/L	0.50	0.24		J
9/3/2025	8260_LL	2509031231B	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC
9/3/2025	8260_LL	2509031231B	Trimethylsilyl fluoride	1.8	ug/L	NA	NA		J TIC
9/3/2025	607	2509031233B	Bromacil	0.04	µg/L	0.0099	0.005	139	
9/3/2025	NDMA_LL	2509031234B	N-Nitrosodimethylamine	1.97	ng/L	0.5	0.36		RB FB
9/3/2025	METALS	2509031312B	Boron, Total	0.11	mg/L	0.20	0.02		J
9/3/2025	METALS	2509031312B	Sodium, Total	67.5	mg/L	1.0	0.5		
9/3/2025	METALS	2509031312B	Potassium, Total	4.5	mg/L	2.0	0.4		
9/3/2025	METALS	2509031312B	Nickel, Total	0.036	mg/L	0.040	0.003		J
9/3/2025	METALS	2509031312B	Molybdenum, Total	0.012	mg/L	0.025	0.003		J
9/3/2025	METALS	2509031312B	Manganese, Total	0.055	mg/L	0.010	0.004		
9/3/2025	METALS	2509031312B	Magnesium, Total	55.1	mg/L	1.0	0.03		
9/3/2025	METALS	2509031312B	Calcium, Total	94.3	mg/L	1.0	0.3		
9/3/2025	METALS	2509031312B	Zinc, Total	0.037	mg/L	0.020	0.003		
9/3/2025	METALS	2509031312B	Barium, Total	0.038	mg/L	0.020	0.003		
9/3/2025	METALS	2509031312B	Arsenic, Total	0.0011	mg/L	0.0010	0.0004		
9/3/2025	METALS	2509031312B	Antimony, Total	0.0003	mg/L	0.0010	0.0002		J
9/3/2025	METALS	2509031312B	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
9/3/2025	METALS	2509031312B	Strontium, Total	2.77	mg/L	0.10	0.002		
9/3/2025	METALS	2509031312B	Iron, Total	0.13	mg/L	0.10	0.07		

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
9/3/2025	8260_LL	2509031256B	Trimethylsilyl fluoride	2	ug/L	NA	NA		J TIC
9/3/2025	8260_LL	2509031256B	Carbon Dioxide	98	ug/L	NA	NA		J RB TIC FB
9/3/2025	NDMA_LL	2509031259B	N-Nitrosodimethylamine	1.23	ng/L	0.5	0.37		RB FB
9/3/2025	NDMA_LL	2509031325B	N-Nitrosodimethylamine	1.39	ng/L	0.5	0.36		RB FB
9/3/2025	METALS	2509031329B	Zinc, Total	0.197	mg/L	0.020	0.003		
9/3/2025	METALS	2509031329B	Arsenic, Total	0.0015	mg/L	0.0010	0.0004		
9/3/2025	METALS	2509031329B	Barium, Total	0.034	mg/L	0.020	0.003		
9/3/2025	METALS	2509031329B	Boron, Total	0.13	mg/L	0.20	0.02		J
9/3/2025	METALS	2509031329B	Calcium, Total	90.5	mg/L	1.0	0.3		
9/3/2025	METALS	2509031329B	Magnesium, Total	53.4	mg/L	1.0	0.03		
9/3/2025	METALS	2509031329B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
9/3/2025	METALS	2509031329B	Nickel, Total	0.047	mg/L	0.040	0.003		
9/3/2025	METALS	2509031329B	Potassium, Total	4.4	mg/L	2.0	0.4		
9/3/2025	METALS	2509031329B	Sodium, Total	73.9	mg/L	1.0	0.5		
9/3/2025	METALS	2509031329B	Strontium, Total	2.74	mg/L	0.10	0.002		
9/3/2025	METALS	2509031329B	Vanadium, Total	0.007	mg/L	0.050	0.0007		J

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
9/4/2025	8260_LL	2509041151B	1,4-Dioxane, 2,5-dimethyl-	1	ug/L	NA	NA		J TIC
9/4/2025	8260_LL	2509041151B	Acetic Acid	0.84	ug/L	NA	NA		J TIC
9/4/2025	8260_LL	2509041151B	Trimethylsilyl fluoride	1.7	ug/L	NA	NA		J TIC
9/4/2025	8260_LL	2509041151B	Carbon Dioxide	94	ug/L	NA	NA		J RB TIC FB
9/4/2025	NDMA_LL	2509041154B	N-Nitrosodimethylamine	1.7	ng/L	0.49	0.35		RB FB
9/4/2025	METALS	2509041312B	Calcium, Total	99.3	mg/L	1.0	0.3		
9/4/2025	METALS	2509041312B	Vanadium, Total	0.007	mg/L	0.050	0.0007		J
9/4/2025	METALS	2509041312B	Strontium, Total	3.01	mg/L	0.10	0.002		
9/4/2025	METALS	2509041312B	Sodium, Total	53.4	mg/L	1.0	0.5		
9/4/2025	METALS	2509041312B	Potassium, Total	4.2	mg/L	2.0	0.4		
9/4/2025	METALS	2509041312B	Nickel, Total	0.042	mg/L	0.040	0.003		
9/4/2025	METALS	2509041312B	Zinc, Total	0.037	mg/L	0.020	0.003		
9/4/2025	METALS	2509041312B	Barium, Total	0.029	mg/L	0.020	0.003		
9/4/2025	METALS	2509041312B	Arsenic, Total	0.001	mg/L	0.0010	0.0004		J
9/4/2025	METALS	2509041312B	Antimony, Total	0.0004	mg/L	0.0010	0.0002		J
9/4/2025	METALS	2509041312B	Boron, Total	0.07	mg/L	0.20	0.02		J
9/4/2025	METALS	2509041312B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J
9/4/2025	METALS	2509041312B	Magnesium, Total	60.3	mg/L	1.0	0.03		

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
9/4/2025	8260_LL	2509041221B	1,4-Dioxane, 2,5-dimethyl-	0.63	ug/L	NA	NA		J TIC
9/4/2025	8260_LL	2509041221B	Carbon Dioxide	89	ug/L	NA	NA		J RB TIC FB
9/4/2025	8260_LL	2509041221B	Trimethylsilyl fluoride	1.6	ug/L	NA	NA		J TIC
9/4/2025	NDMA_LL	2509041224B	N-Nitrosodimethylamine	0.79	ng/L	0.5	0.36		RB
9/4/2025	METALS	2509041321B	Vanadium, Total	0.013	mg/L	0.050	0.0007		J
9/4/2025	METALS	2509041321B	Strontium, Total	3.24	mg/L	0.10	0.002		
9/4/2025	METALS	2509041321B	Sodium, Total	55.1	mg/L	1.0	0.5		
9/4/2025	METALS	2509041321B	Nickel, Total	0.039	mg/L	0.040	0.003		J
9/4/2025	METALS	2509041321B	Magnesium, Total	52.1	mg/L	1.0	0.03		
9/4/2025	METALS	2509041321B	Zinc, Total	0.183	mg/L	0.020	0.003		
9/4/2025	METALS	2509041321B	Arsenic, Total	0.0012	mg/L	0.0010	0.0004		
9/4/2025	METALS	2509041321B	Potassium, Total	5.1	mg/L	2.0	0.4		
9/4/2025	METALS	2509041321B	Copper, Total	0.015	mg/L	0.020	0.004		J
9/4/2025	METALS	2509041321B	Barium, Total	0.039	mg/L	0.020	0.003		
9/4/2025	METALS	2509041321B	Boron, Total	0.06	mg/L	0.20	0.02		J
9/4/2025	METALS	2509041321B	Calcium, Total	81.9	mg/L	1.0	0.3		
9/4/2025	METALS	2509041321B	Lead, Total	0.012	mg/L	0.050	0.004		J
9/4/2025	METALS	2509041321B	Molybdenum, Total	0.011	mg/L	0.025	0.003		J

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
9/4/2025	8260_LL	2509041251B	Toluene	0.22	ug/L	0.50	0.20		J
9/4/2025	8260_LL	2509041251B	Carbon Dioxide	80	ug/L	NA	NA		J RB TIC FB
9/4/2025	8260_LL	2509041251B	1,4-Dioxane, 2,5-dimethyl-	0.82	ug/L	NA	NA		J TIC
9/4/2025	NDMA_LL	2509041254B	N-Nitrosodimethylamine	0.72	ng/L	0.5	0.36		RB
9/4/2025	METALS	2509041336B	Manganese, Total	0.027	mg/L	0.010	0.004		
9/4/2025	METALS	2509041336B	Barium, Total	0.024	mg/L	0.020	0.003		
9/4/2025	METALS	2509041336B	Boron, Total	0.27	mg/L	0.20	0.02		
9/4/2025	METALS	2509041336B	Magnesium, Total	20.5	mg/L	1.0	0.03		
9/4/2025	METALS	2509041336B	Lead, Total	0.004	mg/L	0.050	0.004		J
9/4/2025	METALS	2509041336B	Molybdenum, Total	0.019	mg/L	0.025	0.003		J
9/4/2025	METALS	2509041336B	Zinc, Total	0.064	mg/L	0.020	0.003		
9/4/2025	METALS	2509041336B	Chromium, Total	0.005	mg/L	0.010	0.002		J
9/4/2025	METALS	2509041336B	Calcium, Total	43.9	mg/L	1.0	0.3		
9/4/2025	METALS	2509041336B	Arsenic, Total	0.0043	mg/L	0.0010	0.0004		
9/4/2025	METALS	2509041336B	Vanadium, Total	0.021	mg/L	0.050	0.0007		J
9/4/2025	METALS	2509041336B	Strontium, Total	1.44	mg/L	0.10	0.002		
9/4/2025	METALS	2509041336B	Sodium, Total	125	mg/L	1.0	0.5		
9/4/2025	METALS	2509041336B	Potassium, Total	4.4	mg/L	2.0	0.4		
9/4/2025	METALS	2509041336B	Nickel, Total	0.048	mg/L	0.040	0.003		

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
8/15/2025	8260	2508151025A	1,1,2-Trichloro-1,2,2-Trifluoroethane	2.9	ug/L	1.0	0.20		
8/15/2025	8260	2508151025A	Trichlorofluoromethane (CFC 11)	6	ug/L	1.0	0.24		A
8/15/2025	8260	2508151025A	Trichloroethene (TCE)	6.4	ug/L	1.0	0.20		
8/15/2025	8260	2508151026A	1,1,2-Trichloro-1,2,2-Trifluoroethane	3	ug/L	1.0	0.20		
8/15/2025	8260	2508151026A	Trichlorofluoromethane (CFC 11)	5.7	ug/L	1.0	0.24		A
8/15/2025	8260	2508151026A	Trichloroethene (TCE)	5.9	ug/L	1.0	0.20		
8/15/2025	NDMA_LL	2508151029A	N-Nitrosodimethylamine	0.68	ng/L	0.47	0.34		
8/15/2025	NDMA_LL	2508151030A	N-Nitrosodimethylamine	0.57	ng/L	0.47	0.34		
8/15/2025	METALS	2508151032A	Zinc, Total	0.005	mg/L	0.020	0.003		J
8/15/2025	METALS	2508151032A	Strontium, Total	2.39	mg/L	0.10	0.002		
8/15/2025	METALS	2508151032A	Boron, Total	0.06	mg/L	0.20	0.02		J
8/15/2025	METALS	2508151032A	Magnesium, Total	64.5	mg/L	1.0	0.03		
8/15/2025	METALS	2508151032A	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
8/15/2025	METALS	2508151032A	Sodium, Total	36.8	mg/L	1.0	0.5		
8/15/2025	METALS	2508151032A	Arsenic, Total	0.0008	mg/L	0.0010	0.0004		J
8/15/2025	METALS	2508151032A	Barium, Total	0.026	mg/L	0.020	0.003		
8/15/2025	METALS	2508151032A	Potassium, Total	3.6	mg/L	2.0	0.4		
8/15/2025	METALS	2508151032A	Nickel, Total	0.037	mg/L	0.040	0.003		J
8/15/2025	METALS	2508151032A	Molybdenum, Total	0.007	mg/L	0.025	0.003		J
8/15/2025	METALS	2508151032A	Calcium, Total	105	mg/L	1.0	0.3		
8/15/2025	ANIONS	2508151033A	Sulfate	321	mg/L	20	4		
8/15/2025	ANIONS	2508151033A	Fluoride, undistilled	0.8	mg/L	0.10	0.010		
8/15/2025	ANIONS	2508151033A	Alkalinity, Total as CaCO3	236	mg/L	2.0	1.8		
8/15/2025	ANIONS	2508151033A	Chloride	37.1	mg/L	2.0	0.5		
8/15/2025	SM2540C	2508151034A	Total Dissolved Solids (TDS)	803	mg/L	10	10		
8/15/2025	6850	2508151035A	Perchlorate	0.36	ug/L	0.20	0.019		
8/15/2025	353.2	2508151036A	Nitrate+Nitrite as Nitrogen	0.701	mg/L	0.050	0.002		

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
8/18/2025	8260	2508181015A	Acetic Acid	0.5	ug/L	NA	NA		J RB TIC
8/18/2025	8260	2508181015A	Trichloroethene (TCE)	3.7	ug/L	1.0	0.20		
8/18/2025	8260	2508181015A	Trichlorofluoromethane (CFC 11)	4.5	ug/L	1.0	0.24		A
8/18/2025	8260	2508181015A	1,1,2-Trichloro-1,2,2-Trifluoroethane	2.1	ug/L	1.0	0.20		
8/18/2025	8260	2508181015A	Silane, methoxytrimethyl-	1.9	ug/L	NA	NA		J TIC FB
8/18/2025	NDMA_LL	2508181023A	N-Nitrosodimethylamine	1.7	ng/L	0.48	0.35		A FB
8/18/2025	METALS	2508181028A	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
8/18/2025	METALS	2508181028A	Magnesium, Total	65	mg/L	1.0	0.03		
8/18/2025	METALS	2508181028A	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
8/18/2025	METALS	2508181028A	Nickel, Total	0.034	mg/L	0.040	0.003		J
8/18/2025	METALS	2508181028A	Potassium, Total	3.8	mg/L	2.0	0.4		
8/18/2025	METALS	2508181028A	Sodium, Total	37.9	mg/L	1.0	0.5		
8/18/2025	METALS	2508181028A	Strontium, Total	2.42	mg/L	0.10	0.002		
8/18/2025	METALS	2508181028A	Zinc, Total	0.007	mg/L	0.020	0.003		J
8/18/2025	METALS	2508181028A	Calcium, Total	106	mg/L	1.0	0.3		
8/18/2025	METALS	2508181028A	Barium, Total	0.027	mg/L	0.020	0.003		
8/18/2025	METALS	2508181028A	Boron, Total	0.06	mg/L	0.20	0.02		J
8/18/2025	METALS	2508181028A	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
8/18/2025	ANIONS	2508181030A	Fluoride, undistilled	0.79	mg/L	0.10	0.010		
8/18/2025	ANIONS	2508181030A	Chloride	36.7	mg/L	2.0	0.5		
8/18/2025	ANIONS	2508181030A	Sulfate	305	mg/L	20	4		
8/18/2025	ANIONS	2508181030A	Alkalinity, Total as CaCO3	236	mg/L	2.0	1.8		
8/18/2025	SM2540C	2508181032A	Total Dissolved Solids (TDS)	803	mg/L	10	9		
8/18/2025	6850	2508181034A	Perchlorate	0.33	ug/L	0.20	0.019		
8/18/2025	353.2	2508181036A	Nitrate+Nitrite as Nitrogen	0.725	mg/L	0.050	0.002		

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
9/16/2025	8260	2509161346C	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.24	ug/L	1.0	0.20		J
9/16/2025	8260	2509161346C	Dichlorofluoromethane (CFC 21)	0.67	ug/L	1.0	0.20		J
9/16/2025	8260	2509161346C	Tetrachloroethene (PCE)	0.9	ug/L	1.0	0.21		J
9/16/2025	8260	2509161346C	Trichlorofluoromethane (CFC 11)	43	ug/L	1.0	0.24		
9/16/2025	8260	2509161346C	Carbon Dioxide	86	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509161346C	Trimethylsilyl fluoride	4.1	ug/L	NA	NA		J TIC
9/16/2025	8260	2509161346C	Sulfur Dioxide	3.5	ug/L	NA	NA		J RB TIC FB
9/16/2025	8260	2509161346C	Silane, methoxytrimethyl-	1.3	ug/L	NA	NA		J TIC
9/16/2025	8260	2509161346C	Glycolaldehyde dimethyl acetal	1.8	ug/L	NA	NA		J TIC
9/16/2025	8260	2509161346C	Trichloroethene (TCE)	52	ug/L	1.0	0.20		
9/16/2025	8260	2509161346C	1,1,2-Trichloro-1,2,2-Trifluoroethane	35	ug/L	1.0	0.20		
9/16/2025	607	2509161348C	Bromacil	0.007	µg/L	0.0096	0.0048	145	J
9/16/2025	607	2509161348C	N-Nitrodimethylamine	0.02	µg/L	0.0096	0.0048	104	
9/16/2025	607	2509161348C	N-Nitrosodimethylamine	0.01	µg/L	0.0096	0.0048	65	
9/16/2025	NDMA_LL	2509161349C	N-Nitrosodimethylamine	47.3	ng/L	0.5	0.36		RB
9/16/2025	NDMA_LL	2509161349C	N-Nitrodimethylamine	25.2	ng/L	0.5	0.35		

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
9/2/2025	8260	2509020950A	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC TB
9/2/2025	NDMA_LL	2509020952A	N-Nitrosodimethylamine	0.7	ng/L	0.48	0.35		RB TB FB
9/2/2025	NDMA_LL	2509020953A	N-Nitrosodimethylamine	0.64	ng/L	0.48	0.35		RB TB FB

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
10/2/2025	NDMA_LL	2510020902Y	N-Nitrosodimethylamine	0.8	ng/L	0.53	0.38		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
10/1/2025	8260_LL	2510011042Y	Silane, methoxytrimethyl-	4	ug/L	NA	NA		J TIC EB

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
8/1/2025	8260_LL	2508011115Y	Ethyne, fluoro-	53	ug/L	NA	NA		J TIC
8/1/2025	8260_LL	2508011115Y	Cyclotetrasiloxane, octamethyl-	0.67	ug/L	NA	NA		J TIC EB
8/1/2025	NDMA_LL	2508011117Y	N-Nitrosodimethylamine	0.38	ng/L	0.47	0.34		J

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
9/11/2025	8260_LL	2509111500Y	Carbon Dioxide	93	ug/L	NA	NA		J RB TIC EB
9/11/2025	8260_LL	2509111500Y	Sulfur Dioxide	2.3	ug/L	NA	NA		J RB TIC EB
9/11/2025	8260_LL	2509111500Y	Trimethylsilyl fluoride	4.5	ug/L	NA	NA		J TIC
9/11/2025	8260_LL	2509111500Y	Silane, methoxytrimethyl-	0.97	ug/L	NA	NA		J TIC EB
9/11/2025	NDMA_LL	2509150830Y	N-Nitrosodimethylamine	0.99	ng/L	0.5	0.36		RB EB

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
9/11/2025	8260_LL	2509111010Y	Silane, methoxytrimethyl-	1.3	ug/L	NA	NA		J TIC EB
9/11/2025	8260_LL	2509111010Y	Carbon Dioxide	93	ug/L	NA	NA		J RB TIC TB
9/11/2025	8260_LL	2509111010Y	Sulfur Dioxide	15	ug/L	NA	NA		J RB TIC TB
9/11/2025	8260_LL	2509111010Y	Trimethylsilyl fluoride	5.9	ug/L	NA	NA		J TIC
9/11/2025	NDMA_LL	2509111037Y	N-Nitrosodimethylamine	1.13	ng/L	0.49	0.35		RB EB

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
9/4/2025	8260_LL	2509040945A	Carbon Dioxide	86	ug/L	NA	NA		J RB TIC TB
9/4/2025	8260_LL	2509040945A	1-Hexanol, 2-ethyl-	1.3	ug/L	NA	NA		J TIC
9/4/2025	8260_LL	2509040945A	Acetic Acid	6.3	ug/L	NA	NA		J TIC TB
9/4/2025	8260_LL	2509040945A	Cyclotrisiloxane, hexamethyl-	1	ug/L	NA	NA		J TIC TB
9/4/2025	NDMA_LL	2509040947A	N-Nitrosodimethylamine	0.52	ng/L	0.48	0.35		RB TB 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
9/4/2025	8260_LL	2509041415A	Carbon Dioxide	97	ug/L	NA	NA		J RB TIC
9/4/2025	8260_LL	2509041415A	Trimethylsilyl fluoride	7.1	ug/L	NA	NA		J TIC
9/4/2025	8260_LL	2509041415A	Silane, methoxytrimethyl-	1.4	ug/L	NA	NA		J TIC
9/4/2025	8260_LL	2509041415A	Silanol, trimethyl-	2.1	ug/L	NA	NA		J TIC
9/4/2025	METALS	2509041420A	Zinc, Total	0.004	mg/L	0.020	0.003		J
9/4/2025	METALS	2509041420A	Barium, Total	0.028	mg/L	0.020	0.003		
9/4/2025	METALS	2509041420A	Boron, Total	0.16	mg/L	0.20	0.02		J
9/4/2025	METALS	2509041420A	Calcium, Total	47.1	mg/L	1.0	0.3		
9/4/2025	METALS	2509041420A	Magnesium, Total	26.9	mg/L	1.0	0.03		
9/4/2025	METALS	2509041420A	Molybdenum, Total	0.037	mg/L	0.025	0.003		
9/4/2025	METALS	2509041420A	Nickel, Total	0.074	mg/L	0.080	0.006		J
9/4/2025	METALS	2509041420A	Potassium, Total	7.4	mg/L	2.0	0.4		
9/4/2025	METALS	2509041420A	Sodium, Total	81.8	mg/L	1.0	0.5		
9/4/2025	METALS	2509041420A	Vanadium, Total	0.014	mg/L	0.050	0.0007		J
9/4/2025	METALS	2509041420A	Strontium, Total	1.84	mg/L	0.10	0.002		
9/4/2025	METALS	2509041420A	Arsenic, Total	0.0036	mg/L	0.0010	0.0004		

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
9/11/2025	8260_LL	2509111011C	Carbon Dioxide	90	ug/L	NA	NA		J RB TIC FB
9/11/2025	8260_LL	2509111011C	Silane, methoxytrimethyl-	0.89	ug/L	NA	NA		J TIC
9/11/2025	8260_LL	2509111011C	Trimethylsilyl fluoride	2.7	ug/L	NA	NA		J TIC
9/11/2025	8260_LL	2509111011C	Sulfur Dioxide	2.1	ug/L	NA	NA		J RB TIC FB
9/11/2025	NDMA_LL	2509111013C	N-Nitrosodimethylamine	1.67	ng/L	0.48	0.35		RB FB

Analytical Results for Sampling Events at ST-5-1175

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/13/2025	NDMA_LL	2508140857Y	N-Nitrosodimethylamine	0.37	ng/L	0.48	0.35		J EB
8/13/2025	METALS	2508140935Y	Vanadium, Total	0.009	mg/L	0.050	0.0007		J
8/13/2025	METALS	2508140935Y	Strontium, Total	2.06	mg/L	0.10	0.002		
8/13/2025	METALS	2508140935Y	Sodium, Total	213	mg/L	1.0	0.5		
8/13/2025	METALS	2508140935Y	Potassium, Total	10	mg/L	2.0	0.4		
8/13/2025	METALS	2508140935Y	Manganese, Total	0.044	mg/L	0.010	0.004		
8/13/2025	METALS	2508140935Y	Zinc, Total	0.004	mg/L	0.020	0.003		J
8/13/2025	METALS	2508140935Y	Magnesium, Total	32.9	mg/L	1.0	0.03		
8/13/2025	METALS	2508140935Y	Calcium, Total	96.1	mg/L	1.0	0.3		
8/13/2025	METALS	2508140935Y	Boron, Total	0.32	mg/L	0.20	0.02		
8/13/2025	METALS	2508140935Y	Barium, Total	0.024	mg/L	0.020	0.003		
8/13/2025	METALS	2508140935Y	Arsenic, Total	0.0031	mg/L	0.0010	0.0004		
8/13/2025	METALS	2508140935Y	Nickel, Total	0.065	mg/L	0.080	0.006		J
8/13/2025	METALS	2508140935Y	Molybdenum, Total	0.015	mg/L	0.025	0.003		J
8/13/2025	ANIONS	2508140936Y	Alkalinity, Total as CaCO3	92.8	mg/L	2.0	1.8		
8/13/2025	ANIONS	2508140936Y	Sulfate	651	mg/L	20	4		
8/13/2025	ANIONS	2508140936Y	Fluoride, undistilled	0.33	mg/L	0.10	0.010		
8/13/2025	ANIONS	2508140936Y	Chloride	77.4	mg/L	2.0	0.5		
8/13/2025	SM2540C	2508141015Y	Total Dissolved Solids (TDS)	1250	mg/L	13	12		
8/13/2025	6850	2508141016Y	Perchlorate	0.72	ug/L	0.20	0.019		
8/13/2025	353.2	2508141017Y	Nitrate+Nitrite as Nitrogen	1.21	mg/L	0.050	0.002		

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
8/13/2025	8260_LL	2508131020Y	Silane, methoxytrimethyl-	2.2	ug/L	NA	NA		J RB TIC EB
8/13/2025	8260_LL	2508131020Y	Cyclotetrasiloxane, octamethyl-	1.8	ug/L	NA	NA		J RB TIC EB
8/13/2025	NDMA_LL	2508131021Y	N-Nitrosodimethylamine	0.83	ng/L	0.49	0.35		TB EB
8/13/2025	NDMA_LL	2508131320Y	N-Nitrodimethylamine	4.54	ng/L	0.47	0.33		
8/13/2025	NDMA_LL	2508131320Y	N-Nitrosodimethylamine	5.47	ng/L	0.47	0.34		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
8/11/2025	NDMA_LL	2508111031Y	N-Nitrosodimethylamine	1.26	ng/L	0.48	0.35		RB TB EB

Analytical Results for Sampling Events at ST-5-815

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/12/2025	8260_LL	2508121325Y	Silane, methoxytrimethyl-	1.6	ug/L	NA	NA		J RB TIC TB
8/12/2025	8260_LL	2508121325Y	Cyclotrisiloxane, hexamethyl-	0.92	ug/L	NA	NA		J RB TIC TB
8/12/2025	8260_LL	2508121325Y	Cyclotetrasiloxane, octamethyl-	6.2	ug/L	NA	NA		J RB TIC TB
8/12/2025	METALS	2508121401Y	Vanadium, Total	0.011	mg/L	0.050	0.0007		J
8/12/2025	METALS	2508121401Y	Strontium, Total	2.06	mg/L	0.10	0.002		
8/12/2025	METALS	2508121401Y	Arsenic, Total	0.0017	mg/L	0.0010	0.0004		
8/12/2025	METALS	2508121401Y	Barium, Total	0.024	mg/L	0.020	0.003		
8/12/2025	METALS	2508121401Y	Boron, Total	0.17	mg/L	0.20	0.02		J
8/12/2025	METALS	2508121401Y	Calcium, Total	47.6	mg/L	1.0	0.3		
8/12/2025	METALS	2508121401Y	Chromium, Total	0.002	mg/L	0.010	0.002		J
8/12/2025	METALS	2508121401Y	Magnesium, Total	32.1	mg/L	1.0	0.03		
8/12/2025	METALS	2508121401Y	Molybdenum, Total	0.013	mg/L	0.025	0.003		J
8/12/2025	METALS	2508121401Y	Nickel, Total	0.043	mg/L	0.040	0.003		
8/12/2025	METALS	2508121401Y	Sodium, Total	82.7	mg/L	1.0	0.5		
8/12/2025	METALS	2508121401Y	Zinc, Total	0.012	mg/L	0.020	0.003		J
8/12/2025	METALS	2508121401Y	Potassium, Total	4	mg/L	2.0	0.4		
8/12/2025	ANIONS	2508121435Y	Alkalinity, Total as CaCO3	157	mg/L	2.0	1.8		
8/12/2025	ANIONS	2508121435Y	Chloride	737	mg/L	20	5		
8/12/2025	ANIONS	2508121435Y	Fluoride, undistilled	0.61	mg/L	0.10	0.010		
8/12/2025	ANIONS	2508121435Y	Sulfate	223	mg/L	20	4		
8/12/2025	SM2540C	2508121436Y	Total Dissolved Solids (TDS)	582	mg/L	10	9		
8/12/2025	6850	2508121437Y	Perchlorate	0.25	ug/L	0.20	0.019		
8/12/2025	353.2	2508121438Y	Nitrate+Nitrite as Nitrogen	0.704	mg/L	0.050	0.002		

Analytical Results for Sampling Events at ST-5-985

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/11/2025	NDMA_LL	2508120830Y	N-Nitrosodimethylamine	1.2	ng/L	0.48	0.35		RB EB
8/11/2025	METALS	2508120831Y	Calcium, Total	75.9	mg/L	1.0	0.3		
8/11/2025	METALS	2508120831Y	Zinc, Total	0.004	mg/L	0.020	0.003		J
8/11/2025	METALS	2508120831Y	Arsenic, Total	0.0018	mg/L	0.0010	0.0004		
8/11/2025	METALS	2508120831Y	Barium, Total	0.017	mg/L	0.020	0.003		J
8/11/2025	METALS	2508120831Y	Boron, Total	0.22	mg/L	0.20	0.02		
8/11/2025	METALS	2508120831Y	Chromium, Total	0.003	mg/L	0.010	0.002		J
8/11/2025	METALS	2508120831Y	Molybdenum, Total	0.016	mg/L	0.025	0.003		J
8/11/2025	METALS	2508120831Y	Nickel, Total	0.053	mg/L	0.040	0.003		
8/11/2025	METALS	2508120831Y	Potassium, Total	5.5	mg/L	2.0	0.4		
8/11/2025	METALS	2508120831Y	Sodium, Total	147	mg/L	1.0	0.5		
8/11/2025	METALS	2508120831Y	Strontium, Total	3.49	mg/L	0.10	0.002		
8/11/2025	METALS	2508120831Y	Magnesium, Total	49.7	mg/L	1.0	0.03		
8/11/2025	METALS	2508120831Y	Vanadium, Total	0.011	mg/L	0.050	0.0007		J

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
9/8/2025	8260_LL	2509081321B	n-Hexadecanoic acid	0.46	ug/L	NA	NA		J RB TIC
9/8/2025	8260_LL	2509081321B	Cyclohexane	48	ug/L	NA	NA		J RB TIC
9/8/2025	8260_LL	2509081321B	Butane, 2-methoxy-2-methyl-	2200	ug/L	NA	NA		J RB TIC
9/8/2025	8260_LL	2509081321B	Stearic Acid (Octadecanoic Acid)	0.33	ug/L	NA	NA		J RB TIC
9/8/2025	8260_LL	2509081321B	Toluene	4.5	ug/L	NA	NA		J RB TIC
9/8/2025	8260_LL	2509081321B	1,4-Dioxane, 2,5-dimethyl-	7.3	ug/L	NA	NA		J TIC
9/8/2025	8260_LL	2509081321B	Methane-d, trichloro-	9.3	ug/L	NA	NA		J RB TIC
9/8/2025	8260_LL	2509081321B	Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	5.4	ug/L	NA	NA		J TIC
9/8/2025	8260_LL	2509081321B	Pentane, 3-methoxy-	5.3	ug/L	NA	NA		J TIC
9/8/2025	8260_LL	2509081321B	Cyclopentasiloxane, decamethyl-	0.24	ug/L	NA	NA		J RB TIC
9/8/2025	8260_LL	2509081321B	(S)-(+)-6-Methyl-1-octanol	0.24	ug/L	NA	NA		J TIC
9/8/2025	8260_LL	2509081321B	Benzenesulfonamide, N-butyl-	36	ug/L	NA	NA		J TIC
9/8/2025	8260_LL	2509081321B	Acetic acid ethenyl ester	1.9	ug/L	NA	NA		J TIC
9/8/2025	607	2509081323B	Strontium, Total	2.76	mg/L	0.10	0.002		
9/8/2025	607	2509081323B	Nickel, Total	0.133	mg/L	0.040	0.003		
9/8/2025	607	2509081323B	Zinc, Total	0.342	mg/L	0.020	0.003		
9/8/2025	607	2509081323B	Vanadium, Total	0.006	mg/L	0.050	0.0007		J
9/8/2025	607	2509081323B	Potassium, Total	4.4	mg/L	2.0	0.4		
9/8/2025	607	2509081323B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J RB
9/8/2025	607	2509081323B	Magnesium, Total	55.9	mg/L	1.0	0.03		
9/8/2025	607	2509081323B	Lead, Total	0.015	mg/L	0.050	0.004		J
9/8/2025	607	2509081323B	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
9/8/2025	607	2509081323B	Cobalt, Total	0.002	mg/L	0.050	0.0009		J
9/8/2025	607	2509081323B	Calcium, Total	83.8	mg/L	1.0	0.3		
9/8/2025	607	2509081323B	Sodium, Total	57.7	mg/L	1.0	0.5		
9/8/2025	607	2509081323B	Boron, Total	0.07	mg/L	0.20	0.02		J
9/8/2025	607	2509081323B	Barium, Total	0.029	mg/L	0.020	0.003		
9/8/2025	607	2509081323B	Copper, Total	0.104	mg/L	0.020	0.004		
9/8/2025	NDMA_LL	2509081324B	N-Nitrosodimethylamine	0.79	ng/L	0.47	0.34		RB FB
9/8/2025	METALS	2509081328B	Molybdenum, Total	0.008	mg/L	0.025	0.003		J RB
9/8/2025	METALS	2509081328B	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
9/8/2025	METALS	2509081328B	Vanadium, Total	0.0009	mg/L	0.050	0.0007		J
9/8/2025	METALS	2509081328B	Strontium, Total	2.46	mg/L	0.10	0.002		
9/8/2025	METALS	2509081328B	Sodium, Total	40.6	mg/L	1.0	0.5		
9/8/2025	METALS	2509081328B	Potassium, Total	3.3	mg/L	2.0	0.4		
9/8/2025	METALS	2509081328B	Nickel, Total	0.763	mg/L	0.040	0.003		
9/8/2025	METALS	2509081328B	Zinc, Total	0.027	mg/L	0.020	0.003		
9/8/2025	METALS	2509081328B	Manganese, Total	0.031	mg/L	0.010	0.004		

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
9/8/2025	METALS	2509081328B	Magnesium, Total	67.9	mg/L	1.0	0.03		
9/8/2025	METALS	2509081328B	Cobalt, Total	0.002	mg/L	0.050	0.0009		J
9/8/2025	METALS	2509081328B	Calcium, Total	106	mg/L	1.0	0.3		
9/8/2025	METALS	2509081328B	Barium, Total	0.025	mg/L	0.020	0.003		
9/8/2025	METALS	2509081328B	Antimony, Total	0.0002	mg/L	0.0010	0.0002		J
9/8/2025	METALS	2509081328B	Boron, Total	0.06	mg/L	0.20	0.02		J

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
9/9/2025	8260_LL	2509091300B	Sulfur Dioxide	1.9	ug/L	NA	NA		J TIC
9/9/2025	8260_LL	2509091300B	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/9/2025	8260_LL	2509091300B	Trimethylsilyl fluoride	2.7	ug/L	NA	NA		J TIC
9/9/2025	NDMA_LL	2509091303B	N-Nitrosodimethylamine	0.97	ng/L	0.47	0.34		RB
9/9/2025	METALS	2509091307B	Strontium, Total	2.42	mg/L	0.10	0.002		
9/9/2025	METALS	2509091307B	Arsenic, Total	0.0004	mg/L	0.0010	0.0004		J
9/9/2025	METALS	2509091307B	Vanadium, Total	0.002	mg/L	0.050	0.0007		J
9/9/2025	METALS	2509091307B	Sodium, Total	39.2	mg/L	1.0	0.5		
9/9/2025	METALS	2509091307B	Potassium, Total	3.2	mg/L	2.0	0.4		
9/9/2025	METALS	2509091307B	Nickel, Total	0.145	mg/L	0.040	0.003		
9/9/2025	METALS	2509091307B	Molybdenum, Total	0.006	mg/L	0.025	0.003		J RB
9/9/2025	METALS	2509091307B	Magnesium, Total	66.1	mg/L	1.0	0.03		
9/9/2025	METALS	2509091307B	Iron, Total	0.09	mg/L	0.10	0.07		J
9/9/2025	METALS	2509091307B	Calcium, Total	93	mg/L	1.0	0.3		
9/9/2025	METALS	2509091307B	Barium, Total	0.026	mg/L	0.020	0.003		
9/9/2025	METALS	2509091307B	Boron, Total	0.06	mg/L	0.20	0.02		J
9/9/2025	METALS	2509091307B	Zinc, Total	0.073	mg/L	0.020	0.003		
9/9/2025	METALS	2509091307B	Manganese, Total	0.01	mg/L	0.010	0.004		

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
9/9/2025	8260_LL	2509091316B	Carbon Dioxide	88	ug/L	NA	NA		J RB TIC FB
9/9/2025	8260_LL	2509091316B	Toluene	0.21	ug/L	0.50	0.20		J
9/9/2025	NDMA_LL	2509091319B	N-Nitrosodimethylamine	0.67	ng/L	0.48	0.35		RB FB
9/9/2025	METALS	2509091323B	Molybdenum, Total	0.009	mg/L	0.025	0.003		J RB
9/9/2025	METALS	2509091323B	Vanadium, Total	0.006	mg/L	0.050	0.0007		J
9/9/2025	METALS	2509091323B	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
9/9/2025	METALS	2509091323B	Strontium, Total	2.76	mg/L	0.10	0.002		
9/9/2025	METALS	2509091323B	Sodium, Total	57.7	mg/L	1.0	0.5		
9/9/2025	METALS	2509091323B	Potassium, Total	4.4	mg/L	2.0	0.4		
9/9/2025	METALS	2509091323B	Nickel, Total	0.133	mg/L	0.040	0.003		
9/9/2025	METALS	2509091323B	Zinc, Total	0.342	mg/L	0.020	0.003		
9/9/2025	METALS	2509091323B	Magnesium, Total	55.9	mg/L	1.0	0.03		
9/9/2025	METALS	2509091323B	Lead, Total	0.015	mg/L	0.050	0.004		J
9/9/2025	METALS	2509091323B	Copper, Total	0.104	mg/L	0.020	0.004		
9/9/2025	METALS	2509091323B	Cobalt, Total	0.002	mg/L	0.050	0.0009		J
9/9/2025	METALS	2509091323B	Calcium, Total	83.8	mg/L	1.0	0.3		
9/9/2025	METALS	2509091323B	Barium, Total	0.029	mg/L	0.020	0.003		
9/9/2025	METALS	2509091323B	Boron, Total	0.07	mg/L	0.20	0.02		J

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
9/10/2025	8260_LL	2509101305B	Toluene	0.32	ug/L	0.50	0.20		J
9/10/2025	8260_LL	2509101305B	1,4-Dioxane	12	ug/L	40	6.4		J
9/10/2025	NDMA_LL	2509101308B	N-Nitrosodimethylamine	0.66	ng/L	0.49	0.35		RB
9/10/2025	METALS	2509101311B	Magnesium, Total	37.9	mg/L	1.0	0.03		
9/10/2025	METALS	2509101311B	Sodium, Total	80.8	mg/L	1.0	0.5		
9/10/2025	METALS	2509101311B	Boron, Total	0.2	mg/L	0.20	0.02		
9/10/2025	METALS	2509101311B	Calcium, Total	58.8	mg/L	1.0	0.3		
9/10/2025	METALS	2509101311B	Chromium, Total	0.004	mg/L	0.010	0.002		J
9/10/2025	METALS	2509101311B	Copper, Total	0.014	mg/L	0.020	0.004		J
9/10/2025	METALS	2509101311B	Lead, Total	0.01	mg/L	0.050	0.004		J
9/10/2025	METALS	2509101311B	Potassium, Total	5.1	mg/L	2.0	0.4		
9/10/2025	METALS	2509101311B	Strontium, Total	2.26	mg/L	0.10	0.002		
9/10/2025	METALS	2509101311B	Vanadium, Total	0.014	mg/L	0.050	0.0007		J
9/10/2025	METALS	2509101311B	Zinc, Total	0.226	mg/L	0.020	0.003		
9/10/2025	METALS	2509101311B	Arsenic, Total	0.0015	mg/L	0.0010	0.0004		
9/10/2025	METALS	2509101311B	Barium, Total	0.015	mg/L	0.020	0.003		J
9/10/2025	METALS	2509101311B	Nickel, Total	0.179	mg/L	0.040	0.003		
9/10/2025	METALS	2509101311B	Molybdenum, Total	0.014	mg/L	0.025	0.003		J

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
9/10/2025	NDMA_LL	2509101319B	N-Nitrosodimethylamine	0.51	ng/L	0.5	0.36		RB FB
9/10/2025	METALS	2509101322B	Arsenic, Total	0.0031	mg/L	0.0010	0.0004		
9/10/2025	METALS	2509101322B	Molybdenum, Total	0.011	mg/L	0.025	0.003		J
9/10/2025	METALS	2509101322B	Zinc, Total	0.142	mg/L	0.020	0.003		
9/10/2025	METALS	2509101322B	Vanadium, Total	0.017	mg/L	0.050	0.0007		J
9/10/2025	METALS	2509101322B	Thallium, Total	0.00005	mg/L	0.0010	0.00004		J
9/10/2025	METALS	2509101322B	Strontium, Total	1.74	mg/L	0.10	0.002		
9/10/2025	METALS	2509101322B	Sodium, Total	122	mg/L	1.0	0.5		
9/10/2025	METALS	2509101322B	Potassium, Total	5.6	mg/L	2.0	0.4		
9/10/2025	METALS	2509101322B	Aluminum, Total	0.04	mg/L	0.10	0.03		J
9/10/2025	METALS	2509101322B	Nickel, Total	0.087	mg/L	0.040	0.003		
9/10/2025	METALS	2509101322B	Barium, Total	0.016	mg/L	0.020	0.003		J
9/10/2025	METALS	2509101322B	Magnesium, Total	27.5	mg/L	1.0	0.03		
9/10/2025	METALS	2509101322B	Lead, Total	0.008	mg/L	0.050	0.004		J
9/10/2025	METALS	2509101322B	Copper, Total	0.035	mg/L	0.020	0.004		
9/10/2025	METALS	2509101322B	Chromium, Total	0.005	mg/L	0.010	0.002		J
9/10/2025	METALS	2509101322B	Calcium, Total	55.9	mg/L	1.0	0.3		
9/10/2025	METALS	2509101322B	Boron, Total	0.23	mg/L	0.20	0.02		

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
10/1/2025	8260_LL	2510011136B	Silane, methoxytrimethyl-	2.7	ug/L	NA	NA		J TIC FB FB
10/1/2025	8260_LL	2510011136B	Trichlorofluoromethane (CFC 11)	6.3	ug/L	0.50	0.24		
10/1/2025	8260_LL	2510011136B	1,1,2-Trichloro-1,2,2-Trifluoroethane	2.9	ug/L	0.50	0.20		
10/1/2025	8260_LL	2510011136B	Trichloroethene (TCE)	7.1	ug/L	0.50	0.20		
10/1/2025	607	2510011138B	Bromacil	0.006	µg/L	0.01	0.0051	159	J
10/1/2025	NDMA_LL	2510011210B	N-Nitrosodimethylamine	1.85	ng/L	0.49	0.36		A K
10/1/2025	METALS	2510011255B	Lead, Total	0.008	mg/L	0.050	0.004		J
10/1/2025	METALS	2510011255B	Arsenic, Total	0.0005	mg/L	0.0010	0.0004		J
10/1/2025	METALS	2510011255B	Barium, Total	0.02	mg/L	0.020	0.003		J
10/1/2025	METALS	2510011255B	Boron, Total	0.06	mg/L	0.20	0.02		J
10/1/2025	METALS	2510011255B	Calcium, Total	92.2	mg/L	1.0	0.3		
10/1/2025	METALS	2510011255B	Chromium, Total	0.003	mg/L	0.010	0.002		J
10/1/2025	METALS	2510011255B	Copper, Total	0.112	mg/L	0.020	0.004		
10/1/2025	METALS	2510011255B	Sodium, Total	38.6	mg/L	1.0	0.5		
10/1/2025	METALS	2510011255B	Magnesium, Total	68.4	mg/L	1.0	0.03		
10/1/2025	METALS	2510011255B	Manganese, Total	0.006	mg/L	0.010	0.004		J
10/1/2025	METALS	2510011255B	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
10/1/2025	METALS	2510011255B	Nickel, Total	0.085	mg/L	0.040	0.003		
10/1/2025	METALS	2510011255B	Potassium, Total	3.2	mg/L	2.0	0.4		
10/1/2025	METALS	2510011255B	Strontium, Total	2.46	mg/L	0.10	0.002		
10/1/2025	METALS	2510011255B	Zinc, Total	0.067	mg/L	0.020	0.003		QD
10/1/2025	METALS	2510011255B	Cobalt, Total	0.0009	mg/L	0.050	0.0009		J
10/1/2025	METALS	2510011255B	Vanadium, Total	0.004	mg/L	0.050	0.0007		J
10/1/2025	METALS	2510011256B	Strontium, Total	2.5	mg/L	0.10	0.002		
10/1/2025	METALS	2510011256B	Barium, Total	0.021	mg/L	0.020	0.003		
10/1/2025	METALS	2510011256B	Arsenic, Total	0.0005	mg/L	0.0010	0.0004		J
10/1/2025	METALS	2510011256B	Zinc, Total	0.369	mg/L	0.020	0.003		QD
10/1/2025	METALS	2510011256B	Calcium, Total	96.1	mg/L	1.0	0.3		
10/1/2025	METALS	2510011256B	Boron, Total	0.06	mg/L	0.20	0.02		J
10/1/2025	METALS	2510011256B	Vanadium, Total	0.003	mg/L	0.050	0.0007		J
10/1/2025	METALS	2510011256B	Manganese, Total	0.007	mg/L	0.010	0.004		J
10/1/2025	METALS	2510011256B	Copper, Total	0.089	mg/L	0.020	0.004		
10/1/2025	METALS	2510011256B	Magnesium, Total	68.1	mg/L	1.0	0.03		
10/1/2025	METALS	2510011256B	Sodium, Total	38.3	mg/L	1.0	0.5		
10/1/2025	METALS	2510011256B	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
10/1/2025	METALS	2510011256B	Nickel, Total	0.105	mg/L	0.040	0.003		
10/1/2025	METALS	2510011256B	Potassium, Total	3.1	mg/L	2.0	0.4		
10/1/2025	METALS	2510011256B	Lead, Total	0.007	mg/L	0.050	0.004		J

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
10/1/2025	ANIONS	2510011257B	Alkalinity, Total as CaCO3	239	mg/L	2.0	1.8		
10/1/2025	ANIONS	2510011257B	Sulfate	319	mg/L	20	4		
10/1/2025	ANIONS	2510011257B	Fluoride, undistilled	0.59	mg/L	0.10	0.010		
10/1/2025	ANIONS	2510011257B	Chloride	37.7	mg/L	2.0	0.5		
10/1/2025	SM2540C	2510011258B	Total Dissolved Solids (TDS)	800	mg/L	10	10		
10/1/2025	6850	2510011259B	Perchlorate	0.36	ug/L	0.20	0.10		
10/1/2025	353.2	2510011300B	Nitrate+Nitrite as Nitrogen	0.808	mg/L	0.050	0.002		

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
10/1/2025	8260_LL	2510011141B	Silane, methoxytrimethyl-	2.7	ug/L	NA	NA		J TIC FB
10/1/2025	NDMA_LL	2510011225B	N-Nitrosodimethylamine	0.48	ng/L	0.49	0.35		A J
10/1/2025	METALS	2510011310B	Calcium, Total	59.8	mg/L	1.0	0.3		
10/1/2025	METALS	2510011310B	Boron, Total	0.12	mg/L	0.20	0.02		J
10/1/2025	METALS	2510011310B	Chromium, Total	0.002	mg/L	0.010	0.002		J
10/1/2025	METALS	2510011310B	Barium, Total	0.047	mg/L	0.020	0.003		
10/1/2025	METALS	2510011310B	Strontium, Total	2.58	mg/L	0.10	0.002		
10/1/2025	METALS	2510011310B	Arsenic, Total	0.0016	mg/L	0.0010	0.0004		
10/1/2025	METALS	2510011310B	Nickel, Total	0.05	mg/L	0.040	0.003		
10/1/2025	METALS	2510011310B	Magnesium, Total	38.5	mg/L	1.0	0.03		
10/1/2025	METALS	2510011310B	Sodium, Total	83.3	mg/L	1.0	0.5		
10/1/2025	METALS	2510011310B	Thallium, Total	0.00006	mg/L	0.0010	0.00004		J
10/1/2025	METALS	2510011310B	Vanadium, Total	0.014	mg/L	0.050	0.0007		J
10/1/2025	METALS	2510011310B	Zinc, Total	0.177	mg/L	0.020	0.003		
10/1/2025	METALS	2510011310B	Molybdenum, Total	0.013	mg/L	0.025	0.003		J
10/1/2025	METALS	2510011310B	Lead, Total	0.014	mg/L	0.050	0.004		J
10/1/2025	METALS	2510011310B	Potassium, Total	5	mg/L	2.0	0.4		
10/1/2025	METALS	2510011310B	Copper, Total	0.01	mg/L	0.020	0.004		J
10/1/2025	ANIONS	2510011311B	Alkalinity, Total as CaCO3	165	mg/L	2.0	1.8		
10/1/2025	ANIONS	2510011311B	Sulfate	271	mg/L	20	4		
10/1/2025	ANIONS	2510011311B	Chloride	37.5	mg/L	2.0	0.5		
10/1/2025	ANIONS	2510011311B	Fluoride, undistilled	0.36	mg/L	0.10	0.010		
10/1/2025	SM2540C	2510011312B	Total Dissolved Solids (TDS)	683	mg/L	10	9		
10/1/2025	6850	2510011313B	Perchlorate	0.33	ug/L	0.20	0.10		
10/1/2025	353.2	2510011314B	Nitrate+Nitrite as Nitrogen	0.683	mg/L	0.050	0.002		

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
10/1/2025	8260_LL	2510011156B	Silanol, trimethyl-	2.2	ug/L	NA	NA		J TIC FB
10/1/2025	8260_LL	2510011156B	Trimethylsilyl fluoride	1.9	ug/L	NA	NA		J TIC
10/1/2025	8260_LL	2510011156B	Silane, methoxytrimethyl-	6.3	ug/L	NA	NA		J TIC FB
10/1/2025	NDMA_LL	2510011235B	N-Nitrosodimethylamine	0.49	ng/L	0.48	0.35		A
10/1/2025	METALS	2510011325B	Chromium, Total	0.005	mg/L	0.010	0.002		J
10/1/2025	METALS	2510011325B	Thallium, Total	0.00007	mg/L	0.0010	0.00004		J
10/1/2025	METALS	2510011325B	Vanadium, Total	0.02	mg/L	0.050	0.0007		J
10/1/2025	METALS	2510011325B	Zinc, Total	0.142	mg/L	0.020	0.003		
10/1/2025	METALS	2510011325B	Arsenic, Total	0.0035	mg/L	0.0010	0.0004		
10/1/2025	METALS	2510011325B	Barium, Total	0.013	mg/L	0.020	0.003		J
10/1/2025	METALS	2510011325B	Boron, Total	0.25	mg/L	0.20	0.02		
10/1/2025	METALS	2510011325B	Nickel, Total	0.113	mg/L	0.040	0.003		
10/1/2025	METALS	2510011325B	Calcium, Total	38	mg/L	1.0	0.3		
10/1/2025	METALS	2510011325B	Sodium, Total	113	mg/L	1.0	0.5		
10/1/2025	METALS	2510011325B	Copper, Total	0.033	mg/L	0.020	0.004		
10/1/2025	METALS	2510011325B	Molybdenum, Total	0.025	mg/L	0.025	0.003		J
10/1/2025	METALS	2510011325B	Lead, Total	0.007	mg/L	0.050	0.004		J
10/1/2025	METALS	2510011325B	Strontium, Total	1.41	mg/L	0.10	0.002		
10/1/2025	METALS	2510011325B	Potassium, Total	4.3	mg/L	2.0	0.4		
10/1/2025	METALS	2510011325B	Magnesium, Total	22.6	mg/L	1.0	0.03		
10/1/2025	ANIONS	2510011326B	Sulfate	235	mg/L	20	4		
10/1/2025	ANIONS	2510011326B	Chloride	36.1	mg/L	2.0	0.5		
10/1/2025	ANIONS	2510011326B	Fluoride, undistilled	0.58	mg/L	0.10	0.010		
10/1/2025	ANIONS	2510011326B	Alkalinity, Total as CaCO3	155	mg/L	2.0	1.8		
10/1/2025	SM2540C	2510011327B	Total Dissolved Solids (TDS)	613	mg/L	10	9		
10/1/2025	6850	2510011328B	Perchlorate	0.29	ug/L	0.20	0.10		
10/1/2025	353.2	2510011329B	Nitrate+Nitrite as Nitrogen	0.69	mg/L	0.050	0.002		

Analytical Results for Sampling Events at WB-14-520

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/14/2025	8260_LL	2508141400Y	Tetrahydrofuran (THF)	5.8	ug/L	5.0	0.77		
8/14/2025	8260_LL	2508141400Y	Trichloroethene (TCE)	0.22	ug/L	0.50	0.20		J
8/14/2025	8260_LL	2508141400Y	Vinyl Chloride	0.21	ug/L	0.50	0.20		J
8/14/2025	METALS	2508141402Y	Nickel, Total	0.036	mg/L	0.040	0.003		J
8/14/2025	METALS	2508141402Y	Arsenic, Total	0.0015	mg/L	0.0010	0.0004		
8/14/2025	METALS	2508141402Y	Barium, Total	0.004	mg/L	0.020	0.003		J
8/14/2025	METALS	2508141402Y	Boron, Total	0.18	mg/L	0.20	0.02		J
8/14/2025	METALS	2508141402Y	Calcium, Total	32.4	mg/L	1.0	0.3		
8/14/2025	METALS	2508141402Y	Molybdenum, Total	0.019	mg/L	0.025	0.003		J
8/14/2025	METALS	2508141402Y	Potassium, Total	2.1	mg/L	2.0	0.4		
8/14/2025	METALS	2508141402Y	Sodium, Total	96.3	mg/L	1.0	0.5		
8/14/2025	METALS	2508141402Y	Strontium, Total	0.49	mg/L	0.10	0.002		
8/14/2025	METALS	2508141402Y	Vanadium, Total	0.012	mg/L	0.050	0.0007		J
8/14/2025	METALS	2508141402Y	Zinc, Total	0.01	mg/L	0.020	0.003		J
8/14/2025	METALS	2508141402Y	Magnesium, Total	11.9	mg/L	1.0	0.03		

Analytical Results for Sampling Events at WB-5-250

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/20/2025	8260	2508250919Y	Sulfur Dioxide	150	ug/L	NA	NA		J RB TIC EB
8/20/2025	8260	2508250919Y	Bromomethane	1.2	ug/L	2.0	0.70		J RB EB
8/20/2025	8260	2508250919Y	Carbon Disulfide	8.9	ug/L	1.0	0.42		
8/20/2025	8260	2508250919Y	Ethylbenzene	0.61	ug/L	1.0	0.20		J
8/20/2025	8260	2508250919Y	Styrene	0.25	ug/L	1.0	0.20		J
8/20/2025	8260	2508250919Y	Trimethylsilyl fluoride	3.6	ug/L	NA	NA		J TIC
8/20/2025	METALS	2508250920Y	Boron, Total	0.13	mg/L	0.20	0.02		J
8/20/2025	METALS	2508250920Y	Arsenic, Total	0.0006	mg/L	0.0010	0.0004		J
8/20/2025	METALS	2508250920Y	Barium, Total	0.057	mg/L	0.020	0.003		
8/20/2025	METALS	2508250920Y	Calcium, Total	126	mg/L	1.0	0.3		
8/20/2025	METALS	2508250920Y	Magnesium, Total	76.7	mg/L	1.0	0.03		
8/20/2025	METALS	2508250920Y	Manganese, Total	0.035	mg/L	0.010	0.004		
8/20/2025	METALS	2508250920Y	Nickel, Total	0.021	mg/L	0.040	0.003		J
8/20/2025	METALS	2508250920Y	Potassium, Total	3.3	mg/L	2.0	0.4		
8/20/2025	METALS	2508250920Y	Sodium, Total	49.2	mg/L	1.0	0.5		
8/20/2025	METALS	2508250920Y	Strontium, Total	12	mg/L	1.0	0.02		
8/20/2025	METALS	2508250920Y	Vanadium, Total	0.0009	mg/L	0.050	0.0007		J
8/20/2025	METALS	2508250920Y	Zinc, Total	0.012	mg/L	0.020	0.003		J
8/20/2025	METALS	2508250920Y	Iron, Total	0.24	mg/L	0.10	0.07		
8/20/2025	ANIONS	2508250921Y	Alkalinity, Total as CaCO3	400	mg/L	2.0	1.8		
8/20/2025	ANIONS	2508250921Y	Sulfate	271	mg/L	8.0	1.6		
8/20/2025	ANIONS	2508250921Y	Chloride	37.2	mg/L	2.0	0.5		
8/20/2025	ANIONS	2508250921Y	Fluoride, undistilled	1.43	mg/L	0.10	0.010		
8/20/2025	SM2540C	2508250950Y	Total Dissolved Solids (TDS)	886	mg/L	13	12		
8/20/2025	353.2	2508250952Y	Nitrate+Nitrite as Nitrogen	0.002	mg/L	0.050	0.002		J

Analytical Results for Sampling Events at WB-5-280

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/20/2025	8260	2508201305Y	Bromomethane	0.98	ug/L	2.0	0.70		J EB
8/20/2025	8260	2508201305Y	Carbon Disulfide	8.1	ug/L	1.0	0.42		
8/20/2025	8260	2508201305Y	Ethylbenzene	0.52	ug/L	1.0	0.20		J
8/20/2025	8260	2508201305Y	Styrene	0.28	ug/L	1.0	0.20		J
8/20/2025	8260	2508201305Y	Carbonyl Sulfide	9.6	ug/L	NA	NA		J TIC
8/20/2025	8260	2508201305Y	Sulfur Dioxide	160	ug/L	NA	NA		J TIC EB
8/20/2025	8260	2508201305Y	Trimethylsilyl fluoride	2.5	ug/L	NA	NA		J TIC
8/20/2025	METALS	2508201307Y	Boron, Total	0.14	mg/L	0.20	0.02		J
8/20/2025	METALS	2508201307Y	Calcium, Total	128	mg/L	1.0	0.3		
8/20/2025	METALS	2508201307Y	Iron, Total	0.24	mg/L	0.10	0.07		
8/20/2025	METALS	2508201307Y	Magnesium, Total	76.7	mg/L	1.0	0.03		
8/20/2025	METALS	2508201307Y	Manganese, Total	0.012	mg/L	0.010	0.004		
8/20/2025	METALS	2508201307Y	Nickel, Total	0.019	mg/L	0.040	0.003		J
8/20/2025	METALS	2508201307Y	Potassium, Total	3.4	mg/L	2.0	0.4		
8/20/2025	METALS	2508201307Y	Sodium, Total	49.8	mg/L	1.0	0.5		
8/20/2025	METALS	2508201307Y	Strontium, Total	13.6	mg/L	1.0	0.02		
8/20/2025	METALS	2508201307Y	Zinc, Total	0.01	mg/L	0.020	0.003		J EB
8/20/2025	METALS	2508201307Y	Barium, Total	0.029	mg/L	0.020	0.003		

Analytical Results for Sampling Events at WB-5-345

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/20/2025	8260	2508200930Y	Carbonyl Sulfide	15	ug/L	NA	NA		J TIC
8/20/2025	8260	2508200930Y	Sulfur Dioxide	200	ug/L	NA	NA		J TIC
8/20/2025	8260	2508200930Y	Carbon Disulfide	11	ug/L	1.0	0.42		
8/20/2025	8260	2508200930Y	Bromomethane	0.89	ug/L	2.0	0.70		J TB EB
8/20/2025	8260	2508200930Y	Ethylbenzene	0.29	ug/L	1.0	0.20		J
8/20/2025	METALS	2508200932Y	Magnesium, Total	77.5	mg/L	1.0	0.03		
8/20/2025	METALS	2508200932Y	Strontium, Total	14.3	mg/L	1.0	0.02		
8/20/2025	METALS	2508200932Y	Sodium, Total	50.5	mg/L	1.0	0.5		
8/20/2025	METALS	2508200932Y	Potassium, Total	3.5	mg/L	2.0	0.4		
8/20/2025	METALS	2508200932Y	Nickel, Total	0.02	mg/L	0.040	0.003		J
8/20/2025	METALS	2508200932Y	Barium, Total	0.026	mg/L	0.020	0.003		
8/20/2025	METALS	2508200932Y	Manganese, Total	0.011	mg/L	0.010	0.004		
8/20/2025	METALS	2508200932Y	Iron, Total	0.14	mg/L	0.10	0.07		
8/20/2025	METALS	2508200932Y	Calcium, Total	129	mg/L	1.0	0.3		
8/20/2025	METALS	2508200932Y	Boron, Total	0.14	mg/L	0.20	0.02		J
8/20/2025	METALS	2508200932Y	Zinc, Total	0.019	mg/L	0.020	0.003		J
8/20/2025	METALS	2508200932Y	Molybdenum, Total	0.004	mg/L	0.025	0.003		J
8/20/2025	ANIONS	2508200950Y	Fluoride, undistilled	1.43	mg/L	0.10	0.010		
8/20/2025	ANIONS	2508200950Y	Sulfate	344	mg/L	8.0	1.6		
8/20/2025	ANIONS	2508200950Y	Chloride	37.3	mg/L	2.0	0.5		
8/20/2025	ANIONS	2508200950Y	Alkalinity, Total as CaCO3	322	mg/L	2.0	1.8		
8/20/2025	SM2540C	2508200951Y	Total Dissolved Solids (TDS)	923	mg/L	14	13		T
8/20/2025	353.2	2508200953Y	Nitrate+Nitrite as Nitrogen	0.005	mg/L	0.050	0.002		J

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
9/16/2025	8260_LL	2509160941C	Sulfur Dioxide	11	ug/L	NA	NA		J TIC FB
9/16/2025	8260_LL	2509160941C	Cyclobutylamine	1.1	ug/L	NA	NA		J TIC
9/16/2025	8260_LL	2509160941C	Carbon Dioxide	93	ug/L	NA	NA		J TIC FB
9/16/2025	NDMA_LL	2509160943C	N-Nitrosodimethylamine	0.42	ng/L	0.47	0.34		J RB FB

Analytical Results for Sampling Events at WW-2-489

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
9/15/2025	8260_LL	2509150921C	Sulfur Dioxide	22	ug/L	NA	NA		J TIC TB FB
9/15/2025	8260_LL	2509150921C	Carbon Dioxide	77	ug/L	NA	NA		J TIC TB FB
9/15/2025	8260_LL	2509150921C	Trimethylsilyl fluoride	3.5	ug/L	NA	NA		J TIC
9/15/2025	NDMA_LL	2509150923C	N-Nitrosodimethylamine	0.62	ng/L	0.49	0.35		RB TB FB
9/15/2025	NDMA_LL	2509150925C	N-Nitrodimethylamine	4.68	ng/L	0.47	0.33		
9/15/2025	NDMA_LL	2509150925C	N-Nitrosodimethylamine	5.11	ng/L	0.47	0.34		RB

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
9/15/2025	8260_LL	2509151326C	Carbon Dioxide	75	ug/L	NA	NA		J TIC FB
9/15/2025	8260_LL	2509151326C	Sulfur Dioxide	3.4	ug/L	NA	NA		J TIC FB
9/15/2025	8260_LL	2509151326C	Trimethylsilyl fluoride	3.6	ug/L	NA	NA		J TIC
9/15/2025	NDMA_LL	2509151328C	N-Nitrosodimethylamine	0.61	ng/L	0.47	0.34		RB FB

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
9/2/2025	8260_LL	2509021350Y	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC EB
9/2/2025	8260_LL	2509021350Y	Trimethylsilyl fluoride	2.2	ug/L	NA	NA		J TIC
9/2/2025	NDMA_LL	2509021351Y	N-Nitrosodimethylamine	1.69	ng/L	0.49	0.35		RB EB QD
9/2/2025	NDMA_LL	2509021352Y	N-Nitrosodimethylamine	1.28	ng/L	0.49	0.36		RB EB QD

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
9/2/2025	8260_LL	2509020945Y	Carbon Dioxide	96	ug/L	NA	NA		J RB TIC EB
9/2/2025	8260_LL	2509020945Y	Trimethylsilyl fluoride	2.7	ug/L	NA	NA		J TIC
9/2/2025	NDMA_LL	2509020946Y	N-Nitrosodimethylamine	2.91	ng/L	0.48	0.35		RB 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
8/14/2025	8260_LL	2508141300B	Toluene	0.54	ug/L	0.50	0.20		
8/14/2025	8260_LL	2508141300B	Silane, methoxytrimethyl-	0.79	ug/L	NA	NA		J TIC
8/14/2025	NDMA_LL	2508141302B	N-Nitrosodimethylamine	7.77	ng/L	0.48	0.35		K
8/14/2025	NDMA_LL	2508141304B	N-Nitrosodimethylamine	6.39	ng/L	0.48	0.35		K

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
8/14/2025	8260	2508141321B	Toluene	0.36	ug/L	0.50	0.20		J
8/14/2025	8260	2508141321B	Silane, methoxytrimethyl-	8.1	ug/L	NA	NA		J TIC
8/14/2025	8260	2508141321B	Silanol, trimethyl-	2.4	ug/L	NA	NA		J TIC
8/14/2025	NDMA_LL	2508141323B	N-Nitrosodimethylamine	4.01	ng/L	0.49	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
8/18/2025	8260_LL	2508181310B	Toluene	0.87	ug/L	0.50	0.20		
8/18/2025	NDMA_LL	2508181312B	N-Nitrosodimethylamine	6.84	ng/L	0.48	0.35		A

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
8/18/2025	8260_LL	2508181321B	Toluene	1.8	ug/L	0.50	0.20		
8/18/2025	8260_LL	2508181321B	Silane, methoxytrimethyl-	2.5	ug/L	NA	NA		J TIC
8/18/2025	NDMA_LL	2508181323B	N-Nitrosodimethylamine	3.56	ng/L	0.47	0.34		A 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
10/8/2025	8260_LL	2510081141B	Toluene	0.42	ug/L	0.50	0.20		J
10/8/2025	8260_LL	2510081141B	Carbon Dioxide	85	ug/L	NA	NA		J RB TIC TB
10/8/2025	NDMA_LL	2510081144B	N-Nitrosodimethylamine	1.96	ng/L	0.5	0.36		
10/8/2025	METALS	2510081215B	Arsenic, Total	0.0011	mg/L	0.0010	0.0004		
10/8/2025	METALS	2510081215B	Vanadium, Total	0.007	mg/L	0.050	0.0007		J
10/8/2025	METALS	2510081215B	Strontium, Total	2.64	mg/L	0.10	0.002		
10/8/2025	METALS	2510081215B	Sodium, Total	53.1	mg/L	1.0	0.5		
10/8/2025	METALS	2510081215B	Boron, Total	0.09	mg/L	0.20	0.02		J
10/8/2025	METALS	2510081215B	Barium, Total	0.023	mg/L	0.020	0.003		
10/8/2025	METALS	2510081215B	Nickel, Total	0.037	mg/L	0.040	0.003		J
10/8/2025	METALS	2510081215B	Molybdenum, Total	0.006	mg/L	0.025	0.003		J
10/8/2025	METALS	2510081215B	Magnesium, Total	63.8	mg/L	1.0	0.03		
10/8/2025	METALS	2510081215B	Lead, Total	0.005	mg/L	0.050	0.004		J
10/8/2025	METALS	2510081215B	Copper, Total	0.037	mg/L	0.020	0.004		
10/8/2025	METALS	2510081215B	Calcium, Total	72.9	mg/L	1.0	0.3		
10/8/2025	METALS	2510081215B	Zinc, Total	0.22	mg/L	0.020	0.003		
10/8/2025	METALS	2510081215B	Potassium, Total	3.2	mg/L	2.0	0.4		

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
10/8/2025	8260_LL	2510081201B	Sulfur Dioxide	0.89	ug/L	NA	NA		J TIC FB
10/8/2025	8260_LL	2510081201B	Toluene	0.42	ug/L	0.50	0.20		J
10/8/2025	8260_LL	2510081201B	Carbon Dioxide	82	ug/L	NA	NA		J RB TIC FB
10/8/2025	NDMA_LL	2510081204B	N-Nitrosodimethylamine	4.01	ng/L	0.49	0.36		
10/8/2025	NDMA_LL	2510081205B	N-Nitrosodimethylamine	3.65	ng/L	0.49	0.35		
10/8/2025	METALS	2510081236B	Copper, Total	0.011	mg/L	0.020	0.004		J
10/8/2025	METALS	2510081236B	Nickel, Total	0.043	mg/L	0.040	0.003		
10/8/2025	METALS	2510081236B	Zinc, Total	0.165	mg/L	0.020	0.003		
10/8/2025	METALS	2510081236B	Vanadium, Total	0.01	mg/L	0.050	0.0007		J
10/8/2025	METALS	2510081236B	Strontium, Total	2.81	mg/L	0.10	0.002		
10/8/2025	METALS	2510081236B	Sodium, Total	64	mg/L	1.0	0.5		
10/8/2025	METALS	2510081236B	Potassium, Total	3.1	mg/L	2.0	0.4		
10/8/2025	METALS	2510081236B	Arsenic, Total	0.0012	mg/L	0.0010	0.0004		
10/8/2025	METALS	2510081236B	Magnesium, Total	51.1	mg/L	1.0	0.03		
10/8/2025	METALS	2510081236B	Lead, Total	0.014	mg/L	0.050	0.004		J
10/8/2025	METALS	2510081236B	Calcium, Total	68.7	mg/L	1.0	0.3		
10/8/2025	METALS	2510081236B	Boron, Total	0.12	mg/L	0.20	0.02		J
10/8/2025	METALS	2510081236B	Barium, Total	0.021	mg/L	0.020	0.003		
10/8/2025	METALS	2510081236B	Molybdenum, Total	0.008	mg/L	0.025	0.003		J

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
10/13/2025	8260_LL	2510131107B	Toluene	1.8	ug/L	0.50	0.20		
10/13/2025	8260_LL	2510131107B	L-Cysteine sulfinic acid	6.5	ug/L	NA	NA		J TIC
10/13/2025	NDMA_LL	2510131131B	N-Nitrosodimethylamine	2.16	ng/L	0.48	0.35		
10/13/2025	METALS	2510131136B	Molybdenum, Total	0.013	mg/L	0.025	0.003		J
10/13/2025	METALS	2510131136B	Vanadium, Total	0.016	mg/L	0.050	0.0007		J
10/13/2025	METALS	2510131136B	Zinc, Total	0.086	mg/L	0.020	0.003		
10/13/2025	METALS	2510131136B	Strontium, Total	1.99	mg/L	0.10	0.002		
10/13/2025	METALS	2510131136B	Sodium, Total	88.1	mg/L	1.0	0.5		
10/13/2025	METALS	2510131136B	Potassium, Total	4.6	mg/L	2.0	0.4		
10/13/2025	METALS	2510131136B	Nickel, Total	0.063	mg/L	0.040	0.003		
10/13/2025	METALS	2510131136B	Lead, Total	0.004	mg/L	0.050	0.004		J
10/13/2025	METALS	2510131136B	Chromium, Total	0.004	mg/L	0.010	0.002		J
10/13/2025	METALS	2510131136B	Calcium, Total	60.8	mg/L	1.0	0.3		
10/13/2025	METALS	2510131136B	Boron, Total	0.24	mg/L	0.20	0.02		
10/13/2025	METALS	2510131136B	Arsenic, Total	0.0025	mg/L	0.0010	0.0004		
10/13/2025	METALS	2510131136B	Barium, Total	0.021	mg/L	0.020	0.003		
10/13/2025	METALS	2510131136B	Magnesium, Total	36.1	mg/L	1.0	0.03		

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
10/13/2025	8260_LL	2510131119B	Toluene	0.64	ug/L	0.50	0.20		
10/13/2025	8260_LL	2510131119B	Sulfur Dioxide	11	ug/L	NA	NA		J RB TIC FB
10/13/2025	NDMA_LL	2510131139B	N-Nitrosodimethylamine	2.69	ng/L	0.48	0.35		
10/13/2025	METALS	2510131145B	Molybdenum, Total	0.01	mg/L	0.025	0.003		J
10/13/2025	METALS	2510131145B	Strontium, Total	2.31	mg/L	0.10	0.002		
10/13/2025	METALS	2510131145B	Barium, Total	0.016	mg/L	0.020	0.003		J
10/13/2025	METALS	2510131145B	Sodium, Total	138	mg/L	1.0	0.5		
10/13/2025	METALS	2510131145B	Vanadium, Total	0.014	mg/L	0.050	0.0007		J
10/13/2025	METALS	2510131145B	Potassium, Total	5.7	mg/L	2.0	0.4		
10/13/2025	METALS	2510131145B	Nickel, Total	0.06	mg/L	0.080	0.006		J
10/13/2025	METALS	2510131145B	Manganese, Total	0.015	mg/L	0.010	0.004		
10/13/2025	METALS	2510131145B	Magnesium, Total	38.9	mg/L	1.0	0.03		
10/13/2025	METALS	2510131145B	Chromium, Total	0.003	mg/L	0.010	0.002		J
10/13/2025	METALS	2510131145B	Boron, Total	0.26	mg/L	0.20	0.02		
10/13/2025	METALS	2510131145B	Arsenic, Total	0.0036	mg/L	0.0010	0.0004		
10/13/2025	METALS	2510131145B	Zinc, Total	0.03	mg/L	0.020	0.003		
10/13/2025	METALS	2510131145B	Calcium, Total	84.1	mg/L	1.0	0.3		

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	8/18/2025	
Sample	**Parameter**		**Result**	**Units**
2508181258	Conductivity		1020	µS/cm
2508181258	pH		8.27	NA
2508181258	Temperature		25.8	ºC
2508181258	Turbidity		0.30	NTU

Well ID	B650-EFF-1	Event Date	9/9/2025	
Sample	**Parameter**		**Result**	**Units**
2509091245	Conductivity		1009	µS/cm
2509091245	pH		8.31	NA
2509091245	Temperature		25.5	ºC
2509091245	Turbidity		1.27	NTU

Well ID	B650-EFF-1	Event Date	10/10/2025	
Sample	**Parameter**		**Result**	**Units**
2510100610	Conductivity		989	µS/cm
2510100610	pH		8.07	NA
2510100610	Temperature		25.1	ºC
2510100610	Turbidity		0.49	NTU

Well ID	B650-INF-1	Event Date	8/18/2025	
Sample	**Parameter**		**Result**	**Units**
2508181310	Conductivity		1000	µS/cm
2508181310	pH		7.42	NA
2508181310	Temperature		25.4	ºC
2508181310	Turbidity		0.38	NTU

Well ID	B650-INF-1	Event Date	9/9/2025	
Sample	**Parameter**		**Result**	**Units**
2509091300	Conductivity		987	µS/cm
2509091300	pH		7.53	NA
2509091300	Temperature		25.3	ºC
2509091300	Turbidity		0.28	NTU

Well ID	B650-INF-1	Event Date	10/10/2025	
Sample	**Parameter**		**Result**	**Units**
2510100625	Conductivity		986	µS/cm
2510100625	pH		7.40	NA
2510100625	Temperature		25.0	ºC
2510100625	Turbidity		0.24	NTU

Well ID	PFE-1	Event Date	10/21/2025	
Sample	**Parameter**		**Result**	**Units**
2510210859	Conductivity		972	µS/cm
2510210859	DTW			ft
2510210859	pH		7.60	NA
2510210859	Temperature		24.2	ºC
2510210859	Turbidity		0.30	NTU

Well ID	PFE-2	Event Date	10/20/2025	
Sample	**Parameter**		**Result**	**Units**
2510201251	Conductivity		989	µS/cm
2510201251	DTW			ft
2510201251	pH		729	NA
2510201251	Temperature		27.1	ºC
2510201251	Turbidity		2.62	NTU

Well ID	PFE-3	Event Date	10/21/2025	
Sample	**Parameter**		**Result**	**Units**
2510210957	Conductivity		1049	µS/cm
2510210957	DTW			ft
2510210957	pH		7.38	NA
2510210957	Temperature		23.4	ºC
2510210957	Turbidity		1.83	NTU

Well ID	PFE-4A	Event Date	10/20/2025	
Sample	**Parameter**		**Result**	**Units**
2010201345	Conductivity		1005	µS/cm
2010201345	DTW			ft
2010201345	pH		7.29	NA
2010201345	Temperature		27.8	ºC
2010201345	Turbidity		2.15	NTU

Well ID	PFE-5	Event Date	10/20/2025	
Sample	**Parameter**		**Result**	**Units**
2510201230	Conductivity		874	µS/cm
2510201230	DTW			ft
2510201230	pH		7.93	NA
2510201230	Temperature		28.8	ºC
2510201230	Turbidity		0.47	NTU

Well ID	PFE-7	Event Date	10/20/2025	
Sample	**Parameter**		**Result**	**Units**
2510201310	Conductivity		992	µS/cm
2510201310	DTW			ft
2510201310	pH		7.33	NA
2510201310	Temperature		27.1	ºC
2510201310	Turbidity		0.35	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
8/18/2025	8260_LL	2508181259	Methyl nitrite	2.7	ug/L	NA	NA		J TIC
8/18/2025	8260_LL	2508181300	Methyl nitrite	2.4	ug/L	NA	NA		J TIC
8/18/2025	8260_LL	2508181300	Silane, methoxytrimethyl-	4.6	ug/L	NA	NA		J TIC
9/9/2025	8260_LL	2509091246	Dichlorodifluoromethane (CFC 12)	0.23	ug/L	0.50	0.21		J
9/9/2025	8260_LL	2509091246	Carbon Dioxide	100	ug/L	NA	NA		J RB TIC FB
9/9/2025	8260_LL	2509091246	Methyl nitrite	1.6	ug/L	NA	NA		J TIC
10/10/2025	8260	2510100615	Sulfur Dioxide	9.5	ug/L	NA	NA		J RB TIC

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
8/18/2025	8260	2508181311	Tetrachloroethene (PCE)	0.58	ug/L	1.0	0.21		J
8/18/2025	8260	2508181311	Silanol, trimethyl-	2.1	ug/L	NA	NA		J TIC
8/18/2025	8260	2508181311	Silane, methoxytrimethyl-	4.8	ug/L	NA	NA		J TIC
8/18/2025	8260	2508181311	Trichloroethene (TCE)	15	ug/L	1.0	0.20		
8/18/2025	8260	2508181311	1,1,2-Trichloro-1,2,2-Trifluoroethane	17	ug/L	1.0	0.20		
8/18/2025	8260	2508181311	Trichlorofluoromethane (CFC 11)	11	ug/L	1.0	0.24		A
8/18/2025	607	2508181313	N-Nitrosodimethylamine	0.06	µg/L	0.0097	0.0049	56	
8/18/2025	607	2508181313	N-Nitrodimethylamine	0.05	µg/L	0.0097	0.0049	88	
8/18/2025	607	2508181313	Bromacil	0.01	µg/L	0.0097	0.0049	120	
9/9/2025	8260	2509091301	Carbon Dioxide	95	ug/L	NA	NA		J RB TIC FB
9/9/2025	8260	2509091301	Sulfur Dioxide	1.9	ug/L	NA	NA		J TIC
9/9/2025	8260	2509091301	Tetrachloroethene (PCE)	0.52	ug/L	1.0	0.21		J
9/9/2025	8260	2509091301	Trichloroethene (TCE)	16	ug/L	1.0	0.20		
9/9/2025	8260	2509091301	Trichlorofluoromethane (CFC 11)	15	ug/L	1.0	0.24		
9/9/2025	8260	2509091301	1,1,2-Trichloro-1,2,2-Trifluoroethane	27	ug/L	1.0	0.20		
9/9/2025	607	2509091303	N-Nitrosodimethylamine	0.08	µg/L	0.0096	0.0048	64	
9/9/2025	607	2509091303	N-Nitrodimethylamine	0.06	µg/L	0.0096	0.0048	97	
9/9/2025	607	2509091303	Bromacil	0.01	µg/L	0.0096	0.0048	144	
10/10/2025	8260_LL	2510100630	Trichloroethene (TCE)	18	ug/L	1.0	0.20		
10/10/2025	8260_LL	2510100630	Tetrachloroethene (PCE)	0.77	ug/L	1.0	0.21		J
10/10/2025	8260_LL	2510100630	4-Methyl-2-pentanone	0.49	ug/L	5.0	0.20		J
10/10/2025	8260_LL	2510100630	Sulfur Dioxide	0.7	ug/L	NA	NA		J TIC
10/10/2025	8260_LL	2510100630	Silane, methoxytrimethyl-	1.7	ug/L	NA	NA		J TIC
10/10/2025	8260_LL	2510100630	Trichlorofluoromethane (CFC 11)	17	ug/L	1.0	0.24		
10/10/2025	8260_LL	2510100630	1,1,2-Trichloro-1,2,2-Trifluoroethane	31	ug/L	1.0	0.20		
10/10/2025	8260_LL	2510100630	Silanol, trimethyl-	0.72	ug/L	NA	NA		J TIC
10/10/2025	607	2510100632	N-Nitrosodimethylamine	0.07	µg/L	0.01	0.0051	74	
10/10/2025	607	2510100632	N-Nitrodimethylamine	0.05	µg/L	0.01	0.0051	109	
10/10/2025	607	2510100632	Bromacil	0.007	µg/L	0.01	0.0051	141	J
10/10/2025	8270	2510100633	1,4-Dioxane	0.036	ug/L	0.040	0.035		J

Analytical Results for Sampling Events at PFE-1

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/21/2025	8260	2510210905	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.4	ug/L	1.0	0.20		
10/21/2025	8260	2510210905	Tetrachloroethene (PCE)	0.3	ug/L	1.0	0.21		J
10/21/2025	8260	2510210905	Trichloroethene (TCE)	6.8	ug/L	1.0	0.20		
10/21/2025	8260	2510210905	Cyclotetrasiloxane, octamethyl-	0.44	ug/L	NA	NA		J TIC
10/21/2025	8260	2510210905	Trimethylsilyl fluoride	0.83	ug/L	NA	NA		J TIC
10/21/2025	8260	2510210905	Silane, methoxytrimethyl-	3.7	ug/L	NA	NA		J TIC FB
10/21/2025	8260	2510210905	Silanol, trimethyl-	1.2	ug/L	NA	NA		J TIC
10/21/2025	8260	2510210905	Trichlorofluoromethane (CFC 11)	5	ug/L	1.0	0.24		
10/21/2025	607	2510210907	N-Nitrodimethylamine	0.05	µg/L	0.01	0.0051	117	
10/21/2025	607	2510210907	N-Nitrosodimethylamine	0.08	µg/L	0.01	0.0051	88	
10/21/2025	METALS	2510210908	Nickel, Total	0.038	mg/L	0.040	0.003		J
10/21/2025	METALS	2510210908	Sodium, Total	67.9	mg/L	1.0	0.5		
10/21/2025	METALS	2510210908	Potassium, Total	4.6	mg/L	2.0	0.4		
10/21/2025	METALS	2510210908	Zinc, Total	0.006	mg/L	0.020	0.003		J
10/21/2025	METALS	2510210908	Strontium, Total	2.38	mg/L	0.10	0.002		
10/21/2025	METALS	2510210908	Molybdenum, Total	0.012	mg/L	0.025	0.003		J
10/21/2025	METALS	2510210908	Vanadium, Total	0.008	mg/L	0.050	0.0007		J
10/21/2025	METALS	2510210908	Magnesium, Total	54.5	mg/L	1.0	0.03		
10/21/2025	METALS	2510210908	Iron, Total	0.23	mg/L	0.10	0.07		
10/21/2025	METALS	2510210908	Arsenic, Total	0.0011	mg/L	0.0010	0.0004		
10/21/2025	METALS	2510210908	Barium, Total	0.028	mg/L	0.020	0.003		
10/21/2025	METALS	2510210908	Boron, Total	0.11	mg/L	0.20	0.02		J
10/21/2025	METALS	2510210908	Calcium, Total	86.4	mg/L	1.0	0.3		
10/21/2025	ANIONS	2510210909	Sulfate	298	mg/L	20	4		
10/21/2025	ANIONS	2510210909	Chloride	46.5	mg/L	2.0	0.5		
10/21/2025	ANIONS	2510210909	Fluoride, undistilled	0.54	mg/L	0.10	0.010		
10/21/2025	ANIONS	2510210909	Alkalinity, Total as CaCO3	184	mg/L	2.0	1.8		
10/21/2025	SM2540C	2510210910	Total Dissolved Solids (TDS)	738	mg/L	10	10		
10/21/2025	6850	2510210911	Perchlorate	0.53	ug/L	0.20	0.10		
10/21/2025	353.2	2510210912	Nitrate+Nitrite as Nitrogen	1.07	mg/L	0.050	0.002		

Analytical Results for Sampling Events at PFE-2

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/20/2025	8260	2510201256	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.4	ug/L	1.0	0.20		J
10/20/2025	8260	2510201256	Silane, methoxytrimethyl-	1.2	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201256	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
10/20/2025	8260	2510201256	Tetrachloroethene (PCE)	2.5	ug/L	1.0	0.21		
10/20/2025	8260	2510201256	Dichlorofluoromethane (CFC 21)	0.28	ug/L	1.0	0.20		J
10/20/2025	8260	2510201256	1,1,2-Trichloro-1,2,2-Trifluoroethane	130	ug/L	1.0	0.20		
10/20/2025	8260	2510201256	Trichlorofluoromethane (CFC 11)	68	ug/L	1.0	0.24		
10/20/2025	607	2510201258	N-Nitrodimethylamine	0.12	µg/L	0.01	0.0051	117	
10/20/2025	607	2510201258	Bromacil	0.007	µg/L	0.01	0.0051	158	J
10/20/2025	607	2510201258	N-Nitrosodimethylamine	0.18	µg/L	0.01	0.0051	88	

Analytical Results for Sampling Events at PFE-3

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/21/2025	8260	2510210958	Cyclotetrasiloxane, octamethyl-	0.53	ug/L	NA	NA		J TIC
10/21/2025	8260	2510210958	Tetrachloroethene (PCE)	1.2	ug/L	1.0	0.21		
10/21/2025	8260	2510210958	Trichloroethene (TCE)	28	ug/L	1.0	0.20		
10/21/2025	8260	2510210958	1,1,2-Trichloro-1,2,2-Trifluoroethane	63	ug/L	1.0	0.20		
10/21/2025	8260	2510210958	Trimethylsilyl fluoride	4.4	ug/L	NA	NA		J TIC
10/21/2025	8260	2510210958	Silane, methoxytrimethyl-	8.8	ug/L	NA	NA		J TIC FB
10/21/2025	8260	2510210958	Silanol, trimethyl-	3.4	ug/L	NA	NA		J TIC
10/21/2025	8260	2510210958	Trichlorofluoromethane (CFC 11)	28	ug/L	1.0	0.24		
10/21/2025	607	2510211000	N-Nitrodimethylamine	0.08	µg/L	0.01	0.0051	117	
10/21/2025	607	2510211000	N-Nitrosodimethylamine	0.09	µg/L	0.01	0.0051	88	
10/21/2025	607	2510211000	Bromacil	0.02	µg/L	0.01	0.0051	158	
10/21/2025	METALS	2510211001	Molybdenum, Total	0.015	mg/L	0.025	0.003		J
10/21/2025	METALS	2510211001	Boron, Total	0.09	mg/L	0.20	0.02		J
10/21/2025	METALS	2510211001	Sodium, Total	50	mg/L	1.0	0.5		
10/21/2025	METALS	2510211001	Magnesium, Total	64.3	mg/L	1.0	0.03		
10/21/2025	METALS	2510211001	Calcium, Total	105	mg/L	1.0	0.3		
10/21/2025	METALS	2510211001	Potassium, Total	5.1	mg/L	2.0	0.4		
10/21/2025	METALS	2510211001	Arsenic, Total	0.0007	mg/L	0.0010	0.0004		J
10/21/2025	METALS	2510211001	Nickel, Total	0.042	mg/L	0.040	0.003		
10/21/2025	METALS	2510211001	Barium, Total	0.027	mg/L	0.020	0.003		
10/21/2025	METALS	2510211001	Strontium, Total	2.72	mg/L	0.10	0.002		
10/21/2025	METALS	2510211001	Vanadium, Total	0.006	mg/L	0.050	0.0007		J
10/21/2025	ANIONS	2510211002	Sulfate	313	mg/L	20	4		
10/21/2025	ANIONS	2510211002	Fluoride, undistilled	0.75	mg/L	0.10	0.010		
10/21/2025	ANIONS	2510211002	Chloride	48.4	mg/L	2.0	0.5		
10/21/2025	ANIONS	2510211002	Alkalinity, Total as CaCO3	218	mg/L	2.0	1.8		
10/21/2025	SM2540C	2510211003	Total Dissolved Solids (TDS)	806	mg/L	10	10		
10/21/2025	6850	2510211004	Perchlorate	0.54	ug/L	0.20	0.10		
10/21/2025	353.2	2510211005	Nitrate+Nitrite as Nitrogen	1.2	mg/L	0.050	0.002		

Analytical Results for Sampling Events at PFE-4A

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/20/2025	8260	2510201350	Silane, methoxytrimethyl-	1.3	ug/L	NA	NA		J TIC FB
10/20/2025	8260	2510201350	Trichloroethene (TCE)	1.3	ug/L	1.0	0.20		
10/20/2025	8260	2510201350	Cyclotetrasiloxane, octamethyl-	0.62	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201350	Trichlorofluoromethane (CFC 11)	1.4	ug/L	1.0	0.24		
10/20/2025	8260	2510201350	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.2	ug/L	1.0	0.20		
10/20/2025	NDMA_LL	2510201352	N-Nitrosodimethylamine	19.33	ng/L	0.48	0.35		
10/20/2025	NDMA_LL	2510201352	N-Nitrodimethylamine	11.26	ng/L	0.48	0.33		
10/20/2025	607	2510201354	Bromacil	0.01	µg/L	0.01	0.0051	158	
10/20/2025	607	2510201354	N-Nitrodimethylamine	0.006	µg/L	0.01	0.0051	117	J

Analytical Results for Sampling Events at PFE-5

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/20/2025	8260	2510201235	1,1,2-Trichloro-1,2,2-Trifluoroethane	7.3	ug/L	1.0	0.20		
10/20/2025	8260	2510201235	Dichlorofluoromethane (CFC 21)	0.22	ug/L	1.0	0.20		J
10/20/2025	8260	2510201235	Tetrachloroethene (PCE)	1.2	ug/L	1.0	0.21		
10/20/2025	8260	2510201235	Trichloroethene (TCE)	29	ug/L	1.0	0.20		
10/20/2025	8260	2510201235	Trichlorofluoromethane (CFC 11)	10	ug/L	1.0	0.24		
10/20/2025	8260	2510201235	Sulfur Dioxide	0.56	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201235	Silane, methoxytrimethyl-	1.1	ug/L	NA	NA		J TIC QD FB
10/20/2025	8260	2510201236	Sulfur Dioxide	0.52	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201236	1,1,2-Trichloro-1,2,2-Trifluoroethane	7.2	ug/L	1.0	0.20		
10/20/2025	8260	2510201236	Dichlorofluoromethane (CFC 21)	0.23	ug/L	1.0	0.20		J
10/20/2025	8260	2510201236	Tetrachloroethene (PCE)	1.2	ug/L	1.0	0.21		
10/20/2025	8260	2510201236	Trichlorofluoromethane (CFC 11)	11	ug/L	1.0	0.24		
10/20/2025	8260	2510201236	Glycine	0.98	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201236	Silane, methoxytrimethyl-	2.4	ug/L	NA	NA		J TIC QD FB
10/20/2025	8260	2510201236	Trichloroethene (TCE)	29	ug/L	1.0	0.20		
10/20/2025	607	2510201238	N-Nitrosodimethylamine	0.22	µg/L	0.01	0.0051	88	
10/20/2025	607	2510201238	N-Nitrodimethylamine	0.12	µg/L	0.01	0.0051	117	
10/20/2025	607	2510201238	Bromacil	0.02	µg/L	0.01	0.0051	158	
10/20/2025	607	2510201239	Bromacil	0.02	µg/L	0.01	0.0051	158	
10/20/2025	607	2510201239	N-Nitrosodimethylamine	0.28	µg/L	0.01	0.0051	88	
10/20/2025	607	2510201239	N-Nitrodimethylamine	0.15	µg/L	0.01	0.0051	117	

Analytical Results for Sampling Events at PFE-7

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
10/20/2025	8260	2510201315	Trichloroethene (TCE)	4.4	ug/L	1.0	0.20		
10/20/2025	8260	2510201315	Trichlorofluoromethane (CFC 11)	3.9	ug/L	1.0	0.24		
10/20/2025	8260	2510201315	Trimethylsilyl fluoride	0.78	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201315	Silane, methoxytrimethyl-	3.4	ug/L	NA	NA		J TIC FB
10/20/2025	8260	2510201315	Silanol, trimethyl-	1.6	ug/L	NA	NA		J TIC
10/20/2025	8260	2510201315	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.2	ug/L	1.0	0.20		
10/20/2025	NDMA_LL	2510201318	N-Nitrodimethylamine	0.79	ng/L	0.48	0.34		
10/20/2025	NDMA_LL	2510201318	N-Nitrosodimethylamine	2.17	ng/L	0.48	0.35		
10/20/2025	NDMA_LL	2510201319	N-Nitrosodimethylamine	2.2	ng/L	0.49	0.35		
10/20/2025	NDMA_LL	2510201319	N-Nitrodimethylamine	0.77	ng/L	0.49	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	8/19/2025	
Sample	**Parameter**		**Result**	**Units**
2508191250	Conductivity		1061	µS/cm
2508191250	pH		8.47	NA
2508191250	Temperature		27.8	ºC
2508191250	Turbidity		0.53	NTU

Well ID	B655-EFF-2	Event Date	9/10/2025	
Sample	**Parameter**		**Result**	**Units**
2509101243	Conductivity		1054	µS/cm
2509101243	pH		8.44	NA
2509101243	Temperature		28.1	ºC
2509101243	Turbidity		0.33	NTU

Well ID	B655-EFF-2	Event Date	10/10/2025	
Sample	**Parameter**		**Result**	**Units**
2510100522	Conductivity		1034	µS/cm
2510100522	pH		8.44	NA
2510100522	Temperature		26.6	ºC
2510100522	Turbidity		.20	NTU

Well ID	B655-INF-2	Event Date	8/19/2025	
Sample	**Parameter**		**Result**	**Units**
2508191305	Conductivity		495.1	µS/cm
2508191305	pH		7.19	NA
2508191305	Temperature		25.5	ºC
2508191305	Turbidity		0.39	NTU

Well ID	B655-INF-2	Event Date	9/10/2025	
Sample	**Parameter**		**Result**	**Units**
2509101254	Conductivity		1083	µS/cm
2509101254	pH		7.19	NA
2509101254	Temperature		25.3	ºC
2509101254	Turbidity		0.24	NTU

Well ID	B655-INF-2	Event Date	10/10/2025	
Sample	**Parameter**		**Result**	**Units**
2510100538	Conductivity		1028	µS/cm
2510100538	pH		7.11	NA
2510100538	Temperature		25.0	ºC
2510100538	Turbidity		0.23	NTU

Well ID	MPE-1	Event Date	8/19/2025	
Sample	**Parameter**		**Result**	**Units**
2508190825	Conductivity		1284	µS/cm
2508190825	DTW			ft
2508190825	pH		7.89	NA
2508190825	Temperature		24.2	ºC
2508190825	Turbidity		0.55	NTU

Well ID	MPE-10	Event Date	8/19/2025	
Sample	**Parameter**		**Result**	**Units**
2508190910	Conductivity		1195	µS/cm
2508190910	DTW			ft
2508190910	pH		7.65	NA
2508190910	Temperature		19.8	ºC
2508190910	Turbidity		0.61	NTU

Well ID	MPE-11	Event Date	8/19/2025	
Sample	**Parameter**		**Result**	**Units**
2508190935	Conductivity		1013	µS/cm
2508190935	DTW			ft
2508190935	pH		7.49	NA
2508190935	Temperature		24.8	ºC
2508190935	Turbidity		2.32	NTU

Well ID	MPE-3	Event Date	8/20/2025	
Sample	**Parameter**		**Result**	**Units**
2508200858	Conductivity		1138	µS/cm
2508200858	DTW			ft
2508200858	pH		7.10	NA
2508200858	Temperature		24.5	ºC
2508200858	Turbidity		0.63	NTU

Well ID	MPE-4	Event Date	8/20/2025	
Sample	**Parameter**		**Result**	**Units**
2508200820	Conductivity		1123	µS/cm
2508200820	DTW			ft
2508200820	pH		7.30	NA
2508200820	Temperature		23.1	ºC
2508200820	Turbidity		0.34	NTU

Well ID	MPE-9	Event Date	8/19/2025	
Sample	**Parameter**		**Result**	**Units**
2508190840	Conductivity		1233	µS/cm
2508190840	DTW			ft
2508190840	pH		7.29	NA
2508190840	Temperature		23.0	ºC
2508190840	Turbidity		1.12	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
8/19/2025	8260_LL	2508191251	Methyl nitrite	1.5	ug/L	NA	NA		J TIC
8/19/2025	NDMA_LL	2508191254	N-Nitrosodimethylamine	0.98	ng/L	0.49	0.36		A FB
9/10/2025	NDMA_LL	2509101248	N-Nitrosodimethylamine	0.44	ng/L	0.49	0.35		J RB FB
10/10/2025	8260_LL	2510100526	Ethyne, fluoro-	3.8	ug/L	NA	NA		J TIC
10/10/2025	8260_LL	2510100526	Trimethylsilyl fluoride	5.7	ug/L	NA	NA		J TIC
10/10/2025	8260_LL	2510100526	Silanol, trimethyl-	2.2	ug/L	NA	NA		J TIC
10/10/2025	8260_LL	2510100526	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.82	ug/L	0.50	0.20		
10/10/2025	8260_LL	2510100526	Trichlorofluoromethane (CFC 11)	0.35	ug/L	0.50	0.24		J
10/10/2025	8270	2510100531	1,4-Dioxane	0.056	ug/L	0.040	0.035		

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
8/19/2025	8260	2508191306	Trichlorofluoromethane (CFC 11)	140	ug/L	1.0	0.24		A
8/19/2025	8260	2508191306	Silane, methoxytrimethyl-	3.6	ug/L	NA	NA		J TIC
8/19/2025	8260	2508191306	cis-1,2-Dichloroethene	0.28	ug/L	1.0	0.23		A J
8/19/2025	8260	2508191306	1,1,2-Trichloro-1,2,2-Trifluoroethane	360	ug/L	5.0	1.0		D
8/19/2025	8260	2508191306	Tetrachloroethene (PCE)	2.9	ug/L	1.0	0.21		
8/19/2025	8260	2508191306	Dichlorofluoromethane (CFC 21)	2	ug/L	1.0	0.20		A
8/19/2025	8260	2508191306	Trichloroethene (TCE)	61	ug/L	1.0	0.20		
8/19/2025	8260	2508191306	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.6	ug/L	1.0	0.20		
8/19/2025	607	2508191308	Bromacil	0.23	µg/L	0.0096	0.0048	120	
8/19/2025	607	2508191308	N-Nitrosodimethylamine	2.18	µg/L	0.0096	0.0048	56	
8/19/2025	607	2508191308	N-Nitrodimethylamine	1.36	µg/L	0.0096	0.0048	88	
9/10/2025	8260	2509101255	1,1,2-Trichloro-1,2,2-Trifluoroethane	250	ug/L	5.0	1.0		D
9/10/2025	8260	2509101255	Carbon Dioxide	1800	ug/L	NA	NA		J TIC RB
9/10/2025	8260	2509101255	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.3	ug/L	5.0	1.0		D J
9/10/2025	8260	2509101255	Trichlorofluoromethane (CFC 11)	120	ug/L	5.0	1.2		D
9/10/2025	8260	2509101255	Trichloroethene (TCE)	52	ug/L	5.0	1.0		D
9/10/2025	8260	2509101255	Dichlorofluoromethane (CFC 21)	1.3	ug/L	5.0	1.0		D J
9/10/2025	8260	2509101255	Tetrachloroethene (PCE)	4.2	ug/L	5.0	1.1		D J
9/10/2025	607	2509101257	Bromacil	0.23	µg/L	0.0095	0.0048	144	
9/10/2025	607	2509101257	N-Nitrodimethylamine	1.55	µg/L	0.0095	0.0048	97	
9/10/2025	607	2509101257	N-Nitrosodimethylamine	2.45	µg/L	0.0095	0.0048	64	
10/10/2025	8260	2510100545	1,1-Dichloroethene	0.69	ug/L	1.0	0.20		J
10/10/2025	8260	2510100545	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.5	ug/L	1.0	0.20		
10/10/2025	8260	2510100545	Carbon Dioxide	490	ug/L	NA	NA		D J RB TIC
10/10/2025	8260	2510100545	Carbon Dioxide	87	ug/L	NA	NA		J RB TIC
10/10/2025	8260	2510100545	Trimethylsilyl fluoride	4.2	ug/L	NA	NA		J TIC
10/10/2025	8260	2510100545	Silane, methyl-	0.7	ug/L	NA	NA		J TIC
10/10/2025	8260	2510100545	Silane, methoxytrimethyl-	1.5	ug/L	NA	NA		J TIC FB
10/10/2025	8260	2510100545	Dichlorofluoromethane (CFC 21)	1.5	ug/L	1.0	0.20		
10/10/2025	8260	2510100545	Tetrachloroethene (PCE)	3.1	ug/L	1.0	0.21		
10/10/2025	8260	2510100545	Trichloroethene (TCE)	60	ug/L	1.0	0.20		
10/10/2025	8260	2510100545	Trichlorofluoromethane (CFC 11)	110	ug/L	1.0	0.24		
10/10/2025	8260	2510100545	1,1,2-Trichloro-1,2,2-Trifluoroethane	220	ug/L	2.5	0.50		D
10/10/2025	8260	2510100545	Acetone	5.2	ug/L	10	5.0		J
10/10/2025	607	2510100547	Bromacil	0.2	µg/L	0.01	0.005	141	
10/10/2025	607	2510100547	N-Nitrosodimethylamine	2.6	µg/L	0.01	0.005	74	

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
10/10/2025	607	2510100547	N-Nitrodimethylamine	1.45	µg/L	0.01	0.005	109	
10/10/2025	8270	2510100548	1,4-Dioxane	0.15	ug/L	0.040	0.035		

Analytical Results for Sampling Events at MPE-1

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/19/2025	8260	2508190830	1,1,2-Trichloro-1,2,2-Trifluoroethane	380	ug/L	5.0	1.0		D
8/19/2025	8260	2508190830	Dichlorofluoromethane (CFC 21)	2.5	ug/L	1.0	0.20		A
8/19/2025	8260	2508190830	Tetrachloroethene (PCE)	3.8	ug/L	1.0	0.21		
8/19/2025	8260	2508190830	Trichloroethene (TCE)	82	ug/L	1.0	0.20		
8/19/2025	8260	2508190830	Trichlorofluoromethane (CFC 11)	190	ug/L	1.0	0.24		A
8/19/2025	8260	2508190830	cis-1,2-Dichloroethene	0.31	ug/L	1.0	0.23		A J
8/19/2025	8260	2508190830	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	2	ug/L	1.0	0.20		
8/19/2025	8260	2508190830	Silane, methoxytrimethyl-	3.3	ug/L	NA	NA		J TIC FB
8/19/2025	607	2508190832	Bromacil	0.38	µg/L	0.0097	0.0049	120	
8/19/2025	607	2508190832	N-Nitrosodimethylamine	2.57	µg/L	0.0097	0.0049	56	
8/19/2025	607	2508190832	N-Nitrodimethylamine	1.79	µg/L	0.0097	0.0049	88	

Analytical Results for Sampling Events at MPE-10

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/19/2025	8260	2508190911	1,1,2-Trichloro-1,2,2-Trifluoroethane	230	ug/L	2.5	0.50		D
8/19/2025	8260	2508190911	Tetrachloroethene (PCE)	2.6	ug/L	1.0	0.21		
8/19/2025	8260	2508190911	Trichloroethene (TCE)	57	ug/L	1.0	0.20		
8/19/2025	8260	2508190911	Trichlorofluoromethane (CFC 11)	130	ug/L	1.0	0.24		A
8/19/2025	8260	2508190911	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.7	ug/L	1.0	0.20		
8/19/2025	8260	2508190911	Silane, methoxytrimethyl-	1.9	ug/L	NA	NA		J TIC FB
8/19/2025	8260	2508190911	Dichlorofluoromethane (CFC 21)	2.5	ug/L	1.0	0.20		A
8/19/2025	8260	2508190912	Dichlorofluoromethane (CFC 21)	2.2	ug/L	1.0	0.20		A
8/19/2025	8260	2508190912	Tetrachloroethene (PCE)	2.9	ug/L	1.0	0.21		
8/19/2025	8260	2508190912	Trichloroethene (TCE)	58	ug/L	1.0	0.20		
8/19/2025	8260	2508190912	Trichlorofluoromethane (CFC 11)	130	ug/L	1.0	0.24		A
8/19/2025	8260	2508190912	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.5	ug/L	1.0	0.20		
8/19/2025	8260	2508190912	1,1,2-Trichloro-1,2,2-Trifluoroethane	220	ug/L	2.5	0.50		D
8/19/2025	607	2508190914	N-Nitrosodimethylamine	2.11	µg/L	0.0096	0.0048	56	
8/19/2025	607	2508190914	N-Nitrodimethylamine	1.31	µg/L	0.0096	0.0048	88	
8/19/2025	607	2508190914	Bromacil	0.18	µg/L	0.0096	0.0048	120	

Analytical Results for Sampling Events at MPE-11

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/19/2025	8260	2508190936	1,1,2-Trichloro-1,2,2-Trifluoroethane	19	ug/L	1.0	0.20		
8/19/2025	8260	2508190936	Dichlorofluoromethane (CFC 21)	1.5	ug/L	1.0	0.20		A
8/19/2025	8260	2508190936	Tetrachloroethene (PCE)	0.37	ug/L	1.0	0.21		J
8/19/2025	8260	2508190936	Trichloroethene (TCE)	8.4	ug/L	1.0	0.20		
8/19/2025	8260	2508190936	Trichlorofluoromethane (CFC 11)	15	ug/L	1.0	0.24		A
8/19/2025	8260	2508190936	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.85	ug/L	1.0	0.20		J
8/19/2025	8260	2508190936	Silane, methoxytrimethyl-	1.6	ug/L	NA	NA		J TIC
8/19/2025	607	2508190938	N-Nitrosodimethylamine	0.17	µg/L	0.0096	0.0048	56	
8/19/2025	607	2508190938	N-Nitrodimethylamine	0.09	µg/L	0.0096	0.0048	88	
8/19/2025	607	2508190938	Bromacil	0.007	µg/L	0.0096	0.0048	120	J

Analytical Results for Sampling Events at MPE-3

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/20/2025	8260	2508200900	Tetrachloroethene (PCE)	4.5	ug/L	1.0	0.21		
8/20/2025	8260	2508200900	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	2	ug/L	1.0	0.20		
8/20/2025	8260	2508200900	Silane, methoxytrimethyl-	3.5	ug/L	NA	NA		J TIC
8/20/2025	8260	2508200900	Dichlorofluoromethane (CFC 21)	2.3	ug/L	1.0	0.20		A
8/20/2025	8260	2508200900	1,1,2-Trichloro-1,2,2-Trifluoroethane	610	ug/L	5.0	1.0		D
8/20/2025	8260	2508200900	Trichlorofluoromethane (CFC 11)	220	ug/L	1.0	0.24		A G
8/20/2025	8260	2508200900	Trichloroethene (TCE)	97	ug/L	1.0	0.20		
8/20/2025	607	2508200902	N-Nitrosodimethylamine	1.93	µg/L	0.0094	0.0047	56	
8/20/2025	607	2508200902	N-Nitrodimethylamine	1.35	µg/L	0.0094	0.0047	88	
8/20/2025	607	2508200902	Bromacil	0.22	µg/L	0.0094	0.0047	120	

Analytical Results for Sampling Events at MPE-4

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/20/2025	8260	2508200821	1,1,2-Trichloro-1,2,2-Trifluoroethane	150	ug/L	1.0	0.20		
8/20/2025	8260	2508200821	Dichlorofluoromethane (CFC 21)	1.2	ug/L	1.0	0.20		A
8/20/2025	8260	2508200821	Tetrachloroethene (PCE)	2.9	ug/L	1.0	0.21		
8/20/2025	8260	2508200821	Trichloroethene (TCE)	67	ug/L	1.0	0.20		
8/20/2025	8260	2508200821	Trichlorofluoromethane (CFC 11)	99	ug/L	1.0	0.24		A
8/20/2025	8260	2508200821	cis-1,2-Dichloroethene	0.3	ug/L	1.0	0.23		A J
8/20/2025	8260	2508200821	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.2	ug/L	1.0	0.20		
8/20/2025	607	2508200823	N-Nitrosodimethylamine	1.09	µg/L	0.0095	0.0048	56	
8/20/2025	607	2508200823	N-Nitrodimethylamine	0.91	µg/L	0.0095	0.0048	88	
8/20/2025	607	2508200823	Bromacil	0.38	µg/L	0.0095	0.0048	120	

Analytical Results for Sampling Events at MPE-9

Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
8/19/2025	8260	2508190841	Dichlorofluoromethane (CFC 21)	2.2	ug/L	1.0	0.20		A
8/19/2025	8260	2508190841	1,1,2-Trichloro-1,2,2-Trifluoroethane	460	ug/L	5.0	1.0		D
8/19/2025	8260	2508190841	Tetrachloroethene (PCE)	4.2	ug/L	1.0	0.21		
8/19/2025	8260	2508190841	Trichloroethene (TCE)	96	ug/L	1.0	0.20		
8/19/2025	8260	2508190841	Trichlorofluoromethane (CFC 11)	220	ug/L	5.0	1.2		A D
8/19/2025	8260	2508190841	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	2.1	ug/L	1.0	0.20		
8/19/2025	8260	2508190841	Silane, methoxytrimethyl-	0.9	ug/L	NA	NA		J TIC FB
8/19/2025	607	2508190843	N-Nitrosodimethylamine	2.61	µg/L	0.0095	0.0048	56	
8/19/2025	607	2508190843	N-Nitrodimethylamine	1.65	µg/L	0.0095	0.0048	88	
8/19/2025	607	2508190843	Bromacil	0.22	µg/L	0.0095	0.0048	120	
8/19/2025	607	2508190844	Bromacil	0.22	µg/L	0.0097	0.0049	120	
8/19/2025	607	2508190844	N-Nitrosodimethylamine	2.3	µg/L	0.0097	0.0049	56	
8/19/2025	607	2508190844	N-Nitrodimethylamine	1.49	µg/L	0.0097	0.0049	88	

Appendix A.7
Water Supply Well Sampling Events

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

Well ID	WELL J2	Event Date	6/17/2025	
Sample	**Parameter**		**Result**	**Units**
2506170830	Conductivity		1258	µS/cm
2506170830	DTW			ft
2506170830	pH		7.88	NA
2506170830	Temperature		26.3	ºC
2506170830	Turbidity		3.20	NTU

Well ID	WELL J2	Event Date	7/2/2025	
Sample	**Parameter**		**Result**	**Units**
2507021325	Conductivity		1022	µS/cm
2507021325	DTW			ft
2507021325	pH		7.30	NA
2507021325	Temperature		25.3	ºC
2507021325	Turbidity		.51	NTU

Well ID	WELL J2	Event Date	8/1/2025	
Sample	**Parameter**		**Result**	**Units**
2508010750	Conductivity		1231	µS/cm
2508010750	DTW			ft
2508010750	pH		7.95	NA
2508010750	Temperature		25.0	ºC
2508010750	Turbidity		1.68	NTU

Well ID	WELL J2	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601140935	Conductivity		1029	µS/cm
2601140935	DTW			ft
2601140935	pH		7.33	NA
2601140935	Temperature		18.3	ºC
2601140935	Turbidity		4.86	NTU

Well ID	WELL K	Event Date	11/12/2024	
Sample	**Parameter**		**Result**	**Units**
2411121320	Atmospheric Pressure			psia
2411121320	Conductivity		1060	µS/cm
2411121320	DTW			ft
2411121320	Formation Pressure			psia
2411121320	pH		7.7	NA
2411121320	Temperature		23.8	ºC
2411121320	Turbidity		1.05	NTU

Well ID	WELL K	Event Date	12/3/2024	
Sample	**Parameter**		**Result**	**Units**
2412030930	Atmospheric Pressure			psia
2412030930	Conductivity		1040	µS/cm
2412030930	DTW			ft
2412030930	Formation Pressure			psia
2412030930	pH		7.75	NA
2412030930	Temperature		23.1	ºC
2412030930	Turbidity		3.76	NTU

Well ID	WELL K	Event Date	1/14/2025	
Sample	**Parameter**		**Result**	**Units**
2501140900	Atmospheric Pressure			psia
2501140900	Conductivity		1037	µS/cm
2501140900	DTW			ft
2501140900	Formation Pressure			psia
2501140900	pH		7.84	NA
2501140900	Temperature		21.4	ºC
2501140900	Turbidity		1.82	NTU

Well ID	WELL K	Event Date	2/3/2025	
Sample	**Parameter**		**Result**	**Units**
2502031325	Atmospheric Pressure			psia
2502031325	Atmospheric Pressure			psia
2502031325	Conductivity		10.31	µS/cm
2502031325	Conductivity			µS/cm
2502031325	DTW			ft
2502031325	DTW			ft
2502031325	Formation Pressure			psia
2502031325	Formation Pressure			psia
2502031325	pH		7.72	NA
2502031325	pH			NA
2502031325	Temperature		25	ºC
2502031325	Temperature			ºC
2502031325	Turbidity			NTU
2502031325	Turbidity		2.92	NTU

Well ID	WELL K	Event Date	3/10/2025	
Sample	**Parameter**		**Result**	**Units**
2503100955	Atmospheric Pressure			psia
2503100955	Conductivity		1021	µS/cm
2503100955	DTW			ft
2503100955	Formation Pressure			psia
2503100955	pH		7.84	NA
2503100955	Temperature		23.4	ºC
2503100955	Turbidity		0.44	NTU

Well ID	WELL K	Event Date	4/7/2025	
Sample	**Parameter**		**Result**	**Units**
2504070855	Atmospheric Pressure			psia
2504070855	Conductivity		1030	µS/cm
2504070855	DTW			ft
2504070855	Formation Pressure			psia
2504070855	pH		7.8	NA
2504070855	Temperature		23	ºC
2504070855	Turbidity		0.47	NTU

Well ID	WELL K	Event Date	5/12/2025	
Sample	**Parameter**		**Result**	**Units**
2505120900	Conductivity		1023	µS/cm
2505120900	DTW		NA	ft
2505120900	pH		7.89	NA
2505120900	Temperature		24.8	ºC
2505120900	Turbidity		.84	NTU

Well ID	WELL K	Event Date	6/5/2025	
Sample	**Parameter**		**Result**	**Units**
2506050915	Conductivity		1228	µS/cm
2506050915	DTW			ft
2506050915	pH		7.78	NA
2506050915	Temperature		25.4	ºC
2506050915	Turbidity		1.23	NTU

Well ID	WELL K	Event Date	7/2/2025	
Sample	**Parameter**		**Result**	**Units**
2507021335	Conductivity		1030	µS/cm
2507021335	DTW			ft
2507021335	pH		7.47	NA
2507021335	Temperature		25.4	ºC
2507021335	Turbidity		1.80	NTU

Well ID	WELL K	Event Date	8/1/2025	
Sample	**Parameter**		**Result**	**Units**
2508010805	Conductivity		1221	µS/cm
2508010805	DTW			ft
2508010805	pH		7.71	NA
2508010805	Temperature		24.3	ºC
2508010805	Turbidity		.92	NTU

Well ID	WELL K	Event Date	9/9/2025	
Sample	**Parameter**		**Result**	**Units**
2509091000	Conductivity		1225	µS/cm
2509091000	DTW			ft
2509091000	pH		8.07	NA
2509091000	Temperature		24.3	ºC
2509091000	Turbidity		2.34	NTU

Well ID	WELL K	Event Date	10/1/2025	
Sample	**Parameter**		**Result**	**Units**
2510010935	Conductivity		1241	µS/cm
2510010935	DTW			ft
2510010935	pH		7.57	NA
2510010935	Temperature		24.2	ºC
2510010935	Turbidity		1.11	NTU

Well ID	WELL K	Event Date	11/10/2025	
Sample	**Parameter**		**Result**	**Units**
2511101335	Conductivity		1221	µS/cm
2511101335	DTW			ft
2511101335	pH		7.80	NA
2511101335	Temperature		24.0	ºC
2511101335	Turbidity		.58	NTU

Well ID	WELL K	Event Date	12/2/2025	
Sample	**Parameter**		**Result**	**Units**
2512020900	Conductivity		1027	µS/cm
2512020900	DTW			ft
2512020900	pH		7.85	NA
2512020900	Temperature		22.0	ºC
2512020900	Turbidity		.88	NTU

Well ID	WELL K	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601140910	Conductivity		1050	µS/cm
2601140910	DTW			ft
2601140910	pH		7.99	NA
2601140910	Temperature		19.7	ºC
2601140910	Turbidity		.42	NTU

Well ID	WELL M	Event Date	11/12/2024	
Sample	**Parameter**		**Result**	**Units**
2411121300	Atmospheric Pressure			psia
2411121300	Conductivity		1089	µS/cm
2411121300	DTW			ft
2411121300	Formation Pressure			psia
2411121300	pH		7.75	NA
2411121300	Temperature		23.5	ºC
2411121300	Turbidity		0.42	NTU

Well ID	WELL M	Event Date	12/3/2024	
Sample	**Parameter**		**Result**	**Units**
2412030900	Atmospheric Pressure			psia
2412030900	Conductivity		1053	µS/cm
2412030900	DTW			ft
2412030900	Formation Pressure			psia
2412030900	pH		7.73	NA
2412030900	Temperature		24.3	ºC
2412030900	Turbidity		3.17	NTU

Well ID	WELL M	Event Date	1/14/2025	
Sample	**Parameter**		**Result**	**Units**
2501140840	Atmospheric Pressure			psia
2501140840	Conductivity		1033	µS/cm
2501140840	DTW			ft
2501140840	Formation Pressure			psia
2501140840	pH		7.68	NA
2501140840	Temperature		24.3	ºC
2501140840	Turbidity		1.47	NTU

Well ID	WELL M	Event Date	2/3/2025	
Sample	**Parameter**		**Result**	**Units**
2502031305	Atmospheric Pressure			psia
2502031305	Conductivity		1057	µS/cm
2502031305	DTW			ft
2502031305	Formation Pressure			psia
2502031305	pH		7.74	NA
2502031305	Temperature		24.5	ºC
2502031305	Turbidity		0.66	NTU

Well ID	WELL M	Event Date	3/10/2025	
Sample	**Parameter**		**Result**	**Units**
2503101010	Atmospheric Pressure			psia
2503101010	Conductivity		1052	µS/cm
2503101010	DTW			ft
2503101010	Formation Pressure			psia
2503101010	pH		7.6	NA
2503101010	Temperature		22.7	ºC
2503101010	Turbidity		4.1	NTU

Well ID	WELL M	Event Date	4/7/2025	
Sample	**Parameter**		**Result**	**Units**
2504070915	Atmospheric Pressure			psia
2504070915	Conductivity		1048	µS/cm
2504070915	DTW			ft
2504070915	Formation Pressure			psia
2504070915	pH		7.5	NA
2504070915	Temperature		23.5	ºC
2504070915	Turbidity		3.67	NTU

Well ID	WELL M	Event Date	5/12/2025	
Sample	**Parameter**		**Result**	**Units**
2505120830	Conductivity		1057	µS/cm
2505120830	DTW		NA	ft
2505120830	pH		8.02	NA
2505120830	Temperature		24.3	ºC
2505120830	Turbidity		2.15	NTU

Well ID	WELL M	Event Date	6/5/2025	
Sample	**Parameter**		**Result**	**Units**
2506050900	Conductivity		1256	µS/cm
2506050900	DTW			ft
2506050900	pH		7.94	NA
2506050900	Temperature		25.9	ºC
2506050900	Turbidity		1.23	NTU

Well ID	WELL M	Event Date	7/2/2025	
Sample	**Parameter**		**Result**	**Units**
2507021315	Conductivity		1035	µS/cm
2507021315	DTW			ft
2507021315	pH		7.05	NA
2507021315	Temperature		25.9	ºC
2507021315	Turbidity		3.24	NTU

Well ID	WELL M	Event Date	8/1/2025	
Sample	**Parameter**		**Result**	**Units**
2508010720	Conductivity		1260	µS/cm
2508010720	DTW			ft
2508010720	pH		7.84	NA
2508010720	Temperature		25.1	ºC
2508010720	Turbidity		2.31	NTU

Well ID	WELL M	Event Date	9/9/2025	
Sample	**Parameter**		**Result**	**Units**
2509090930	Conductivity		1263	µS/cm
2509090930	DTW			ft
2509090930	pH		7.75	NA
2509090930	Temperature		25.8	ºC
2509090930	Turbidity		.74	NTU

Well ID	WELL M	Event Date	10/1/2025	
Sample	**Parameter**		**Result**	**Units**
2510010910	Conductivity		1276	µS/cm
2510010910	DTW			ft
2510010910	pH		7.94	NA
2510010910	Temperature		25.0	ºC
2510010910	Turbidity		2.94	NTU

Well ID	WELL M	Event Date	11/10/2025	
Sample	**Parameter**		**Result**	**Units**
2511101305	Conductivity		12.44	µS/cm
2511101305	DTW			ft
2511101305	pH		7.56	NA
2511101305	Temperature		25.1	ºC
2511101305	Turbidity		.53	NTU

Well ID	WELL M	Event Date	12/2/2025	
Sample	**Parameter**		**Result**	**Units**
2512020940	Conductivity		1026	µS/cm
2512020940	DTW			ft
2512020940	pH		7.49	NA
2512020940	Temperature		22.8	ºC
2512020940	Turbidity		.74	NTU

Well ID	WELL M	Event Date	1/14/2026	
Sample	**Parameter**		**Result**	**Units**
2601141035	Conductivity		1058	µS/cm
2601141035	DTW			ft
2601141035	pH		7.65	NA
2601141035	Temperature		22.0	ºC
2601141035	Turbidity		4.20	NTU

Appendix A.8
Detections for Drinking Water Sampling Events

Detections for Sampling Events at WELL J2

Event Date	Analysis Method	Sample	CAS Number	Constituent	Result	Units	Quant Limit	Det Limit	Extract Efficiency	QA Flag
8/1/2025	8260D	2508010755	420-56-4	Trimethylsilyl fluoride	0.84	ug/L	NA	NA		J TIC
8/1/2025	8260D	2508010755	124-38-9	Carbon Dioxide	56	ug/L	NA	NA		J RB TIC
8/1/2025	8260D	2508010755	64-19-7	Acetic Acid	0.32	ug/L	NA	NA		J TIC
7/2/2025	8260D	2507021330	124-38-9	Carbon Dioxide	26	ug/L	NA	NA		J RB TIC
6/17/2025	8260D	2506170840	4025-37-0	(2-Aziridinylethyl)amine	20	ug/L	NA	NA		J RB TIC
6/17/2025	8260D	2506170840	556-67-2	Cyclotetrasiloxane, octamethyl-	0.63	ug/L	NA	NA		J TIC

Detections for Sampling Events at WELL K

Event Date	Analysis Method	Sample	CAS Number	Constituent	Result	Units	Quant Limit	Det Limit	Extract Efficiency	QA Flag
10/1/2025	8260D	2510010940	149-73-5	Methane, trimethoxy-	2.1	ug/L	NA	NA		J TIC
10/1/2025	8260D	2510010940	420-56-4	Trimethylsilyl fluoride	1.8	ug/L	NA	NA		J TIC
10/1/2025	8260D	2510010940	7446-09-5	Sulfur Dioxide	2.1	ug/L	NA	NA		J TIC FB
9/9/2025	8260D	2509091005	7446-09-5	Sulfur Dioxide	1.3	ug/L	NA	NA		J TIC FB
9/9/2025	8260D	2509091005	124-38-9	Carbon Dioxide	94	ug/L	NA	NA		J RB TIC
9/9/2025	8260D	2509091005	420-56-4	Trimethylsilyl fluoride	1.9	ug/L	NA	NA		J TIC
8/1/2025	8260D	2508010806	556-67-2	Cyclotetrasiloxane, octamethyl-	0.66	ug/L	NA	NA		J TIC
8/1/2025	8260D	2508010806	124-38-9	Carbon Dioxide	60	ug/L	NA	NA		J RB TIC
7/2/2025	8260D	2507021340	124-38-9	Carbon Dioxide	27	ug/L	NA	NA		J RB TIC
5/12/2025	TAP 01-040	2505120908	62-75-9	N-Nitrosodimethylamine	0.65	ng/L	0.47	0.34		K RB FB
5/12/2025	8270E	2505120910	994-05-8	Butane, 2-methoxy-2-methyl-	860	ug/L	NA	NA		J TIC
4/7/2025	TAP 01-040	2504070902	62-75-9	N-Nitrosodimethylamine	0.52	ng/L	0.48	0.35		
2/3/2025	8260D	2502031330	TIC	Unknown	34	ug/L	NA	NA		J TIC
2/3/2025	TAP 01-040	2502031332	62-75-9	N-Nitrosodimethylamine	1.29	ng/L	0.48	0.33		K RB FB
1/14/2025	8260D	2501140905	TIC	Unknown	36	ug/L	NA	NA		J TIC
12/3/2024	8260D	2412030935	TIC	Unknown	40	ug/L	NA	NA		J TIC

Detections for Sampling Events at WELL M

Event Date	Analysis Method	Sample	CAS Number	Constituent	Result	Units	Quant Limit	Det Limit	Extract Efficiency	QA Flag
10/1/2025	8260D	2510010915	7446-09-5	Sulfur Dioxide	2.7	ug/L	NA	NA		J TIC FB
10/1/2025	8260D	2510010915	420-56-4	Trimethylsilyl fluoride	3.2	ug/L	NA	NA		J TIC
10/1/2025	8260D	2510010915	1825-61-2	Silane, methoxytrimethyl-	5.9	ug/L	NA	NA		J TIC FB
10/1/2025	8260D	2510010915	1066-40-6	Silanol, trimethyl-	2.5	ug/L	NA	NA		J TIC
9/9/2025	8260D	2509090935	7446-09-5	Sulfur Dioxide	2.4	ug/L	NA	NA		J TIC
9/9/2025	8260D	2509090935	124-38-9	Carbon Dioxide	98	ug/L	NA	NA		J RB TIC
8/1/2025	8260D	2508010725	1825-61-2	Silane, methoxytrimethyl-	0.73	ug/L	NA	NA		J TIC
8/1/2025	8260D	2508010725	64-19-7	Acetic Acid	0.73	ug/L	NA	NA		J TIC FB
7/2/2025	8260D	2507021320	124-38-9	Carbon Dioxide	29	ug/L	NA	NA		J RB TIC
6/5/2025	8260D	2506050905	7446-09-5	Sulfur Dioxide	2	ug/L	NA	NA		J TIC FB
5/12/2025	TAP 01-040	2505120838	62-75-9	N-Nitrosodimethylamine	0.53	ng/L	0.48	0.35		RB FB
5/12/2025	8270E	2505120840	994-05-8	Butane, 2-methoxy-2-methyl-	690	ug/L	NA	NA		J TIC
2/3/2025	8260D	2502031310	TIC	Unknown	34	ug/L	NA	NA		J TIC
2/3/2025	TAP 01-040	2502031312	62-75-9	N-Nitrosodimethylamine	1.3	ng/L	0.47	0.33		K RB
1/14/2025	8260D	2501140845	TIC	Unknown	37	ug/L	NA	NA		J TIC
12/3/2024	8260D	2412030905	TIC	Unknown	43	ug/L	NA	NA		J TIC

Appendix B
Sampling Event Logbook Entries and Internal CoC Forms

8/5/25

22
PROJECT 200-H-225 WJI ENV-0020

Notebook No. D64 # 134(y)
Continued from page N/A

Al Montes & Craig Del Ferraro present. Weather is clear & hot. This zone will be sampled using 5 triple rinsed, stainless steel sample tubes. Probe #1539. Surface checks performed on probe prior to sampling.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
250805 0725y	VOA by 8260	ice/HCL	(3) 40ml vials	2797	ALS

30 Min Equipment blanks - Carboy G3

Sample	Analysis	Preservative	Container	Lot	Lab
250805 0850y	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
——— 0851y	607/Bromacil	ice	(1) 1L Amber	011990IJ	SRI

Initial Parameters
Time - 250805 0925y
PH - 7.52
Temp - 24.8°C
Cond - 1376 us/cm
Turb - 1.00 NTU's
pH pre - 7.05/10.03 (20.6°C)
pH post - 7.05/10.02
DTW - 42.41 ft.
Atmos - 12.44 psia

Final
Time - 250805 1011y
PH - 7.46
Temp - 25.2°C
Cond - 1370 us/cm
Turb - 0.92 NTU's
pH pre - 6.98/10.00 (28.8°C)
pH post - 6.99/9.98
DTW - 42.49 ft.
Atmos - 12.46 psia
IDW - ½ gal.

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU's
" rdg - 51.0 NTU
" lot - A5022
" Exp - 8/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250805 0945y	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
——— 0946y	" (Dupl.)	"	"	"	"
——— 0947y	607/Bromacil	ice	(1) 1L Amber	011990IJ	SRI
——— 1010y	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	ALS

Runs 1) 94.57 2) 94.59 3) 94.49
42.20 42.22 42.18
42.18 42.21 42.21
94.61 94.58 94.51

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/5/25 B-2 Peter U Nunnch 8-6-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/5/25 Page 1 of 1

Sample Location: 200-H-225

Sample Number	# of Containers	Sample Matrix*	8260	607	Total Metals					Charge Number
Pertinent Notes (if any)			Analytical Requirement							
250805 0725Y (TB)	3	A	✓							XGMD
0850Y (EB)	3	A	✓							"
0851Y (EB)	1	A		✓						"
0945Y	3	A	✓							"
0946Y (Dupl.)	3	A	✓							"
0947Y	1	A		✓						"
1010Y	2	A			✓					"

Sample Location:

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

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zenno	8/5/25 / 1040hrs.		[signature]	8-6-25 / 0810

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

Al Montes & Craig Del Ferraro present. Weather is clear & hot. This zone will be sampled using 5 steam cleaned & triple rinsed, stainless steel sample tubes. Probe #1539. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks – Carboy G3

Sample	Analysis	Preservative	Container	Lot	Lab
250804090oy	VOA by 8260	ice / HCL	(3) 40ml vials	2801	ALS

Initial Parameters
Time – 250804093oy
PH – 7.64
Temp – 24.6°C
Cond – 2.15 ms/cm
Turb – 0.81 NTU's
pHpre – 7.02/10.02 (24.1°C)
pHpost – 7.03/10.01
DTW – 42.25 ft.
Atmos – 12.38 psia

Final
Time – 250804102oy
PH – 7.57
Temp – 24.9°C
Cond – 2.16 ms/cm
Turb – 0.73 NTU's
pHpre – 7.00/9.98 (27.1°C)
pHpost – 7.01/9.97
DTW – 42.31 ft.
Atmos – 12.35 psia
IDW – 1/2 gal.

Meter ID
pH/Cond – 18
Turb – 7
" Std – 50.1 NTU
" rdg – 51.3 NTU
" lot – A5022
" Exp – 8/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250804 0950y	VOA by 8260	ice / HCL	(3) 40ml vials	2801	ALS
—— 0951y	607/Bromacil	ice	(1) 1L Amber	011990IJ	SRI
—— 1015y	Total Metals	ice/HNO3	(2) 125ml polys	031725-ZAES	ALS
—— 1016y	Anions/Alk.	ice	"	021025-ZERD	"
—— 1017y	TDS by SM2540C	"	(1) 250ml poly	052024-ZERG	"
—— 1018y	Perchlorate by 6850	"	(1) 125ml poly	110424-ZERD	"
—— 1019y	NO_2/NO_3 by 353.2	ice / H_2SO_4	(1) "	021725-4ELR	"

Runs 1) 141.38, 105.03, 105.06, 141.36
2) 141.28, 104.95, 104.91, 141.25
3) 141.22, 104.90, 104.86, 141.19

Continued from page N/A

Read and Understood By

Craig Del Ferro 8/4/25

Ron Munch 8-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/4/25 Page 1 of 1

Sample Location: 200-H-331

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	607	Total Metals	Anions/Alk.	TDS	Perchlorate	~~NO2/NO3~~	Charge Number
250804 0900Y (EB)	3	A	✓							XGMD
0950Y	3	A	✓							"
0951Y	1	A		✓						"
1015Y	2	A			✓					"
1016Y	2	A				✓				"
1017Y	1	A					✓			"
1018Y	1	A						✓		"

Sample Location: 200-H-331

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	NO2/NO3							Charge Number
250804 1019Y	1	A	✓							XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
Craig Dolfeno	8/4/25 / 1100hrs.	[signature]	8-5-25 / 0810

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

WSTF 381C (05/2016)

Al Montas & Craig Del Ferraro present. Weather is clear & hot. This zone will be sampled using 5 triple rinsed, stainless steel sample tubes. Probe#1539. Surface checks performed on probe prior to sampling.

30 Min Equipment blanks - Carboy G3

Sample	Analysis	Preservative	Container	Lot	Lab
250804 1250Y	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
——— 1251Y	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"

Initial Parameters
Time - 250804 1320Y
PH - 7.48
Temp - 25.1°C
Cond - 2.35 ms/cm
Turb - 0.68 NTU's
pHpre - 6.95/9.97 (31.0°C)
pHpost - 6.94/9.97
DTW - 42.31 ft.
Atmos - 12.40 psia

Final
Time - 250804 1411Y
PH - 7.51
Temp - 25.3°C
Cond - 2.34 ms/cm
Turb - 0.75 NTU's
pHpre - 6.93/9.94 (33.3°C)
pHpost - 6.94/9.92
DTW - 42.41 ft.
Atmos - 12.38 psia
IDW - 1/2 gal.

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU's
" rdg - 51.3 NTU's
" lot - A5022
" Exp - 8/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250804 1345Y	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
——— 1346Y	607/Bromacil	ice	(1) 1L Amber	011990 IS	SRI
——— 1410Y	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	ALS

Runs 1) 185.45, 188.40, 188.40, 185.49
2) 185.40, 188.42, 188.42, 185.39
3) 185.21, 188.40, 188.35, 185.24

Continued from page N/A

Read and Understood By

Craig Del Ferro 8/4/25 — Signed — Date

Dan Mumdr 8-5-25 — Signed — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/4/25 Page 1 of 1

Sample Location: 200-H-433

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals					Charge Number
250804 1250y (EB)	3	A	✓							XGMD
——— 1251y (EB)	1	A			✓					u
——— 1345y	3	A	✓							u
——— 1346y	1	A		✓						u
——— 1410y	2	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 Ferme	8/4/25 / 1435 hrs.		[signature]	8-5-25 / 0810

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

Al Montes & Craig Del Ferraro present. Weather is clear & hot. This zone will be sampled using 5 triple rinsed, stainless steel sample tubes. Probe #1539. Gen. in use. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy GI

Sample	Analysis	Preservative	Container	Lot	Lab
250806 1405y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2797	ALS

Initial Parameters
Time - 250806 1435y
PH - 8.48
Temp - 24.9°c
Cond - 382 us/cm
Turb - 2.40 NTU's
pH pre - 6.95/9.96 (31.3°c)
pH post - 6.94/9.96
DTW - 206.54 ft.
Atmos - 12.47 psia

Final
Time - 250807 1050y
PH - 8.40
Temp - 24.4°c
Cond - 391 us/cm
Turb - 1.88 NTU's
pH pre - 7.01/9.98 (28.9°c)
pH post - 7.02/9.96
DTW - 206.61 ft.
Atmos - 12.45 psia
IDW - Ø

Meter ID
pH/Cond - 18
Turb - 7
" std - 50.1 NT
" rdg - 50.8 NT
" lot - A5026
" Exp - 8/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250807 0850y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2797	ALS
——— 0851y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
——— 1000y	Total Metals	ice/HNO3	(2) 125ml polys	03125-2AES	ALS

*Robert Burrows replaced Al Montes on 8/7.

Runs	1)	2)	3)	4)
	12.46	12.54	12.51	12.53
	31.41	31.28	28.97	29.01
	19.81	22.90	22.84	23.15
	12.42	12.56	12.56	12.54

Continued from page N/A

Read and Understood By

Craig Del Ferro 8/7/25 Robert Burrows 8-7-25
Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/6/25 Page 1 of 2

Sample Location: 400-D-195

Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL							Charge Number
Sample Number										
250806 1405y (EB)	3	A	✓							XGMD

Sample Location:

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

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	8/6/25 / 1500hrs.			8-7-25 / 0800

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/7/25 Page 2 of 2

Sample Location: 400-D-195

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	Total Metals				Charge Number
250807085OY	3	A	✓						XGMD
0851Y	1	A		✓					"
1000Y	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 Zeno	8/7/25/1120hrs.		Jon W Jund	8-11-25 / 0800

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

Al Montes & 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 #1539. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy GI

Sample	Analysis	Preservative	Container	Lot	Lab
250806095Sy	VOA by 8260LL	ice/HCL	(3) 40ml vials	2797	ALS

Initial Parameters
Time - 250806 1025 y
PH - 8.07
Temp - 23.6°C
Cond - 826us/cm
Turb - 0.60 NTU's
pH pre - 7.01 / 10.02 (25.8°C)
pH post - 7.02 / 10.01
DTW - 206.48 ft.
Atmos - 12.44 psia

Final
Time - 250806 1331 y
PH - 8.15
Temp - 24.3°C
Cond - 812us/cm
Turb - 0.51 NTU's
pH pre - 6.97 / 9.99 (30.7°C)
pH post - 6.98 / 9.96
DTW - 206.54 ft.
Atmos - 12.43 psia
IDW - ½ gal.

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU
" rdg - 50.8 NTU
" Lot - A5022
" Exp - 8/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250806 1050Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2797	ALS
—— 1051Y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRL
—— 1330Y	Total Metals	ice/HNO3	(2) 125ml polys	031725-2AES	ALS

Runs 1) 45.45 2) 45.43 3) 45.39
61.33 61.10 61.27
61.29 61.06 61.22
45.48 45.42 45.36

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/6/25

Signature

8-7-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/6/25 Page 1 of 1

Sample Location: 400-D-275

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	607	Total Metals				Charge Number
250806095Sy (EB)	3	A	✓						XGMD
1050y	3	A	✓						"
1051y	1	A		✓					"
1330y	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 Dilliard	8/6/25 / 1500hrs.		[signature]	8-7-25 / 0800

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

WSTF 381C (05/2016)

Al Montas & Craig Del Ferraro present., Weather is clear & hot. This zone will be sampled using 5 steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe#1539. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks- Carboy G1

Sample	Analysis	Preservative	Container	Lot	Lab
250805 1350y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS

Initial Parameters
Time - 250805 1410y
PH - 8.24
Temp - 25.4°C
Cond - 873 us/cm
Turb - 0.95 NTU's
pH pre - 6.97/9.95 (31.7°C)
pH post - 6.98/9.95
DTW - 206.40 ft.
Atmos - 12.40 psia

Final
Time - 250806 0916y
PH - 8.17
Temp - 24.6°C
Cond - 886 us/cm
Turb - 1.03 NTU's
pH pre - 7.05/10.03 (22.9°C)
pH post - 7.05/10.02
DTW - 206.48 ft.
Atmos - 12.43 psia
IDW - 1/2 gal.

Meter ID
PH/Cond - 18
Turb - 7
" Std - 50.1 NTU's
" rdg - 51.0 NTU
" Lot - A5022
" Exp - 8/31/25

Buffers	Lot	Exp
7	CC810372	9/
10	CC806765	7/

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250805 1430y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 1431y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
250806 0845y	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	ALS
——— 0846y	" (Dupl.)	"	"	"	"
——— 0847y	Alk/Anions	ice	"	021025-2ERD	"
——— 0848y	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
——— 0849y	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
——— 0915y	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	021725-4ELR	"

Runs 1) 80.47, 96.31, 96.29, 80.50
2) 80.43, 96.00, 95.95, 80.43
3) 80.42, 96.24, 96.19, 80.39
4) 80.36, 96.02, 95.95, 80.36

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/6/25

Ron W Saunders 8-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/5/25 Page 1 of 2

Sample Location: 400-D-355

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	607						Charge Number
250805 1350Y (EB)	3	A	✓							XAMD
1430Y	3	A	✓							"
1431Y	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 Fiondo	8/5/25/1500hrs.		[signature]	8-6-25 /0810

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/6/25 Page 2 of 2

Sample Location: 400-D-355

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Total Metals	Anions / Alk	TDS	Perchlorate	NO2 / NO3			Charge Number
250806 0845y	2	A	✓							XGMD
0846y (Dup.)	2	A	✓							"
0847y	2	A		✓						"
0848y	1	A			✓					"
0849y	1	A				✓				"
0915y	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 Zeno	8/6/25 / 1110 hrs.		[signature]	8-7-25 / 0800

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

MATT GARCIA & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. WE GOT TO THE WELL @ 0930 DUE TO AN EMPTY DEWAR & WE HAD TO GET THAT FIGURED OUT, NOT BEING ABLE TO ACCESS NASA 3 DUE TO AN OPERATION THAT WAS GOING TO BE HAPPENING IN 300, FINALLY GOT ALL THE STUFF TO GET THIS WELL DONE. THIS WELL WILL BE SAMPLED & PURGED USING A DEDICATED TEFLON BLADDER PUMP. TASK MEMO STATES 2 DIFFERENT PURGE VOLUMES & NEEDS TO BE QA'd BETTER TO NOT CAUSE CONFUSION. WE ARE GOING WITH THE 0.5 GALLONS NOT THE 2 GALLONS. WILL CONTACT CRAIG DELFERRARO & MAKE FLOW FOR CLARIFICATION. PARAMETERS WILL BE COLLECTED WITH A INSITU AQUATROLL 500 & READ WITH A NOTE BOOK COMPUTER. THE TASK MEMO NEEDS TO BE FIXED DUE TO CONTRADICTING INFORMATION

DTW = 137.10 0.5 gals purged
BATTERY 13%

Calibrations

DO SENSOR Cal'd in 100% SATURATION
COND SENSOR Cal'd in 14.13 ms/cm STANDARD
pH SENSOR Cal'd in 4, 7 & 10 BUFFER
TURB SENSOR NOT WORKING
TURB METER # 6 STD 4.94 Rdg 5.02 LOT# A5022 Exp. 8/27

Param's

SAMPLE#	TEMP	COND	PH	ORP	DO	TURB
250811 1025 IB	23.58	1,405	7.411	35.8	~~3.99~~ 4.46	2.53
1026 IB	23.85	1,412	7.401	36.4	4.58	2.48
1027 IB	24.01	1410	7.397	36.1	4.60	2.63

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONT	LOT#	CAS
250811 1030 IB	8260 *	ICE/HCl	(3) 40 mL VOAs	2801	N/S
1031 IB	" (FR)	"	"	"	"
1032 IB	6007	ICE	(1) 1 LT AMBER	01199015	SAP
1033 IB	TOTAL METALS	ICE/HNO3	(2) 125 ml poly	09752425	ALS

* NOTE COULDN'T GET COMPUTER TO CONNECT SO USED BLUETOOTH

Continued from page

Read and Understood By

T. Dz Signed 8-11-25 Date

Peter W Mundz Signed 8-12-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-11-25 Page _____ of _____

Sample Location: 400·EJ·131

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	TOTAL METALS					Charge Number
										KGMD
250811 1030B			X							
250811 1031B			X							
1032B				X						
1033B					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:
J. [illegible]	8·11-25/1100		[illegible]	8-12-25 /0815

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

AL MONTES & ROB BURRUS PRESENT. WEATHER IS HOT & CLOUDY. THIS WELL WILL BE SAMPLED USING A DEDICATED BLADDER PUMP. SAMPLES WILL BE COLLECTED FROM A TEFLON DISCHARGE TUBE. CARBOY G-1

PARAMETERS	FINAL PARAMS	METER ID	BUFFERS	EXP
TIME : 250818 1329A	250818 1430A	PH/COND : 18	7 - cc 810372	9-24-2
PH : 7.85	7.75	TURB MTR : 7	10 - cc 806765	9-24-2
TEMP : 23.7 °C	23.9 °C	" STD : 50.1 NTU		
COND : 1536 us/cm	1529 us/cm	" RDG : 48.9 NTU		
TURB : 1.00 NTU	1.04 NTU	" LOT# : A5022	1DW - 1gal	
PH PRE : 7.04-10.01 (23.5C)	7.05 - 10.01 (24.5C)	" EXP : 8.31	DTW - 125.53	
PH POST : 7.04 - 10.02	7.05 - 10.03			

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
250818 1400A	VOA 8260	ICE-HCL	3-40ML VIALS	2801	ALS
—— 1402A	VOA 8260 (FB)	"	" "	" "	"
—— 1410A	607 NDMA	ICE	1LT AMBER	0119901J	SCI
—— 1415A	607 NDMA (DUP)	ICE	" "	" "	"
—— 1420A	TOTAL METALS	ICE-HNO_3	2-125 ML PLY	0317252AED	ALS

Continued from page NA

Read and Understood By

Signed 8-18-25 Date

Signed 8-19-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8.18.25 Page 1 of 1

Sample Location: 400. GV.125

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	300.7	T. Metal					Charge Number
										XGMD
250818 1400A	3	A	X							
1402A (FB)	3	A	X							
1410A	1	A		X						
1415A DUP	1	A		X						
1420A					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:
	8.18.25 3pm			8-19-25 / 0830

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

AL MONTES & ROB BURROWS PRESENT. WEATHER IS HOT & PARTLY CLOUDY. THIS WELL WILL BE SAMPLED WITH A DEDICATED BLADDER PUMP. SAMPLES WILL BE TAKEN FROM TEFLON DISCHARGE TUBE. CARBOY G-1

ARAMETERS		FINAL		METER ID		BUFFERS	EXP
IME	:250819094	250819	1035A	PH/COND: 18		7-CC810372	9.24.25
H	: 7.52	7.54		TURB MTR: 7		10-CC806765	9.24.25
EMP	: 23.4 °C	23.1	°C	" STD: 50.1 NTU			
OND	: 2.46 MS/cm	2.50	MS/cm	" RDG: 48.3 NTU			
URB	: 2.65 NTU	2.23	NTU	" LOT#: A5022		DTW: 141.63	
H PRE	: 7.04-10.01 (24.4c)	7.04-10.03	(24.9c)	" EXP: 8.31		IDW: 1 gal	
H POST	: 7.03-10.02	7.05-10.03					

SAMPLES

AMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
250819 0955A	VOA 8260	ICE. HCL	3-40 mL VIALS	2801	ALS
0957A	VOA 8260 (FB)	ICE. HCL	" "	" "	" "
1004A	607	ICE	1 LT AMBER	01L9901S	SGL
1015A	TOTAL METALS	ICE. HNO_3	2-125mL Poly	081725.2AES	ALS
1025A	NO_2NO_3	ICE. H_2SO_4	125mL Poly	102725.2EVR	"

Continued from page N A

Read and Understood By

8-19-25 Ron Munck 8-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8·19·25 Page 1 of 1

Sample Location: 400. JV. 150

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	607	T. METALS	NO2 NO3				Charge Number
										XGMD
250819095SA	3	A	x							
0957A (FB)	3	A	x							
1004A	1	A		x						
1015A	2	A			x					
1025A	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:
	8·19·25 10:56AM			8-20-25 /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 PF. 1

Parameters		Meter ID		Buffers	lot	Exp
Time	- 250818 1258	pH/Cond -	Plume Front	7	CC810372	9/26
pH	- 8.27	Turb -	"	10	CC806765	7/26
Temp	- 25.0°C	" STD -	9.72 NTU			
Cond	- 1020 µS/cm	" BOG -	9.49 NTU			
Turb	- 0.30 NTU	" ZOT -	NA			
pHpre	- 7.06/9.90 (25.3°C)	" EXP -	8/31/25			
pHpost	- 7.04/9.93					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	Lab
250818 1259	VOA by 8260LL	HCl/Ice	(3) 40 ml vials	2801	ALS
—— 1300	" (Dup)	"	"	"	"
—— 1301	" (FB)	"	"	"	"
—— 1302	607/Bromacil	Ice	(1) 1L Amber	01194015	SRI
—— 1303	Low Level NDMA	"	"	"	"
—— 1304	" (FB)	"	"	"	"

Continued from page

Read and Understood By

MS at 8/18/25 Signed Date

Pam Mundt 8-18-25 Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/18/25 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
250818 1259	3	A		X MA	X					XGMD
1300 (DUP)	3			X MA	X					
1301 (FB)	3			X MA	X					
1302	1					X				
1303	1						X			
1304 (FB)	1						X			

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	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]	8/18/25 @ 1300	[signature]	8-19-25 / 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 PF-1

Parameters

Time - 250818 1310
PH - 7.42
Temp - 25.4°C
Cond - 1000 µS/cm
Turb - 0.38 NTU
PHpre - 7.07 / 9.92 (24.7°C)
PHpost - 7.05 / 9.94

Meter ID

PH/Cond - Plume Front
Turb . :
: STD - 9.72 NTU
: BOG - 9.49 NTU
: 20T - NA
: EXP - 8/31/25

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
250818 1311	VOA b 8260	HCl/Ice	(3) 40ml vials	2801	ALS
—— 1312	: (FB)	:	:	:	:
—— 1313	607/Bromacil	Ice	(1) 1L Amber	0114901	512I

Continued from page

Read and Understood By

MJA — 8/18/25 — Signed / Date

Jeri Munck — 8-18-25 — Signed / Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/18/25 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/DMN/1,4 Dioxane BROMACIL LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
2508181311	3	A	X						XGMD
1312 (FB)	3	I	X						
1313	1	I			X				

Sample Location:

Pertinent Notes (if any)

Sample Number	# 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:
MACH	8/18/25 @ 1500	[signature]	8-19-25 / 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 PF.1

Parameters		Meter ID		Buffers	lot	
Time	250819 1250	pH/Cond	Plume Front	7	CC810372	9/26
pH	8.47	Turb	=	10	CC806765	7/26
Temp	27.8°C	= STD	9.72 NTU			
Cond	1061 µS/cm	= RDG	9.76 NTU			
Turb	0.53 NTU	= LOT	NA			
pH pre	7.02 / 9.97 (23.5°C)	= EXP	8/31/25			
pH post	7.03 / 9.98					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	Lab
250819 1251	VOA by 8260 LL	HCl / Ice	(3) 40 mL vials	2801	ALS
—— 1252	= (FB)	=	=	=	=
—— 1253	607 / Bromacil	Ice	(1) 1L Amber	01149015	SRI
—— 1254	Low Level NDMA	=	=	=	=
—— 1255	= (FB)	=	=	=	=

Continued from page

Read and Understood By

8/19/25 Date

Signed

8-20-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/19/25 Page 1 of 1

Sample Location: 3655 . Eff . 2

Sample Number	# of Containers	Sample Matrix*	VOA 8260	LL-VOA 8260LL	NDMA/DMN/BROMACIL 607	LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C
250819 1251	3	A		X					
1252 (FB)	3			X					
1253	1				X				
1254	1					X			
1255 (FB)	1					X			

Pertinent Notes (if any)

Charge Number: XGMD

Sample Location:

Sample Number	# of Containers	Sample Matrix*	PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 8270 1,4 DIOXANE				

Pertinent Notes (if any)

Charge Number: XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
MAA	8/19/25 @ 1400	[signature]	8-20-25 / 0820

* 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 PF-1

Parameters		Meter ID		Buffers	lot	Exp
Time	- 250819 1305	PH/Cond -	Plume Front	7	CC810372	9/26
pH	- 7.19	Turb -	=	10	CC806765	7/26
Temp	- 25.5°C	= STD -	9.72 NTU			
Cond	- 495.1 ms/cm	= RSG -	9.76 NTU			
Turb	- 0.39 NTU	= LOT -	NA			
pHpre	- 7.04 / 9.98 (23.9°C)	= EXP -	8/31/25			
pHpost	- 7.02 / 9.99					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
250819 1306	VOA by 8260	HCl / Ice	(3) 40 mL vials	2801	ALS
— 1307	= (FB)	=	=	=	=
— 1308	607 / Bromacil	Ice	(1) 1L Amber	0119401J	SRL

Continued from page

Read and Understood By

Signed — 8/19/25 Date

Signed — 8-20-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/19/25 Page 1 of 1

Sample Location: B655 ; Inf . 2

Sample Number	# of Containers	Sample Matrix*	VOA 8260	LL-VOA 8260LL	NDMA/DMN/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
250819 1306	3	A	X						XGMD
1307 (FB)	3	"	X						"
1308	1	"			X				"

Pertinent Notes (if any)

Sample Location:

Sample Number	# of Containers	Sample Matrix*	PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 8270 1,4 DIOXANE					Charge Number
										XGMD

Pertinent Notes (if any)

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	8/19/25 @ 1400	[signature]	8-20-25 / 0820

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

Tony Torrez & Dan Halvorsen present. Weather is Clear and Warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new Teflon discharge hose. Water quality parameters will be monitored using an In-Situ Aqua Troll 500. Carboy G1 in use. This will be a modified sampling Event.

Calibrations:

Initial DTW = 338.71
Final " = 338.73
FDW = 1/2 gal

Do Sensor = In 100% saturated air.
pH Sensor = Using 4, 7, 10 Buffers
Conductivity = Using a 1413 us/cm STD.
Turbidity = Using a 10 Nth STD.

Parameters (Time)	Temp	Cond	DO	pH	ORP	Turb
250804 0945 A	23.8	1504	—	8.16	—	0.48
—— 0947 A	23.7	1501	—	8.13	—	0.51
—— 0949 A	23.7	1504	—	8.12	—	0.46

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	LAB
250804 0955 A	VOA by 8260	Ice/HCl	(3) 40 ml Vial	2797	ALS
—— 0956 A	" " (Dup)	"	"	"	"
—— 0957 A	" " (FB)	"	"	"	"
—— 0958 A	NDMA/DMN Bromacil by 607	Ice	(1) 1L Amber	119901	SRI

NOTE: In-Situ would not give any Readings.

Continued from page

Read and Understood By

Signed — Date 8-4-2025 — Signed — Date 8-5-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-4-25 Page 1 of 1

Sample Location: B/M-21-400

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	60						Charge Number
										XGMD
250804 0955A			X							
0956A			X							
0957A			X							
0958A				X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	8-4-2025 1030			8-5-25 0810

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

WSTF 381C (05/2016)

Tony Torrez & Dan Halvorsen present. Weather is clear and hot. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new Teflon discharge hose. Water quality parameters will be monitored using an In-Situ Aqua Troll 500. Car Dog #1 in use.

Calibrations:
DO Sensor: In 100% saturated air.
pH Sensor: Using 4, 7, 10 Buffers
Conductivity: Using a 1413 µs/cm STD.
Turbidity: Using a 10 ntu STD.

Initial DTW = 331.76 ft.
Final " = 331.92
IDW = 3 gal.

Parameters (Time)	Temp	Cond	DO	pH	ORP	Turb
250807 0908 A	21.81	1289	2.14	7.60	-45	17.3
—— 0930 A	21.80	1283	2.19	7.56	-43	10.7
—— 0945 A	21.80	1286	2.15	7.61	-44	5.28

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
250807 1000 A	VOA by 8260	Ice/HCl	(3) 40 ml Vial	2797	ALS
—— 1001 A	" " (FB)	"	"	"	"
—— 1002 A	NDMA/DMN Bromacil by 607	Ice	(1) 1L Amber	1A901	SRL
—— 1003 A	Total Metals	Ice/HNO3	(2) 125 ml Poly	1021242	ALS

Blind Controls

Sample #	Analysis	Preserve	Container	Lot	Lab
250807 1030 A	VOA by 8260	Ice/HCl	(3) 40 ml Vial	256D05 A	ALS
—— 1031 A	NDMA/DMN Bromacil by 607	Ice	(1) 1L Amber	" B	SRL
—— 1032 A	Total Metals	Ice/HNO3	(2) 125 ml Poly	" C	ALS

NOTE: at 0908 turbidity was 17.3. At 0930 / 10.7.

Continued from page

Read and Understood By

Signed 8-7-2025 Date

Signed Date 8-7-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-7-2025 Page _____ of _____

Sample Location: BLM-23-431

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: U02	U07	Metals					Charge Number
										XGMD
250807 1000A	3	A	X							
1001A FB	3		X							
1030A BC	3		X							
1002A	1			X						
1031A BC	1			X						
1003A	2				X					
1032A BC	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:
	8-7-2025 1100			8-11-25 0800

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

WSTF 381C (05/2016)

Robert Burrows & Dan Halvorsen present. Weather is partly cloudy and warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new Teflon discharge hose. Water quality parameters will be monitored using an In-Situ Aqua Troll 500. Carboy G1 in use.

Initial DTW: 339.63 ft.
Final " = 340.21
IDW = 3gal.

Calibrations:
DO Sensor = In 100% saturated air.
pH Sensor = Using 4, 7, 10 Buffers.
Conductivity = Using a 1413 us/cm STD.
Turbidity = Using a 10 Ntu STD.

Parameters (Time)	Temp	Cond	DO	pH	ORP	Turb
250801 0918A	21.26	748	22.9	7.93	1.80	0.59
—— 0920A	21.27	764	22.8	7.92	1.79	0.62
—— 0922A	21.27	765	22.8	7.89	1.79	0.60

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
250801 0930A	VOA by 8260	Ice/HCl	(3) 40 ml Vial	2797	ALS
—— 0931A	" " (FB)	"	"	"	"
—— 0932A	NDMA/DMN Bromacil by 607	Ice	(1) 1L Amber	119901	SRL
—— 0933A	NDMA LL	"	"	"	"
—— 0934A	" " (FB)	"	"	"	"
—— 0935A	GRO	Ice/HCl	(3) 40ml Vial	2797	ALS
—— 0936A	SVOA by 8270D	Ice	(2) 500 ml Amber	N/A	"
—— 0937A	Total metals	Ice/HNO3	(2) 125 ml Poly	"	"
—— 0938A	" " (FB)	"	"	"	"
—— 0939A	DRO	Ice	(1) 500ml Amber	"	"

Continued from page

Read and Understood By

Signed

8-1-2025
Date

Signed

8-1-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-1-2025 Page _____ of _____

Sample Location: BLM.25.455

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	VOA	607	VOA 4L	GRO	SVOA			XGMD Charge Number
250801 0930 A		3	A	X							
0931 A	(FB)	3		X							
0932 A		1			X						
0933 A		1				X					
0934 A	(FB)	1				X					
0935 A		3					X				
0936 A		2						X			

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Total Metals	DRO						XGMD Charge Number
250801 0937 A		2	A	X							
0938 A	(FB)	2		X	X						
0939 A		1			X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	8-1-2025 1030			8-4-25 / 0810

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

WSTF 381C (05/2016)

PROJECT Blm.32-543 ENV. 0110

Notebook No. D32#137(B)69

Continued from page

MATT Garcia & Tony Torres present. THE WEATHER IS CLEAR & WARM. This WELL will be purged using A FLUTE SAMPLING SYSTEM. Purge PRESSURE ~~[illegible]~~ 28lpsi Sample pressure SET @ 25.2psi. Bubbles SET @ 3psi & STABLE @ 2.5psi. 4gallons purged prior TO SAMPLING, First 3.5oml's of SAMPLE discarded.

PRE PARAMETERS		SAMPLE PARAM's	METER ID's
250812/1210B		250812/1225B	pH/cond #
pH	8.75	8.83	Turb #
Temp	29.8°c	28.9	" std 4.94
Cond	1049	1000	" ndg 4.78
Turb	0.89	1.06	" LOT # 502
phpre	7.01/10.03 (31.0°c)	7.01/10.01 (32.8°c)	" Exp 8/31
phpost	7.01/10.01	7.02/10.01	

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
250812/1255B	8270	ICE/HCl	(3) 40mL VIALS	ALS
1256B	" (F.S)	"	"	"
1257B	LGNDMA	ICE	(1) 1L Tamber	SRL
1258B	" CAB	"	"	"

Tim Kowdy & A(monTES showed up @ 1250 for Pfas Sampling prior To our SAMPLES BEING TAKEN

Continued from page

Read and Understood By

T. D. 8.12.25 Dan W. 8-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8.12-25 Page 1 of 1

Sample Location: BIM-32-543

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
			8260	4 DNP						X6mJ
250812 1255	3	A	X							
— 1256 (FB)	3	|	X							
— 1257	1	|		X						
— 1258 (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:
TJ	8.12.25/1400			8-13-25 / 0810

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

MATT GARCIA + TONY TOPER PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED W. TH A FLUTE SYSTEM. PURGE PRESSURE 28 psi & SAMPLE PRESSURE 25 psi. BUBBLER SET @ 3 psi & STABLE @ 7.5 psi. A MIN OF 4 GALLONS WILL BE PURGED. THE FIRST 350 mls OF SAMPLE WILL BE DISCARDED.

PRE PARAM's	SAMPLE PARAM's
250812 1212 B	250812 1227 B
pH 8.85	8.80
Temp 28.4°C	27.1
COND 1003	980
TURB 0.78	0.89
pH PRE 7.00/10.00 (31.8)	7.00/10.01 (32.8)
pH POST 7.00/10.00	7.00/10.00

METER ID's
pH/COND
TURB 6
" STD 4.44
" poly 4.78
" LOT# 50212
" EXP 8/31

SAMPLES

SAMPLE #	ANALYSIS	CONT	PRESERV	CAT
250812 1320 B	8260	(3) 40 ml VOAs	ICE/HCl	A LS
1321 B	" (CFB)	"	"	"
1322 B	6007	(1) LT AMBER	ICE	SRT
1323 B	" (MS)	"	"	"
1324 B	CONDUCT	"	"	"
1326 B	SVOA	(2) 500 ml AMBER	"	A LS
1328 B	TOTAL METALS	(2) 125 ml poly	ICE/HNO3	"
1348 B	ANIONS/ALK	"	ICE	"
1349 B	TDS	(1) 250 ml poly	"	"
1350 B	PERCHLORATE	(1) 125 ml poly	"	"
1351 B	NO2 NO3	"	ICE/H2SO4	"
1325 B	CLNOMACFB	(1) LT AMBER	ICE	SRT

Continued from page

Read and Understood By

T. T 8-12-25 Tom Mumbe 8-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-12-25 Page 1 of 4

Sample Location: BIm-82-571

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	300	Anions	SW846				Charge Number
										XGMD
250812 1320B			X							
1321B (FB)			X							
1322B				X						
1323B (MS)				X						
1324B					X					
1325B (FB)					X					
1326B						X				

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	Total Metals	Anions	TDS	Perc	Nox/NO3			Charge Number
										XGMD
1327B			X							
1348B				X						
1349B					X					
135013						X				
1351B							X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. [illegible]	8.12.25 / 1410		[illegible]	8-13-25 / 0810

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

WSTF 381C (05/2016)

MATT GARCIA & TONY TORRES PRESENT. THE WEATHER IS HAZY & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SAMPLING SYSTEM. PURGE PRESSURE SET @ 28 1 & SAMPLE PRESSURE SET @ 25 2 PSI. A MIN OF 4 GALLONS PURGED. BUBBLER SET @ 3 PSI & STABLE @ 7.5 PSI. THE FIRST 3 SOMIS WILL BE DISCARDED PRIOR TO SAMPLING

	PRE PARAM'S	SAMPLE PARAMS
	250813 1110 B	250813 1125 B
pH	8.90	8.85
TEMP	26.4	26.9's
COND	984 µS/cm	990 µS/cm
TURB	0.99	1.21
phpre	7.00/10.01 (26.8)	7.00/10.00
phpost	7.00/10.01	7.00/10.01

METER ID'S
pH/cond 52
TURB 6
" STD 4.99
" Rdg 4.75
" LOT# 5022
" EXP 8/31

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
250813 1130B	8260	ICE + HCl	(3) 40ml VIALS	ALS
" 1131B	" (FB)	"	"	"
" 1132B	607	ICE	(1) 1LT AMBER	SRL
" 1133B	UNDMA	"	"	"
" 1134B	" (FB)	"	"	"
" 1135B	8270	"	(2) ~~500~~ 250ml poly	ALS
" 1150B	TOTAL METALS	ICE / HNO3	(2) 125ml poly	"
" 1151B	ALKALINITY/ALK	ICE	"	"
" 1152B	TDS	"	(1) 250ml poly	"
" 1153B	PERCHLORATE	"	(1) 125ml poly	"
" 1154B	NO2/NO3	ICE / H2SO4	"	"

*NOTE MIKE FIORA BLESSED US WITH HIS PRESENCE @ 1130

Continued from page

Read and Understood By

T. [illegible] Signed 8.13.25 Date

Tom Wunderlich Signed 8-14-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-13-25 Page _____ of _____

Sample Location: Blm-32-632

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	607	Lvnm4	8270	total metals			Charge Number
										X6m9
250813 1130B	3	A	X							
1131B	3		X							
1132B	1			X						
1133B	1				X					
1134B	1				X					
1135B	1					X				
1150B	2	↓					X			

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Anions 4	TDS	percent water	8270				Charge Number
1151B	2	A	X							
1152B	1			X						
1153B	1				X					
1154B	1	↓				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T.	8-13-25 / 1230			8-14-25 / 0845

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

WSTF 381C (05/2016)

Masters, 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 ~~PF-1~~ G2

Parameters		Meter ID	Buffers	lot	Exp
Time	- 2508190825	PH/Cond - Plume Front (92)	7	CC816372	9/26
PH	- 7.89	Turb - #6	10	CC806765	7/26
Temp	- 24.2°C	= STD - 4.94 NTU's			
Cond	- 1284 us/cm	= DOG - 5.02 NTU's			
Turb	- 0.55 NTU's	= LOT - A5022			
PH pre	- 7.03/10.05 (18.6°C)	= EXP - 8/31/25			
PH post	- 7.04/10.05				

SAMPLES

Sample #	Analysis	Preserve	Container	lot	qty
250819 0830	VOA by 8260	HCl/Ice	(3) 40ml vials	2801	AS
——— 0831	= (FB)	=	=	=	=
——— 0832	607/Bromacil	Ice	(1) 1L Amber	0119015	SIZI

* Tony Torrez & Craig Del Ferraro completed this sampling event.

* Dan Halvorsen & Tim Kondy also present to collect PFAS samples.

Continued from page N/A

Read and Understood By

Craig Del Ferro 8/19/25 Dan W Kondy 8-19-25

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/19/25 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/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
250819 0830	3	A	✓						XGMD 4
0831 (FB)	3	A	✓						4
0832	1	A			✓				4

Sample Location:

Pertinent Notes (if any)

Sample Number	# 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:
Craig DelTorro	8/19/25 1015hrs.		[signature]	8-20-25 0820

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

Marcus Avalos & Frank Gallegos present. Weather is clear & warm. Parameters & samples will be collected from a dedicated sample port that will be flushed for at least one minute prior to collection. Carboy · PFA

Parameters		Meter ID	Buffers	lot	Exp
Time	- 250820 0858	pH/Cond · Plume Front	7	cc810372	9/26
pH	- 7.10	Turb - =	10	cc806765	7/26
Temp	- 24.5°C	= STD - 9.72 NTU			
Cond	- 1138 µS/cm	= ROG - 9.70 NTU			
Turb	- 0.63 NTU	= LOT - NA			
pH pre	- 7.04 / 9.99 (24.5°)	= EXP - 8/31/25			
pH post	- 7.02 / 9.98				

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
250820 0900	VOA by 8260	HCl/Ice	(3) 40mL vials	2801	ALS
—— 0901	= (FB)	=	=	=	=
—— 0902	607/Bromacil	Ice	(1) 1L Amber	0119901J	SRI

Continued from page

Read and Understood By

MA Signed 8/20/25 Date

Pete Mundo Signed 8-20-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/20/25 Page 1 of 1

Sample Location: MPE-3.

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
2508200900	3	A	X						XGMD
0901 (FB)	3		X						
0902	1				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 1,4 DIOXANE 8270	Charge Number

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	8/20/25 @ 0930	[signature]	8-20-25 | 0930

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

Marcus Anglos & Frank Gallegos present. Weather is clear & warm. Parameters, & samples will be collected from a dedicated sample port that will be flushed for at least one minute prior to collection. Carboy PF1.

Parameters	
Time	- 2508200820
PH	- 7.30
Temp	- 23.1°C
Cond	- 1123 uS/cm
Turb	- 0.34 NTU
Hpre	- 7.06 / 10.00 (24.1°C)
Hpost	- 7.04 / 10.00

Meter ID	
PH/Cond -	Plume Front
Turb -	=
= STD -	9.72 NTU
= CCG -	9.70 NTU
= LOT -	N/A
= EXP -	8/31/25

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2508200821	VOA by 8260	HCl/Ice	(3) 40 ml vials	2801	ALS
— 0822	= (FB)	=	=	=	=
— 0823	607/Bromacil	Ice	(1) 1L Amber	0119901J	SRI

Continued from page

Read and Understood By

MDG — Signed — 8/20/25 — Date

Ken Wenk — Signed — 8-20-25 — Date

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/20/25 Page 1 of 1

Sample Location: MPE-4.

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
250820082 1	3	A	X						XGMD
0822 (FB)	3	1	X						
0823	1	1			X				

Sample Location:

Pertinent Notes (if any)

Sample Number	# 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:
[signature]	8/20/25 @ 0930	[signature]	8-20-25 / 0930

* 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 for at least one minute prior to collection. Carboy ~~PF1~~ CO G2

Parameters		Meter ID	Buffers	lot	EXP
Time	-2508190840	pH/Cond - Plume Front (92)	7	CC810372	9/26
pH	- 7.29	Turb - 6	10	CC806765	7/26
Temp	- 23.0°C	= STD - 4.94 NTU's			
Cond	- 1233 us/cm	= DUP - 5.02 NTU's			
Turb	- 1.12 NTU's	= LOT - A5022			
pH pre	- 7.02/10.03 (20.1°C)	= EXP - 8/31/25			
pH post	- 7.03/10.04				

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2508190841	VOA by 8260	HCl/Ice	(3)/40ml/vials	2801	A/S
——0842	= (FB)	=	=	=	=
——0843	607/Bromacil	Ice	(1)/L Amber	0449013	SRI
——0844	= (Dup)	=	=	=	=

* Tony Torrez & Craig Del Ferraro completed this sampling event.

* Dan Halvorsen & Tim Kondy also present to collect PFAS samples.

Continued from page

Read and Understood By

Craig Del Ferraro 8/19/25
Signed Date

Signed 8-19-25
Date

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/19/25 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/DMN/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
2508190841	3	A	✓						XGMD u
0842 (FB)	3	A	✓						u
0843	1	A			✓				u
0844 (Dup.)	1	A			✓				u

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:
Craig Del Fenno	8/19/25/1015hrs.	[signature]	8-20-25/0820

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

Marcos 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 ~~P.F.T.~~ CO G2.

Parameters	
Time	- 2508190910
pH	- 7.65
Temp	- 19.8°C
Cond	- 1195 us/cm
Turb	- 0.61 NTU's
pH pre	- 7.01 / 10.03 (25.9°C)
pH post	- 6.99 / 10.03

Meter ID
pH/Cond - Plume Front (92)
Turb - 6
- STD - 4.94 NTU's
- 20% - 5.02 NTU's
- LOT - A5022
- EXP - 8/31/25

Buffers	lot	Exp
7	CC810372	9/26
10	CC805765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
508190911	VOA by 8260	HCl / Ice	(3) 40 ml vials	2861	ALS
—— 0912	= (Dup)	=	=	=	=
—— 0913	= (FB)	=	=	=	=
—— 0914	607 / Bromacil	ice	(1) 1L Amber	01149015	SRI

* Tony Torrez & Craig Del Fervaro completed this sampling event.
* Dan Halvorsen & Tim Kondy also present to collect PFAS samples.

Continued from page

Read and Understood By

Craig Del Fervaro — Signed — 8/19/25 — Date

Signed — 8-19-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/19/25 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/DMN/BROMACIL 607 Low Level NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
250819 0911	3	A		✓						XGMD
0912 (Dup.)	3	A		✓						"
0913 (FB)	3	A		✓						"
0914	1	A				✓				"

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	Analytical Requirement: 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:
Craig DelTorro	8/19/25/1015hrs.		[signature]	8-20-25/0820

* 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 ~~PF-1~~ 40 G2.

Parameters		Meter ID	Buffers	lot	EXP
Time	- 2508190935	PH/Cond - Plume Front (92)	7	CC810372	9/26
PH	- 7.49	Turb - 6	10	CC806765	7/26
Temp	- 24.8°C	= 50 - 4.94 NTU's			
Cond	- 1013 us/cm	= PDG - 5.02 NTU's			
Turb	- 2.32 NTU's	= LOT - A5022			
PH pre	- 6.98/10.01 (26.9°C)	= EXP - 8/31/25			
PH post	- 6.99/10.03				

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
250819 0936	VOA by 8260	HCl/Ice	(3) 40ml vials	2801	ALS
—— 0937	= (FB)	=	=	=	=
—— 0938	607/Bromacil	Ice	(1) 1L Amber	01199401J	SRI

* Tony Torrez & Craig Del Ferraro completed this sampling event.

Continued from page

Read and Understood By

Craig Del Ferro 8/19/25 Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/19/25 Page 1 of 1

Sample Location: MPE-11

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
250819 0936	3	A	✓						XGMD u
0937 (FB)	3	A	✓						u
0938	1	A			✓				u

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:
Craig Del Fiemo	8/19/25/1015hrs.		8-20-25/0820

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

MATT GARCIA of TAYLOR PRESENT. THE WEATHER IS CLEAR & HOT. THIS WELL WILL BE PURGED & SAMPLED WITH A DEDICATED BLADDER PUMP. PARAMETERS WILL BE COLLECTED FROM A AQUATROLL 500 by INSITU. SAMPLES COLLECTED FROM A TEFLON TUBE.

CALIBRATIONS

DO SENSOR Cal'd IN 100% SATURATION
COND SENSOR Cal'd IN 14,3 kilo/cm STANDARD
pH SENSOR CAL'd IN 4, 7, 10 BUFFERS
TURB # 6 STD = 4.94. Rdg = 5.02 LOT# 50722 EXP: 8/31/25

PARAMS

SAMPLE#		pH	COND	DO	ORP	pH	TURB.	DTW
250811	1420B	7.514	880.6	3.30	15.6	7.519	1.16	125.2c
"	1428B	7.540	880.5	3.28	15.7	7.527	1.23	120.7c
"	1422B	7.541	880.	3.29	15.7	7.516c	1.10	120.7c

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	LOT#	CONT	Coll
250811 1430B	8260 (L	ICE/HCl	3801	(3) 40mL VOA's	AGS
" 1431B	" (F.B)	"	"	"	"
" 1432B	(607)	ICE	08/19/25 (1)	LT Amber	SMP
" 1433B	(LNDSM	"	"	"	"
" 1434B	TOTAL METALS	ICE/HNO3	05252(A572)	125 ml poly	AGS
" 1435B	" (Diss)	"	"	"	"
" 1436B	(LNOMA	ICE	"	(1) LT Amber.	
			~~METALS~~		

Continued from page

Read and Understood By

T. [illegible] 8.11.25 Date

Signed Pam Mundt 8-12-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-11-25 Page 1 of 1

Sample Location: Mesa 3			Analytical Requirement							
Pertinent Notes (if any)	# of Containers	Sample Matrix*	8270E	6070	LVOA	Tot. Mercury				X6mD
Sample Number										Charge Number
250811 1430B	3	A	X							
1431B (FB)	3		X							
1432B	1			X						
1433B	1				X					
1434B	2					X				
1435B (Dup)	2					X				
1436B (FB	1				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:
T. Z	8-11-25 / 1530			8-12-25 / 0815

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

WSTF 381C (05/2016)

Matt Garcia & Craig Del Ferraro present. Weather is clear & warm. This zone will be sampled using 5 steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe # 1539. Surface checks performed on probe prior to sampling.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
250801 0745y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0746y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

30 Min Equipment blanks - Carboy G3

Sample	Analysis	Preservative	Container	Lot	Lab
250801 0935y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0936y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 250801 1030y
PH - 7.80
Temp - 24.7°C
Cond - 1184us/cm
Turb - 2.60 NTU's
pH pre - 7.03/10.05 (24.0°C)
pH post - 7.04/10.03
DTW - 486.75ft.
Atmos - 12.56psia

Final
Time - 250801 1150y
PH - 7.69
Temp - 24.9°C
Cond - 1176us/cm
Turb - 1.91 NTU's
pH pre - 7.02/10.01 (28.4°C)
pH post - 7.03/10.01
DTW - 486.84ft.
Atmos - 12.56psia
IDW - 1/2 gal.

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU
" rdg - 50.8 NTU
" lot - A5022
" Exp - 8/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250801 1115y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
~~———~~	~~Low Level NDMA~~	~~ice~~	~~(1) 1L Amber~~	~~0119901J~~	~~SRI~~
* ——— 1116y	* a (M.S.) *	"	"	"	"
——— 1117y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Runs	1)	2)	3)
	48.87	48.85	48.80
	45.74	45.75	45.76
	45.76	45.75	45.72
	48.90	48.82	48.82

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/1/25 Pam Munch 8-1-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/1/25 Page 1 of 1

Sample Location: PL-7-560

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA	Charge Number
Pertinent Notes (if any)					
25080107455y (TB)	3	A	✓		XGMD
——— 0746y (TB)	1	A		✓	"
——— 0935y (EB)	3	A	✓		"
——— 0936y (EB)	1	A		✓	"
——— 1115y	3	A	✓		"
——— 1116y (MS)	3	A	✓		"
——— 1117y	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 Reltzend	8/1/25/1215hrs.	[signature]	8-4-25 / 0815

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

Robert Burrows & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using a teflon discharge hose. Water quality parameters will be monitored using an In-Situ Aqua Troll 500. Carboy G3 in use.

Calibrations
DO sensor - calibrated in 100% saturation.
Cond. Sensor - " using 1413 µs/cm std.
PH sensor - " " 4, 7, & 10 buffers.
Turb sensor - " " 20 NTU std.

Parameters (time)	temp (°c)	cond (µs/cm)	DO	ORP	PH	Turb (NTU's)	DTW (ft.)
1) 250815 1015A	20.86	1094	4.68	39.5	7.16	1.29	see trans. reading below
2) ——— 1018A	20.83	1101	4.50	40.8	7.16	1.06	
3) ——— 1021A	20.76	1103	4.37	42.0	7.18	1.02	

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250815 1025A	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
——— 1026A	" (Dupl.)	"	"	"	"
——— 1027A	" (FB)	"	"	"	"
——— 1028A	607/Bromacil	ice	(1) 1L Amber	011990 TJ	SR-I
——— 1029A	Low Level NDMA	"	"	"	"
——— 1030A	" (Dupl.)	"	"	"	"
——— 1031A	" (FB)	"	"	"	"
——— 1032A	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2MES	ALS
——— 1033A	Anions/Alk.	ice	"	021025-2ERD	"
——— 1034A	TDS by SM2540C	"	(1) 250ml poly	070824-2ERG	"
——— 1035A	Perchlorate by 6850	"	(1) 125ml poly	021025-2ERD	"
——— 1036A	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	102725-4ELR	"

*Initial packer pressure: 41 psi. / Final packer pressure: 41 psi.

Total gallons purged: 2

Transducer readings: P = 6.45 psia / T = 23.11°C / d = 14.93 ft. Continued from page N/A

Read and Understood By

Craig Del Ferro (Signed) 8/15/25 (Date)

Lori Munck (Signed) 8-19-25 (Date)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/15/25 Page 1 of 1

Sample Location: PL-12-570

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	LLNDMA					Charge Number
250815 1025A		3	A	✓							XGMD
1026A (Dupl.)		3	A	✓							"
1027A (FB)		3	A	✓							"
1028A		1	A		✓						"
1029A		1	A			✓					"
1030A (Dupl)		1	A			✓					"
1031A (FB)		1	A			✓					"

Sample Location: PL-12-570

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: Total Metals	Anions/Alk.	TDS	Perchlorate	NO3/NO3			Charge Number
250815 1032A		2	A	✓							XGMD
1033A		2	A		✓						"
1034A		1	A			✓					"
1035A		1	A				✓				"
1036A		1	A					✓			"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelZenno	8/15/25 / 1120 hrs.		[signature]	8-18-25 / 0820

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

WSTF 381C (05/2016)

A/ MONTES & ROB BURROWS PRESENT. WEATHER IS WARM & CLOUDY. THIS WELL WILL BE SAMPLED USING A DEDICATED BLADDER PUMP. SAMPLES WILL BE COLLECTED FROM A NEW TEFLON DISCHARGE TUBE. CARBOY G·1.

PARAMETERS	FINAL	METER ID	BUFFERS	EXP
TIME: 250818 1002A	250818 1040A	PH/COND: 92	7 · CC 810372	9.24.25
PH: 8.55	8.36	TURB MTR: 6	10 · CC 806765	7.24.25
TEMP: 22.7 °C	21.9 °C	" STD: 4.94 NTU		
COND: 1136 uS/cm	1135 uS/cm	" READ: 4.53		
TURB: 1.12 NTU	1.30 NTU	" EXP: 8/31	1DW - 2.5gal.	
PH PRE: 7.10 - 10.15 (26.6c)	7.11 - 10.14 (26.9c)	" LOT#: A5022		
PH POST: 7.11 - 10.13	7.10 - 10.12			

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
250818 1015A	VOA 8260	ICE HCl	3·40ML VIALS	2801	ALS
1016A	VOA 8260 (FB)	"	"	"	"
1020A	607	ICE	1 LT AMBER	01199015	SRC
1023A	LL NDMA	"	"	01199015	"
1024A	LL NDMA (FB)	"	"	"	"
1028A	TOTAL METALS	ICE·HNO3	2·125ML Poly	031725.2AES	ALS
1030A	ANIONS·ALK	ICE·0 HEAD	2·125ML Poly	021025.2ERD	"
1032A	TDS	ICE	250ML Poly	070824.2ERG	"
1034A	PERCHLORATE	ICE·2/3 FULL	125ML Poly	021025.2ERD	"
1036A	NO2 NO3	ICE·H2SO4	125ML Poly	122725.2ELA	"

* COMPUTER DID NOT CONNECT TO TRANSDUCER. TIM KENDY PRESENT AND COULD NOT CONNECT NEITHER.

Continued from page NA

Read and Understood By

8·18·25 Date

8-19-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8.18.25 Page 1 of 1

Sample Location: PL-12-800

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	607	LL 244A	T. METALS	A1-025 AJ			Charge Number
										XGMD
250818 1015A	3	A	x							
1016A (FB)	3		x							
1020A	1			x						
1023A	1				x					
1024A (FB)	1				x					
1028A	2					x				
1030A	2						x			

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	TDS	PERCHLORATE	202.1 N03					Charge Number
										XGMD
250818 1032A	1	A	X							
1034A	1	A		X						
1036A	1	A			X					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	8.18.25 11AM			8-19-25 / 0830

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

Robert Burrows & Craig Del Ferraro present. Weather is clear & warm. This zon will be sampled using 5 triple rinsed, stainless steel sample tubes. Gen. in use. Probe #1539. Surface checks performed on probe prior to sampling.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
250813073oy	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

30 Min. Equipment blanks - Carboy GI

Sample	Analysis	Preservative	Container	Lot	Lab
250813090oy	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0901y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 250813095oy
PH - 7.98
Temp - 24.4°c
Cond - 1126 us/cm
Turb - 1.86 NTU's
pHpre - 7.03/10.05 (22.2°c)
pHpost - 7.04/10.05
DTW - 490.67ft.
Atmos - 12.60psia

Final
Time - 250813135oy
PH - 7.89
Temp - 25.2°c
Cond - 1138 us/cm
Turb - 1.31 NTU's
pHpre - 6.97/9.95 (32.0°c)
pHpost - 6.95/9.94
DTW - 490.68ft.
Atmos - 12.62psia
IDW - 1/2 gal.

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU's
" rdg - 52.4 NTU's
" lot - A5022
" Exp - 8/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250813102oy	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 1021y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI
← ——— 1045y	*(MS)*	"	"	"	"
← ——— 1320y	*(MSD)*	"	"	"	"

Runs	1)	2)	3)	4)	5)
	13.68	13.64	13.60	13.60	13.56
	37.30	37.30	37.28	37.31	37.26
	37.32	37.27	37.31	37.34	37.30
	13.69	13.70	13.64	13.63	13.59

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/13/25

Peter W Munde 8-14-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/13/25 Page 1 of 1

Sample Location: ST-5-485

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LLNDMA						Charge Number
250813 0730Y (TB)	1	A		✓						XGMD
0900Y (EB)	3	A	✓							"
0901Y (EB)	1	A		✓						"
1020Y	3	A	✓							"
1021Y	1	A		✓						"
1045Y (MS)	1	A		✓						"
1320Y (MSD)	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 Deltzeno	8/13/25 / 1450hrs.		[signature]	8-14-25 / 0845

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

Robert Burrows & Craig Del Ferraro present. Weather is cloudy & warm. This zone will be sampled using 5' steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe # 1539. Surface check performed on probe prior to sampling.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
250811 0730Y	VOA by 8260LL	ice / HCL	(3) 40ml vials	2801	ALS
——— 0731Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

30 Min. Equipment blanks - Carboy GI

Sample	Analysis	Preservative	Container	Lot	Lab
250811 0840Y	VOA by 8260LL	ice / HCL	(3) 40ml vials	2801	ALS
——— 0841Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 250811 0930Y
PH - 8.22
Temp - 24.6°C
Cond - 1000us/cm
Turb - 0.76 NTU's
pHpre - 7.05 / 10.03 (21.4°C).
pHpost - 7.04 / 10.01
DTW - 490.33ft.
Atmos - 12.57psia

Final
Time - 250811 1100Y
PH - 8.24
Temp - 24.9°C
Cond - 1009 us/cm
Turb - 0.71 NTU's
pHpre - 7.02 / 10.00 (25.5°C)
pHpost - 7.02 / 10.01
DTW - 490.42ft.
Atmos - 12.59psia
IDW - ½ gal.

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU's
" rdg - 52.2 NTU
" lot - A5022
" Exp - 8/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250811 1030Y	VOA by 8260LL	ice / HCL	(3) 40ml vials	2801	ALS
——— 1031Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Runs	1)	2)	3)
	88.54	88.48	88.43
	110.91	110.88	110.91
	110.90	110.90	110.86
	88.56	88.45	88.45

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/11/25

Ron Munds 8-12-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/11/25 Page 1 of 1

Sample Location: ST-5-655

Analytical Requirement: 8260LL; LLNDMA

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260LL	LLNDMA						Charge Number
250811 0730Y (TB)	3	A	✓							XGMD
0731Y (TB)	1	A		✓						"
0840Y (EB)	3	A	✓							"
0841Y (EB)	1	A		✓						"
1030Y	3	A	✓							"
1031Y	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 Zuno	8/11/25 / 1125hrs.		[signature]	8-12-25 / 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, warm, and breezy. This zone will be sampled using 5 triple rinsed, stainless steel sample tubes. Gen. in use. Probe #1539. Surface checks performed on probe prior to sampling. IDW: 1/2 gal.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
250812075oy	VOA by 8260LL	ice/HCL	(3)40ml vials	2801	ALS

30 Min Equipment blanks - Carboy GI

Sample	Analysis	Preservative	Container	Lot	Lab
250812094sy	VOA by 8260LL	ice/HCL	(3)40ml vials	2801	ALS
——— 0946y	Low Level NDMA	ice	(1)1L Amber	011990IJ	SRI

Initial Parameters
Time - 250812102sy
pH - 8.21
Temp - 25.3°C
Cond - 999us/cm
Turb - 0.87 NTU's
pH pre - 7.02/9.99 (28.6°C)
pH post - 7.01/9.99
DTW - 490.56ft.
Atmos - 12.56psia

Final
Time - 250812143sy
pH - 8.13
Temp - 25.5°C
Cond - 984us/cm
Turb - 0.74 NTU's
pH pre - 6.94/9.92 (33.7°C)
pH post - 6.94/9.93
DTW - 490.67ft.
Atmos - 12.58psia

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU's
" rdg - 52.8 NTU's
" Lot - A5020
" Exp - 8/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250812132sy	VOA by 8260LL	ice/HCL	(3)40ml vials	2801	ALS
——— 1326y	607/Bromacil	ice	(1)1L Amber	011990IJ	SRI
——— 1400y	Low Level NDMA	"	"	"	"
——— 1401y	Total Metals	ice/HNO3	(2)125ml polys	031725-2AES	ALS
——— 1435y	Anions/Alk.	ice	"	021025-2ERD	"
——— 1436y	TDS by SM2540C	"	(1)250ml poly	010625-2ADD	"
——— 1437y	Perchlorate by 6850	"	(1)125ml poly	021025-2ERD	"
——— 1438y	NO2/NO3 by 353.2	ice/H2SO4	(1) "	021725-4ELR	"

Runs 1) 157.80 180.15 180.14 157.82 2) 157.77 180.13 180.10 157.74 3) 157.64 180.10 180.13 157.59 4) 157.58 180.09 180.09 157.60

Continued from page N/A

Read and Understood By

Craig Del Ferro 8/12/25

8-13-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/12/25 Page 1 of 1

Sample Location: ST-5-815

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260LL	607	LLNDMA	Total Metals				Charge Number
250812 0750Y (TB)	3	A	✓							XGMD
0945Y (EB)	3	A	✓							
0946Y (EB)	1	A			✓					
1325Y	3	A	✓							
1326Y	1	A		✓						
1400Y	1	A			✓					
1401Y	2	A				✓				

Sample Location: ST-5-815

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Anions/Alk.	TDS	Perchlorate	NO2/NO3				Charge Number
250812 1435Y	2	A	✓							XGMD
1436Y	1	A		✓						
1437Y	1	A			✓					
1438Y	1	A				✓				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fiume	8/12/25 / 1515 hrs.		Jon Wynn	8-13-25 / 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 zone will be sampled using 5 triple rinsed, stainless steel sample tubes. Gen. in use Probe #1539. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy GI

Sample	Analysis	Preservative	Container	Lot	Lab
250811/1300Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— /1301Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 250811/1410Y
PH - 8.29
Temp - 25.1°C
Cond - 1606 us/cm
Turb - 0.91 NTU's
pHpre - 6.97/9.98 (31.0°C)
pHpost - 6.98/9.96
DTW - 490.42ft.
Atmos - 12.54 psia

Final
Time - 250812/0900Y
PH - 8.33
Temp - 24.5°C
Cond - 1617 us/cm
Turb - 0.95 NTU's
pHpre - 7.04/10.05 (21.9°C)
pHpost - 7.03/10.04
DTW - 490.56ft.
Atmos - 12.56 psia
IDW - 1/2 gal.

Meter ID
pH/Cond - 18
Turb - 7
" Std - 50.1 NTU's
" rdg - 52.2 NTU's
" lot - A5022
" Exp - 8/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250811/1445Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— /1446Y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
250812/0830Y	Low Level NDMA	"	"	"	"
——— /0831Y	Total Metals	ice/HNO3	(2) 125ml poly's	031725-2AES	ALS

Runs	1)	2)	3)	4)
	232.18	232.11	232.04	231.97
	253.61	253.63	253.65	253.66
	253.60	253.63	253.66	253.69
	232.21	232.08	232.05	231.96

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/12/25 Signed

Ron Wunderlich 8-13-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/11/25 Page 1 of 2

Sample Location: ST-5-985

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	LLNDMA					Charge Number
Pertinent Notes (if any)										
250811 1300y (EB)	3	A	✓							XGMD
1301y (EB)	1	A			✓					"
1445y	3	A	✓							"
1446y	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 Deltenre	8/11/25 / 1520hrs.		[signature]	8-12-25 / 0815

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/12/25 Page 2 of 2

Sample Location: ST-5-985			Analytical Requirement							
Pertinent Notes (if any)	# of Containers	Sample Matrix*	LLNDMA ~~8260LL~~ co	Total Metals						
Sample Number										Charge Number
250812083OY	1	A	✓							XAMD
0831Y	2	A		✓						a

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

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zeno	8/12/25/1110 hrs.		Jose W Jaramillo	8-13-25/0810

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

WSTF 381C (05/2016)

Robert Burrows & Craig Del Ferraro present. Weather is clear & hot. This zone will be sampled using 5 triple rinsed, stainless steel sample tubes. Gen in use. Probe #1539. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy G1

Sample	Analysis	Preservative	Container	Lot	Lab
250813 1420Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 1421Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 250814 0820Y
PH - 8.01
Temp - 24.3°C
Cond - 1860 us/cm
Turb - 2.30 NTU's
pH pre - 7.04/10.06 (19.4°C)
pH post - 7.05/10.06
DTW - 490.68 ft.
Atmos - 12.52 psia

Final
Time - 250814 1018Y
PH - 7.93
Temp - 24.8°C
Cond - 1871 us/cm
Turb - 1.94 NTU's
pH pre - 7.01/10.03 (22.5°C)
pH post - 7.02/10.03
DTW - 490.80 ft.
Atmos - 12.54 psia
IDW - 1/2 gal.

Meter ID
pH/Cond - 18
Turb - 7
" std - 50.1 NTU
" rdg - 52.4 NTU
" lot - A5022
" Exp - 8/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250814 0855Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0856Y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
——— 0857Y	Low Level NDMA	"	"	"	"
——— 0935Y	Total Metals	ice/HNO_3	(2) 125ml poly	031725-2AEB	ALS
——— 0936Y	Anions/Alk.	ice	"	021025-2ERD	"
——— 1015Y	TDS by SM2540C	"	(1) 250ml poly	010625-2ADD	"
——— 1016Y	Perchlorate by 6850	"	(1) 125ml poly	021025-2ERD	"
——— 1017Y	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	021725-4ELR	"

Runs	1)	2)	3)	4)
	314.19	314.10	313.97	313.84
	335.80	335.81	335.85	335.81
	335.80	335.80	335.82	335.80
	314.18	314.06	313.94	313.83

Continued from page N/A

Read and Understood By

Craig Del Ferro 8/14/25

Date 8-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/13/25 Page 1 of 2

Sample Location: ST-5-1175

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LLNDMA						Charge Number
250813 1420Y (EB)	3	A	✓							XGMD
1421Y (EB)	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	8/13/25/1450hrs.		[signature]	8-14-25 / 0845

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/14/25 Page 2 of 2

Sample Location: ST-5-1175

Sample Number	# of Containers	Sample Matrix*	8260LL	607	LLNDMA	Total Metals	Anions/Alk.	TDS	Perchlorate	Charge Number
Pertinent Notes (if any)										
250814 0855y	3	A	✓							XGMD
0856y	1	A		✓						"
0857y	1	A			✓					"
0935y	2	A				✓				"
0936y	2	A					✓			"
1015y	1	A						✓		"
1016y	1	A							✓	"

Sample Location: ST-5-1175

Sample Number	# of Containers	Sample Matrix*	NO2/NO3							Charge Number
Pertinent Notes (if any)										
250814 1017y	1	A	✓							XGMD

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelZenno	8/14/25 / 1050hrs.		[signature]	8-15-25 / 0840

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

AL MONTES + Tony Tolmer present. The weather is partly cloudy. This zone will be sampled using a triple rinsed stainless steel WestBay tubes. Canboy G.J. Gen in us. System checks done prior to samplings. It started raining after the first run to fill the 607* per Troy where we sampled the 607 first, will return to get the other samples at a later date. Lightnings shutting down 151 30 min no E.B's

SAMPLE#	Analysis	Preserv	Cont	Lab
250820140[illegible]y	8260	Ice/HCl	(3) 40 mlvials	ALS

	Initial	Final
	250820 1425y	250825 0958y
pH	7.89	7.82
Temp	24.4	24.1
Cond	1196 µs/cm	1189
Turb	10. Centi's	10.3
phpre	7.00/10.00 s/n 28	6.99-9.96
phpost	7.00/10.00	6.98-9.95
DTW	220.83	220.87

Meter ID's
pH/Cond #4
Turb #
" Std 50.1
" Adj 50.9
" Lot # 50222
" Exp 8/5[illegible]

SAMPLES

SAMPLE#	Analysis	Preserv	Cont	Lab
250 ~~8220~~ 250919y	8260	Ice/HCl	(3) 40 mlvials	ALS
201450y	607	Ice	(1) 1L Amber	~~SUB~~ ALS
250920y	Total Metals	Ice/HNO_3	(2) 125ml poly	ALS
0921y	Anions/Alk	Ice	"	"
0950y	TDS	"	(1) 250ml poly	"
0951y	Perchlorate	"	(1) 125ml poly	"
0952y	NO_2/NO_3	Ice/H_2SO_4	"	"

Run1) 29.03	2) 28.99	3) 28.98	4) 28.97	5) 28.96	6) 28.91
31.64	31.48	31.35	32.43	32.38	32.15
31.49	31.40	31.07	32.31	32.15	31.97
29.02	29.03	29.01	28.95	28.94	28.94

NOTE: Dan Halvorsen + AL Montes continued on 8/25/2025

Continued from page

Read and Understood By

T. [illegible] 8-20-25 Pam Munda 8-26-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-20-25 Page 1 of 1

Sample Location: WB-5-200

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	TOTAL METALS	AMINES/ALK	TDS	PERCHLORATE		Charge Number
										X6MD
250820 1405Y (EB)	3	A	X							
—	3		X							
— 1450Y	1			X						
—	2				X					
—	2					X				
—	1						X			
—	1							X		

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 300.1/300.0							Charge Number
	1	A	X							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	8-20-25/1530		[signature]	8-25-25/0805

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

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-25-2025 Page _____ of _____

Sample Location: WB-5-250

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOCs	metals	anions/QNK	PFAS	Perchlorate	DOC/UV03		Charge Number
										XGMD
250825091[illegible]4	3	A	X							
0920 4	2			X						
0921 4	2				X					
0950 4	1					X				
0951 4	1						X			
0952 4	1							X		

Pertinent Notes (if any)

Sample Location:

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

Pertinent Notes (if any)

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	8.25.2025 1010		[signature]	8-26-25/0800

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

WSTF 381C (05/2016)

AL MONTES & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THIS ZONE WILL BE SAMPLED FROM #5 TRIPLE RINSED STAINLESS STEEL SAMPLE TUBES. GEN IN USE. CANBOY G-3. SYSTEM CHECKS DONE PRIOR TO SAMPLING.

30 min E.B's

Sample #	Analysis	Preserv	Cont	Lab
250820 1025y	8260	ICE/HCl	(3) 40ml VIA's	ALS
—— 1026y	TOTAL METALS	~~8260~~ ICE/HNO3	(2) 125ml poly	"

INITIAL	FINAL	METER ID's
250820 1050y	250820 1330y	pH/Cond 18
pH 8.12	8.13	Turb 7
Temp 24.3°c	26.1°c	" std 50.1
Cond 205 µs/cm	206 µs/cm	" Nd 50.9
Turb 3.33	3.49 NTU's	" Lot# 5022
phpre 7.08/10.05 (26.0)	7.05/10.01 (34.1°c)	" Exp 8/31
phpost 7.05/10.04	7.05/10.03	
DTW 220.76	220.83	

Samples

Sample #	Analysis	Preserv	Cont	Lab
250820 1305y	8260	ICE/HCl	(3) 40ml VIA's	ALS
—— 1306y	607	ICE	(1) 1LT Amber	SAF
—— 1307y	TOTAL METALS	ICE/HNO3	(2) 125ml poly	ALS

Run	1)	2)	3)
	42.17	42.16	42.11
	44.98	44.86	44.73
	44.89	44.71	44.68
	42.18	42.12	42.10

Continued from page

Read and Understood By

T. D 8-20-25 Ron Wunderlich 8-26-25

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8·20·25 Page 1 of 1

Sample Location: WB·5 ~280

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	6007	Total Metals					Charge Number
										X (Gmd)
250820 1025y (EB)	3	A	X							
~~1026y~~ 1305y	3	A	X							
1306y	1	A		X						
1307y	2	A			X					
1026y (EB)	2	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:
T. J.	8.20.25 3:15PM		Joe Munch	8-25-25 / 0805

* 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 SAMPLED WITH 5 STAINLESS STEEL WESTBAY BOTTLES. PROBE #1539. SURFACE CHECKS DONE PRIOR TO SAMPLING. GEN IN USE

30 min E.B.'s (CARBOY G-3)

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
250820 0830 y	8260	ICE HCl	(3) 40ml VIALS	ALS

TRIP BLANKS

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
250820 0700 y	8260	ICE HCl	(3) 40ml VIALS	ALS

	INITIAL	FINAL
	250820 0905 y	250820 1000 y
pH	7.69	7.65
Temp	23.4°C	23.1
Cond	1028 µs/cm	1035 µs/cm
Turb	2.74 NTU's	3.10 NTU's
phpre	7.08 / 10.00 (22.9)	7.05 / 10.01 (24.1)
phpost	7.05 / 10.01	7.00 / 10.02
DTW	220.69 ft	220.76

METERS
pH/cond #18
Turb #7
" STD 50.1
" Mid 502.1
" LOT# 502
" Exp 8/31

SAMPLES

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
250820 0930 y	8260	ICE HCl	(3) 40ml VIALS	ALS
—— 0931 y	6007	ICE	(1) LT AMBER	SRF
—— 0932 y	TOTAL METALS	ICE HNO_3	(2) 125ml poly	ALS
—— 0950 y	ANIONS/ALK	ICE	"	"
—— 051 y	TDS	"	(1) 250ml poly	"
—— 0952 y	PERCHLORATE	"	(1) 125ml poly	"
—— 0953 y	NO_2 NO_3	ICE H_2SO_4	"	"

	1)	2)	3)
Rum	70.65	70.63	70.56
	73.74	73.57	73.38
	73.59	73.38	73.16
	70.64	70.65	70.57

Continued from page

Read and Understood By

8-20-25 Date

8-25-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-20-25 Page 1 of 1

Sample Location: WB-5-345

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260	6010	TOTAL METALS	ANIONS-AIR	TDS	PERCHLORATE		Charge Number
				Analytical Requirement							X6mn
250820 ~~0700~~ 0700Y TB		3	A	X							
0930Y		3		X							
0931Y		1			X						
0932Y		2				X					
0950Y		2					X				
0951Y		1						X			
0952Y		1							X		

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	300.0/300.1 NO2	8260						Charge Number
				Analytical Requirement							
0953Y		1	A	X							
0830Y					X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T-Dg	8-20-25/1100		[signature]	8-25-25 /0805

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

Robert Burrows & Craig Del Ferraro present. Weather is cloudy & hot. This zone will be sampled using 5 steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe #1539. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks- Carboy G1

Sample	Analysis	Preservative	Container	Lot	Lab
250814 1330Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS

Initial Parameters @@
Time - 250814 ~~1320Y~~ 1345Y
PH - 8.37
Temp - 25.8°C
Cond - 841us/cm
Turb - 2.41 NTU's
pHpre - 6.98/9.95 (31.0°C)
pHpost - 6.99/9.95
DTW - 309.15 ft.
Atmos - 12.40 psia

Final
Time - 250814 1430Y
PH - 8.28
Temp - 26.2°C
Cond - 835us/cm
Turb - 1.84 NTU's
pHpre - 6.98/9.94 (32.8°C)
pHpost - 6.97/9.94 (33.4°C)
DTW - ~~6.98/9.94~~ 309.23 ft.
Atmos - 12.38 psia
IDW - 1/2 gal.

Meter ID
pH/Cond - 18
Turb - 7
" std - 50.1 NTU
" rdg - 52.0 NTU
" lot - A5022
" Exp - 8/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250814 1400Y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
" 1401Y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
" 1402Y	Total Metals	ice/HNO3	(2) 125ml polys	031725-2AES	ALS

*Tim Kondy & Al Montes also present to collect PFAS sample.

*Samples were very aerated.

Runs	1)	2)	3)
	108.40	108.26	108.26
	108.91	108.85	108.77
	108.94	108.81	108.75
	108.38	108.23	108.23

Continued from page N/A

Read and Understood By

Craig Del Ferro 8/14/25

Pam Mundt 8-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/14/25 Page 1 of 1

Sample Location: WB-14-520

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	Total Metals					Charge Number
250814 1330y (EB)	3	A	✓							XGMD
1400y	3	A	✓							u
1401y	1	A		✓						u
1402y	2	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 Terzo	8/14/25/1500hrs.		[signature]	8-15-25 /0840

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

WSTF 381C (05/2016)

PROJECT WW-4-419 WSI ENV-0110

Notebook No. D32 # 137(B)

Continued from page N/A

MATT GARCIA & TONY TORRE PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SAMPLING SYSTEM. PURGE PRESSURE SET @ 22 & SAMPLE PRESSURE SET @ 19.5 PSI. BUBBLER SET @ 3 PSI & STABLE @ 5.5 PSI. A MIN OF 4 GALLONS TO BE PURGED PRIOR TO SAMPLING. THE FIRST 350 mls WILL BE DISCARDED. CARBOY 6.3

5 GALLONS IDW

PRE PARAMS	SAMPLE PARAMS
250814 1240B	1259B
pH 7.36	7.34
Temp 24.3 C	24.4
Cond 13.54	1348
Turb 1.25	1.10
phpre 7.00/10.00 (4.1)	7.01/10.00 (4.24)
phpost 7.00/10.00	7.00/10.00

METER ID's
pH cond # 14
Turb # 8
11 std 9.30
11 mid 9.10
11 LOT# 5622
11 Exp 8/31

TRIP BLANKS

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
250914 0700B	8260	ICE/HCl	(3) 40 mL VIALS	ALS
" 0701B	CLNOMA	ICE	(1) LT AMBER	SRL

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
250914 1300B	8260B	ICE/HCl	(3) 40 mL VIALS	ALS
" 1301B	" (FB)	"	"	"
" 1302B	CLNOMA	ICE	(1) LT AMBER	SRL
" 1303B	" (FB)	"	"	"
" 1304B	" (Dup)	"	"	"

~~Trip Blanks~~ FB Blind control

SAMPLE #	ANALYSIS	PRESERV	CONT	LOT #	LAB
250914 1400 B	CLNOMA	ICE	(1) LT AMBER	2560052A	SRL

Continued from page

Read and Understood By

T. D. 8-14-25 Date

Date 8-15-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-14-25 Page 1 of 1

Sample Location: WW-4-419

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA						Charge Number
250814 0700B (TB)	3	A	X							XGMD
1300B	3		X							
1301B (FB)	3		X							
0701 LTB	1			X						
1302B	1			X						
1303B (FB)	1			X						
1304 (Dup)	1			X						

Sample Location: WW-4-419

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: LLNDMA							Charge Number
250814 1400B (BC)	1	A	X							XGMD

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. J	8-14-25 1400		Jon W Jund	8-15-25 0840

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

MATT GARCIA & TONY TORREZ PRESENT. THE WEATHER IS CLEAR & HOT. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SAMPLE SYSTEM. PURGE RATE 22 lpm SAMPLE PRESSURE 19 psi. BUBBLER SET @ 3 psi & STABLE @ 5.5 psi. A min OF 4 gallons PURGED PRIOR TO SAMPLING. FIRST 350 mls WILL BE DISCARDED PRIOR TO SAMPLING. CARBOY 6-8

5 GALLONS IDW

	PRE PARAM'S 250814 1315B	SAMPLE PARAM'S 250814 1320B
pH	7.39	7.41
TEMP	23.9	24.8
COND	1204	1202
TURB	1.04	1.10
pH PRE	7.00/10.00	7.01/10.00
pH POST	7.00/10.01	7.00/10.00

METER ID'S
pH/cond 16
Turb 8
"STD 9.30
"Rd 9.15
"LOT # 5022
"Exp 8/31

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
250814 1321B	8260	(4) HCl	(3) 40ml VIALS	ALS
" 1322B	" (FB)	"	"	"
" 1323B	LL NDMA	ICE	(1) LGT AMBER	SRL
" 1324B	" (FB)	"	"	"

Continued from page NA

Read and Understood By

T. Torrez — Signed
8-14-25 — Date
DT Wiebe — Signed
8/14/25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8-14-25 Page 1 of 1

Sample Location: WW-4-589

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	Analytical Requirement: LLVDMA						Charge Number
250814 1321B	3	A	X							XGMO
1322B (FB)	3	↓	X							↓
1323B	1			X						
1324B (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:
[signature]	8.14.25/1400		[signature]	8-15-25 /0840

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

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is cool & foggy. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose. this zone will be purged at least 4 times or until ~4 gals. has been collected. 15-20 min in between each purge to allow for recovery. Purge pressure set @ 221 psi and sample pressure set @ 199 psi. 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 - 250818 1250 B
PH - 7.89
Temp - 21.1°C
Cond - 862 us/cm
Turb - 0.71 NTU's
pH pre - 7.02/10.04 (24.0°C)
pH post - 7.03/10.02

Parameters
Time - 250818 1314 B
PH - 7.93
Temp - 21.8°C
Cond - 874 us/cm
Turb - 0.60 NTU's
pH pre - 7.00/10.03 (24.9°C)
pH post - 7.01/10.03

Meter ID
pH/Cond - 16
Turb - 8
" Std - 9.30 NTU
" rdg - 9.38 NTU
" lot - A5022
" Exp - 8/31/25

Buffers

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
250818 0730 B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0731 B	Low Level NDMA	ice	(1) 1L Amber	011990 1J	SRI

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250818 1310 B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 1311 B	" (FB)	"	"	"	"
——— 1312 B	Low Level NDMA	ice	(1) 1L Amber	011990 1J	SRI
——— 1313 B	" (FB)	"	"	"	"

IDW: 4 gals.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 8/18/25 Signed Date

Signed 8-18-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/18/25 Page 1 of 1

Sample Location: WW-4-84B

Analytical Requirement: 8260 LL; LL NDMA

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260 LL	LL NDMA						Charge Number
250818 0730B (TB)	3	A	✓							XGMD
0731B (TB)	1	A		✓						"
1310B	3	A	✓							"
1311B (FB)	3	A	✓							"
1312B	1	A		✓						"
1313B (FB)	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 Fiume	8/18/25 1400hrs.		[signature]	8-19-25 / 0830

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

Tony Torrez & Craig Del Ferraro present. Weather is clear, cool, & foggy. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge system. This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 221 psi and sample pressure set @ 199 psi. 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	Parameters	Meter ID
Time - 250818/1320B	Time - 250818/1325B	pH/Cond - 16
pH - 8.53	pH - 8.42	Turb - 8
Temp - 20.8°C	Temp - 21.4°C	" std - 9.30 NTU's
Cond - 1049 us/cm	Cond - 1058 us/cm	" rdg - 9.38 NTU's
Turb - 0.68 NTU's	Turb - 0.63 NTU's	" lot - A5022
pHpre - 6.98/10.02 (26.5°C)	pHpre - 6.99/10.02 (27.2°C)	" Exp - 8/31/25
pHpost - 6.98/10.03	pHpost - 6.97/10.01	

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250818/1321B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— /1322B	" (FB)	"	"	"	"
——— /1323B	Low Level NDMA	Ice	(1) 1L Amber	0119015	SPL
——— /1324B	" (FB)	"	"	"	"

IDW: 4 gals.

Continued from page N/A

Read and Understood By

Craig Del Ferraro Signed 8/18/25 Date

Peter W Munch Signed 8-18-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 8/18/25 Page 1 of 1

Sample Location: WW-4-94B

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	LLNDMA						Charge Number
250818 1321B	3	A	✓							XGMD
1322B (FB)	3	A	✓							"
1323B	1	A		✓						"
1324B (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	8/18/25/1400hrs.		[signature]	8-19-25/0830

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

WSTF 381C (05/2016)

PROJECT 200-SG-110 WSI ENV-0053

Notebook No. O-32#-136 (A)

Continued from page N/A

Robert Burrows & Matt Garcia present, weather is Warm & Hazy & Partly cloudy. This Well will be purged using a dedicated Bladder pump and new DEHP discharge Hose. Carboy G-1 in use, PPE in use is Safty Glasses and Chemsoft Nitrile gloves. Samples Collected using NON DEHP Hose. Has Transducer in well.

Parameters

Time - 250916 1307A
PH - 7.70
Temp - 24.2 (c)
Cond - 1525 (us/cm)
Turb - 0.44 (ntus)
PH Pre - 7.15/9.95 (35.6°c)
PH Post - 7.18/9.95 (33.4°c)
DTW - 7.066 (ft)

Final Parameters

Time - 250916 1325A
PH - 7.29
Temp - 24.5 (c)
Cond. - 1506 (us/cm)
Turb - 0.33 (ntus)
PH-Pre - 7.23/9.94 (33.1 c)
PH-Post - 7.12/9.96 (34.2 °c)
IDW - 1.0 gal.

Meter ID

PH/Cond - 17#
Turb - 6#
Std. - 4.79 (ntus)
Pdg. - 4.50 (ntus)
Lot# - A-5022
Exp - 9/30

(psi) Press - 3.09#
Temp - 70.17 °c
Depth - 7.026 ft
Barom - 859.6

Samples

Samples	Analysis	Preservative	Containers	Lot#	Lab
250916 1318 A	VOA by 8260	HCl/ICE	(3) 40 ml vials	2801	ALS
—— 1319 A	" " (Dup)	" "	(3) "	"	" "
—— 1320 A	" " (FB)	" "	(3) "	"	" "
—— 1321 A	NDMA/DMN/ by 607 Bromate	ICE	(1) 1L Amber	0119961J	SRI
—— 1322 A	" " (FB)	" "	(1) "	"	" "
—— 1323 A	Total metals	HNO3/ICE	(2) 125ml poly	6317257-2 AES	ALS

Continued from page N/A

Read and Understood By

Robert Burrows — Signed — 9-16-25 — Date

D Wiehe — Signed — 9/16/25 — Date

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-16-25 Page 1 of 1

Sample Location: 200-UG-110

Pertinent Notes (if any)

Task Memo - 15-237

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA by 8260	Bromacil NEMA/AMV/by 607	Total Metals					Charge Number
										XGMD
250916 1318A	3	A	X							↓
1319A (DUP)	3	↓	X							
1320A (FB)	3		X							
1321A	1			X						
1322A (FB)	1			X						
1323A	2	↓			X					↓
					RB					

Sample Location:

Pertinent Notes (if any)

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

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Robert Burnard	9-16-25/2:20		Jon W Jumel	9-17-25 / 0810

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

Robert Burrows & Matt Garcia present. Weather is Warm & Cloudy & Hazy. This well will be purged ~~Low~~ BP and sampled using a dedicated bladder pump. Samples will be Collected using A New DEHP discharge Hose. Carboy G-1 to USE. PPE in use is Safty Glasses and chemSoft nitrile gloves. Turbidity too High Had to purge more than ½ gal.

Parameters
Time - 2509171435h
PH - 7.91
Temp - 25.4 (°C)
Cond - 465 (us/cm)
Turb - N/A
PH Pre - 7.17/9.95 (24.1 °C)
PH Post - 7.22/9.97 (27.4 °C)
DTW - 158.20 (ft)

Final Parameters
Time - 2509171452A
PH - 7.90
Temp - 25.06 (°C)
Cond - 467 (us/cm)
Turb - N/A
PH Pre - 7.22/9.99 (30.7 °C)
PH Post - 7.21/9.98 (32.1 °C)
IDW - 2 ½ gals.

meter IO
PH/Cond - 17#
Turb. - 6#
Std. - 479 (units)
Rdg. - 469 (units)
Lot# - A-5022
Exp - 9/30

Buffers **Exp**
7.# - cc 810372 9-24-25
10# - cc 806765 9-24-25

Samples

Samples	Analysis	Preservative	Containers	Lot#	Lab
2509171444A	VOA by 8260	HCl/ICE	(3) 40ml vials	2801	ALS
1445A	" " (FB)	" "	(3) " "	" "	" "
1446A	" " (Dup)	" "	(3) " "	" "	" "
1447A	NDMA/Amw/ by 607 bromacil	ICE	(1) 1L Amber	011901J	SRI
1449A	Total metals	HNO3/ICE	(2) 125ml poly	031725-2 AES	ALS
1450A	" " (FB)	" "	(2) " "	" "	" "

& Turbidity would not Read to High for meter. 2 ½ gals. purged. Look like the Hole For this well was Filled up.

Continued from page N/A

Read and Understood By

Robert Burrows — Signed — 9-17-25 Date

Signed — 9-18-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-17-25 Page 1 of 1

Sample Location: 200-KV-150

Pertinent Notes (if any)

TASK - memo - 15238

Sample Number	# of Containers	Sample Matrix*	VOAs by 8260	Bromoil VOAs/DRO/GRO by 601	Total metals					Charge Number
250917 1444 A	3	A	X							XGMD
1445 A (EB)	3		X							
1446 A (Dup)	3		X							
1447 A	1			X						
1449 A	2				X					
1450 A (FB)	2				X					

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Robert Burrows	9-17-25 / 1510		Jon Mund	9-18-25 / 0800

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

WSTF 381C (05/2016)

Robert Burrows & Matt Garcia present. Weather is Clear & Warm. This well will be purged using a dedicated bladder pump and discharge Hose. Carboy G-1 in use. Total depth 138.29 (Ft) in a 2" well, purging 2.31 gallons or Three well volumes.

Field Blank & Samples

Sample #	Analysis	Preservative	Containers	Lot #	Lab
250915 1039 A	Pesticides by 8081B	ICE	(2) 500 ml Amber	042125-1HY	ALS
——— 1043 A	Herbicides by 8151A	" "	(2) " "	" "	" "
——— 1045 A	Dioxins/Furans by 8290	" "	(2) 1L Amber	01199015	SRI
——— 1047 A	VOA by 8260	HCl/ICE	(3) 40 ml vials	2801	ACS
——— 1048 A	" " (FB)	" "	(3) " "	" "	" "
——— 1050 A	NOMA/OMN/Bromacil by 607	ICE	(1) 1L Amber	01199015	SRI
——— 1052 A	SVOA by 8270D	ICE	(2) 500 ml Amber	090224-1HY	ALS
——— 1054 A	PCB's by 8082A	" "	(1) 500ml Amber	042125-1HY	" "
——— 1056 A	Phenolics by 9066	H2SO4/ICE	(1) 250ml Amber	060524-1EXP	" "
——— 1058 A	Total metals	HNO3/ICE	(2) 125 ml poly	N/A	" "
——— 1101 A	Anions/Alk	ICE/ZERO HS.	(2) " "	021025-2ERP	" "
——— 1103 A	TDS by Sm 25.40C	ICE	(1) " "	052024-2ERG	" "
——— 1105 A	Perchlorate by 6850	ICE/1/3 HS.	(1) " "	081224-2ERP	" "
——— 1107 A	NO2, NO3 by 353.2	H2SO4/ICE	(1) " "	021725-4ELR	" "
——— 1109 A	Cyanide by 9012B	NaOH/ICE	(1) 125 ml poly 1 vial	N/A	" "
——— 1111 A	Sulfide by 9030	ZINC Acetate NaOH/ZERO HS. ICE	(1) 500 ml poly	110623-2ADS	ALS

Parameters

Time - 250915/1028A
PH - 7.58
Temp - 25.0 (°C)
Cond - 1522 (us/cm)
Turb - 0.71 (ntu's)
PH Pre - 7.18/10.00 (28.0°C)
PH Post - 7.21/10.00 (26.0°C)
DTW - 133.60 (Ft)

Final Parameters

Time - 250915/1115 A
PH - 7.50
Temp - 25.2 (°C)
Cond - 1501 (us/cm)
Turb - 0.61 (ntu's)
PH Pre - 7.19/10.00 (26.1°C)
PH Post - 7.21/10.00
TDW - 3.0 gals.

Meter ID

PH/Cond - 17#
Turb - 6# RB
Std - ~~4.00~~ 4.79 (ntu's)
Rdg - 6.00 (ntu's)
Lot# - A5027
Exp - 9/30

Continued from page N/A

Read and Understood By

Robert Burrows — Signed — 9-15-25 — Date

D T Wilke — Signed — 9/15/25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-15-25 Page 1 of 2

Sample Location: 200-SG-1

Pertinent Notes (if any)

TASK memo - 15234

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8081B Pesticides by	8151A Herbicides by	8290 Dioxins/Furans	Vomb by 8260	607 VOMA/GOMA/Benzenes	SVOA by 8270D		Charge Number
250915/1039A	1	A	X							X GMD
1043A	1			X						
1045A	1				X					
1047A	3					X				
1048A (EB)	3					X				
1050A	1						X			
1052A	2							X		

Sample Location: 200-SG-1

Pertinent Notes (if any)

Task memo - 15234

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: PFAS by 8328	Phenolics by 9066	Total metals	Anions/Alk	TDS by SM 2540C 6850	Perchlorate by	NO2/NO3 by 353.2		Charge Number
250915/0944A	1	A	X								X GMD
1056A	1			X							
1058A	2				X						
1101A	2					X					
1103A	1						X				
1105A	1							X			
1107A									X		

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Robert Burrows	9-15-25 / 11:34		[signature]	9-16-25 / 0830

* 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: 9-15-25 Page 2 of 2

Sample Location: 200-58-1

Pertinent Notes (if any)

TASK Memo - 15234

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Cyanide by 8012	Sulfide by 9030						Charge Number
250915 1109A	1	A	X							XGMD
1111A	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:
Robert Burrows	9-15-25 / 1434		Jon Wunch	9-16-25 / 0830

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

OJECT 300-A-120 WJI ENV-0053

Notebook No. D-32 #-136(A)

Continued from page N/A

Robert Burrows & Matt Garcia present. Weather is partly cloudy & warm & Breezy. This well will be purged ~~RD~~ using a dedicated bladder pump. Samples will be collected with a new DEHP dedicated discharge Hose. Carboy G-1 in use.

Parameters	FINAL Parameters	Meter ID	Press. - 5.687 (psi)
me - 250915/1416A	Time - 250915 1433 A	PH/Cond - 17#	Temp - 21.15 (°C)
4 - 8.17	PH - 7.76	Turb - 6#	Depth - 12.21
mp - 26.4(°C)	Temp - 23.3 (°C)	Std - 4.79 (ntus)	Barometric - 804.9
nd - 995 (us/cm)	Cond - 1000 (us/cm)	Rdg - 6.00 (ntus)	
rb - 0.73(ntus)	Turb - 0.88 (ntus)	Lot# - A5022	
PRE - 7.6/10.00 (36.9°C)	PH-PRE - 7.77/10.00 (24.4°C)	Exp - 9/30	
Post - 7.15/10.00 (32.6°C)	PH-Post - 7.18/10.00 (22.2°C)		
TW - 12.21	IDW - 5.0 gals.		

Samples

Sample #	Analysis	Preservatives	Containers	Lot #	Lab
250915 1419 A	Pesticides by 8081B	ICE	(1) 500 mL Amber	042125-1HY	A2S
——— 1420A	Herbicides by 8151A	" "	(1) " "	" "	" "
——— 1421A	Dioxins/Furans by 8290	" "	(1) 1L Amber	0119901J	SRI
——— 1422A	VOA by 8260	HCl/ICE	(3) 40 ml VOA Vials	2801	A2S
——— 1423A	" " (Dup)	HCl/ICE	(3) " "	" "	" "
——— 1424A	" " (FB)	" "	(3) " "	" "	" "
——— 1425A	NDMA/Dmoy/bromide by 607	ICE	(1) 1L Amber	0119901J	SRI
——— 1426A	SVOA by 8270D	" "	(2) 500 ml Amber	090224-1HY	A2S
——— 1427A	PCB's by 8082A	" "	(1) 500 ml Amber	042125-1HY	" "
——— 1428A	Phenolics by 9066	H2SO4/ICE	(1) 250 ml Amber	060424-1EHP	" "
——— 1429A	Total Metals	HNO3/ICE	(2) 125 ml Poly	N/A	" "
——— 1430A	Cyanide by 9012B	NaOH/ICE	(1) 125 ml Amber	N/A	" "
——— 1431A	Sulfide by 9030	Zinc Acetate NaOH/ICE 2 ml HS. ICE	(1) 500 ml poly	110625-2AOS	" "

Continued from page N/A

Read and Understood By

Robert Burrows 9-15-25 D Wilson 9/15/25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-15-25 Page 1 of 1

Sample Location: 300-A-120

Pertinent Notes (if any)

TASK - Memo - 15233

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Pesticides by 8081B	Herbicides by 8151A	PCBs by 8290 Aroclors/Congeners	VOA by 8260	by 6PA (DMMP/DMMP/Decomp)			Charge Number
										XGMD
250915 1419A	1	A	X							
1420A	1			X						
1421A	1				X					
1422A	3					X				
1423A	3					X				
1424A (EB)	3					X				
1425A	1	↓					X			↓

Sample Location: 300-A-120

Pertinent Notes (if any)

TASK Memo - 15233

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Simsby 8270D	PCBs by 8082A	Phenolics by 9066	Total Metals	Cyanide by 9012B	Sulfide by 9030			Charge Number
											XGMD
250915 1426A	2	A	X								
1427A	1			X							
1428A	1				X						
1429A	2					X					
1430A	1						X				
1431A	1	↓						X			↓

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Robert Burnett	9-15-25 / 3:21		[signature]	9-16-25 / 0830

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

Al Montes & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge hose. Carboy G3 in use.

Total depth - 181.59ft.
Initial DTW - 161.03 ft.
start purge - 0815 hrs.
Stop purge - 1055 hrs.
purge rate - 0.25 gpms
3 casing vols. - 40 gals
Total gallons purged - 40
Final DTW - 164.62 ft.

Meter ID	
pH/Cond	-18
Turb	-20
"	Std - 9.48 NTU's
"	rdg - 9.56 NTU's
"	lot - A5022
"	Exp - 9/30/25

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

Initial Parameters	Secondary	Final
Time - 250918 1000C	Time - 250918 1055C	Time - 250918 1106C
PH - 7.60	PH - 7.69	PH - 7.74
Temp - 23.8'c	Temp - 23.5'c	Temp - 24.3'c
Cond - 1647 us/cm	Cond - 1656 us/cm	Cond - 1661 us/cm
Turb - 1.54 NTU's	Turb - 1.22 NTU's	Turb - 1.16 NTU's
pH pre - 7.03/10.05 (23.7'c)	pH pre - 7.02/10.04 (24.9'c)	pH pre - 7.03/10.05 (25.5'
pH post - 7.04/10.03	pH post - 7.01/10.03	pH post - 7.01/10.04
DTW - 163.50 ft.	DTW - 164.12 ft.	

* PPE used/required at this well: gloves and safety sunglasses.

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250918 0730C	VOA by 8260 (TB)	ice/HCL	(3) 40ml vials	2801	ALS
——— 1100C	"	"	"	"	"
——— 1101C	" (FB)	"	"	"	"
——— 1102C	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
——— 1103C	" (Dupl.)	"	"	"	"
——— 1104C	Total Metals	ice/HNO3	(2) 125ml polys	031725-2MES	ALS
——— 1105C	" (Dupl.)	"	"	"	"

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/18/25 B-101 Pam Munds 9-22-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/18/25 Page 1 of 1

Sample Location: 300-D-153

Sample Number	# of Containers	Sample Matrix*	8260	607	Total Metals					Charge Number
Pertinent Notes (if any)			Analytical Requirement							
250918 0730C (GB)	3	A	✓							XGMD
1100C	3	A	✓							4
1101C (FB)	3	A	✓							4
1102C	1	A		✓						4
1103C (Dupl.)	1	A		✓						4
1104C	2	A			✓					4
1105C (Dupl.)	2	A			✓					4

Sample Location:

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

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	9/18/25/1125hrs.		[signature]	9-22-25 / 0810

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

Robert Burrows & Tony Torres present. The weather is clear & cool. This well will be purged & sampled using a Dedicated Teflon bladder pump Samples collected from A DEHP discharge Tube. Carboy 6-1

	INITIAL	FINAL
	250925 0910A	250925/1015A
pH	7.92	7.91
Temp	21.9	22.3
Cond	1354 µs/cm	1347
Turb	2.40	2.15
pH PRE	7.00/1005/21.8	7.00/10.00
pH POST	7.00/10.00	7.01/10.00
DTW	192.75	192.90

METER ID's
pH Cond. #17
Turb # 6
" STD = 4.79
" RDG = 4.81
" LOT# = A5022
" Exp = 9-30-22

Field Blanks

SAMPLE#	ANALYSIS	PRESERV	CONT	LAB
250925 0915A	8260	ICE/HCl	(3) 40ml VOAs	HEAL
— 0916A	EDB/DBCP	ICE/$Na_2S_2O_3$	(2) "	"
— 0917A	5030A	ICE	(4) "	"
— 0918A	PCB's	"	(2) 1LT Amber	"
— 0919A	Phenols	ICE/H_2SO_4	"	"
— 0920A	Cyanide	ICE/NaOH	(1) 500ml poly	"
— 0921A	Metals	ICE/HNO_3	(1) 250ml poly	"
— 0922A	Ra226/228	"	(2) ~~1 Gallons~~ 1LT poly	"
— 0923A	TOC	ICE/HCl	(2) 40ml VOAs	"
— 0924A	Anions	ICE	(1) 1LT poly	"
— 0925A	NO_2/NO_3/TKN Ammonia	ICE/H_2SO_4	(1) 500ml poly	"

Continued from page 96

Read and Understood By

T. [signature] 9-25-25 Signed Date

Pam Mundy 9-26-25 Signed Date

Samples

Sample #	Analysis	Preserv	Cont	Qty
250925 0926A	8260	ICE/HCl	(3) 40ml VOAs	DL
— 0927A	" (FB)	"	"	"
— 0928A	COD	ICE	(1) LT Amber	SNF
— 0929A	TDS	"	(1) 250ml poly	ALS
— 0930A	Perchlorate	"	(1) 125ml poly	"
— 0931A	8260	ICE/HCl	(3) 40ml VOAs	HEAL
— 0932A	" (TB)	"	(2) "	"
— 0933A	EDB/DBCP	ICE/$Na_2S_2O_3$	(3) "	"
— 0934A	" (TB)	"	(1) "	"
— 0935A	SVOA	ICE	(4) 40ml VOAs Amber	"
— 0936A	" (Dup)	"	"	"
— 0937A	PCB's	"	(2) LT Amber	"
— 0938A	Phenols	ICE/H_2SO_4	(2) "	"
— 0939A	Cyanide	ICE/NaOH	(1) 500ml poly	"
— 0940A	Metals	ICE/HNO_3	(1) 250ml poly	"
— 0941A	Radem	"	(2) LT poly	"
— 0942A	Toc	ICE/HCl	(2) 40ml VOAs	"
— 0945A	Anions	ICE	(1) LT poly	"
— 0944A	Nitrate/Nitrite Ammonia	ICE/H_2SO_4	(1) 50ml poly	"

Continued from page

Read and Understood By

T. [illegible] 9-25-25 — Signed / Date

Tom Munck 9-26-25 — Signed / Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-25-25 Page 1 of 2

Sample Location: 200-A-263

Pertinent Notes (if any)

Task memo - 15249

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	VOA by 8260	benzene/NO3/NO2/PO4/Br by 300.0	TDS by SM2540C	Perchlorate by 6850				Charge Number
										XGMA
250925 0926A	3	A	X							
0927A FB	3		X							
0928A	1			X						
0929A	1				X					
0930A	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-Dg	9-25-25/0953		[signature]	9-25-25/0950

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-25-25 Page 2 of 2

Sample Location: 700-A-253

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	EDB/DBCP	SVOA	PCB-S	Phenols	Cyanide			Charge Number
										XPCC ~~XOMA~~
250925 0933A	3	A	X							
0934A (TB)	1		X							
0935A	4			X						
0936A (Dup)	4			X						
0937A	2				X					
0938A	2					X				
0939A	1						X			

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Metals	RadCh	TOC	Anions	NO2/NO3/TKN Ammonia			Charge Number
										XPCC
0940A	1	A	X							
0941A	1			X						
0942A	2				X					
0943A	2					X				
0944A	1						X			
	1									

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T-Z	9-25-25/1050		[signature]	9-26-25 /0820

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-25-25 Page 1 of 2

Sample Location: 700A 253

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	EDB/DBCP	SVOA	PCB	PHENOLS	CYANIDE	METALS	Charge Number
										~~XAcc~~ ~~XOMA~~
250925 0915A (FB)	3		X							
0916A (FB)	2			X						
0917A (FB)	4				X					
0918A (FB)	2					X				
0919A (FB)	2						X			
0920A FB)	1							X		
0921A (FB)	1								X	

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	RA226/228	TOC	ANIONS	NO2 NO3 TKN Ammonia	8260			Charge Number
										XPCC
0922A (FB)	2	A	X							
0923A (FB)	2			X						
0924A FB	1				X					
0925A FB	1					X				
0931A	3						X			
0932A (FB)	3						X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T-Sf	9-25-25 / 1050		[signature]	9-26-25 / 0820

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

ROBERT BURROWS & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THIS ZONE WILL BE PURGED & SAMPLED USING A DEDICATED TEFLON BLADDER PUMP. SAMPLES COLLECTED FROM A DEHP DISCHARGE TUBE. CANBY 6-1

	INITIAL	FINAL
	250924 0855A	0950A
pH	7.61	7.60
TEMP	20.9	21.3
COND	1682	1688
TURB	1.91	1.74
phpre	7.00/10.00	7.01/10.00
phpost	7.00/10.00	7.00/10.01
DTW	174.25	174.25

METER ID'S
pH Leeds 17
Turb 6
" STD 4.79
" Rdg 4.45
" LOT # A5022
" Exp 9-3025

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
250924 0900A	8260	ICE/HCl	(3) 40ml VIALS	ALS
0901A	" (FB)	"	"	"
0902A	6007	ICE	(1) 1LT AMBER	SNT
0903A	PENCHLORATE	"	(1) 125ml poly	ALS
0904A	8260	ICE HCl	(3) 40ml VIALS	H CAL
0905A	" (TB)	"	(2) "	"
0906A	" (Dup)	"	(3) "	"
0907A	EDB/DBCP	ICE/$Na_2S_2O_3$	(2) "	"
0908A	" (TB)	"	(1) "	"
0909A	PCB's	ICE	(2) 1LT AMBER	"
0910A	PHENOLS	ICE/H_2SO_4	"	"
0911A	CYANIDE	ICE/NaOH	(1) 500ml poly	"
0912A	METALS	ICE/HNO_3	(1) 250ml poly	"
0913A	RA226/228	"	(2) 1LT Poly	"
0914A	TOC	ICE/HCl	(2) 40ml AMBER	"
0915A	ANIONS	ICE	(1) 1LT Poly	"
0916A	NO_2/NO_3 TKN AMMONIA TOTALN	ICE/H_2SO_4	(1) 500ml poly	"
0917A	" (Dup)	"	"	"
0918A	SVOA	ICE	(4) 40ml VIALS	"

Continued from page

Read and Understood By

J. [signature] 9-24-25
Signed Date

Lori W Munch 9-25-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-24-25 Page 1 of 2

Sample Location: 700-D-186

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	PERCHLORATE	8260				Charge Number
250924[illegible]00A	3	A	X							XGMD/~~XPCC~~
0901A (F3)	3		X							
0902A	1			X						
0903A	1				X					
0904A	3					X				XPCC
0905A	2					X				
0906A	3					X				

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: EDB/DBCP	PCBs	PHENOLS	CYANIDE	METALS	RA226 / 228		Charge Number
0907A	2	A	X							
0908A	1		X							
0909A	2			X						
0910A	2				X					
0911A	1					X				
0912A	1						X			
0913A	2							X		XPCC

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. [illegible]	9-24-25 / 1100		[illegible]	9-25-25 / 0905

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-24-25 Page 2 of 2

Sample Location: 200-D-186

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	TOC	ANIONS	NO2/NO3/NH3	SVOA				Charge Number
850924 0914A	2	A	X							~~Demo~~/xpec
0915A	1			X						
0916A	1				X					
0917A	2				X					
0918A	4					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:
J-D	9-24-25 / 1100		[signature]	9-25-25 / 0905

* 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 zon will be sampled using 5 triple rinsed, stainless steel sample tubes. Gen. in use. Probe #1539. Surface checks performed on probe prior to sampl

30 Min Equipment blanks - Carboy G2

Sample	Analysis	Preservative	Container	Lot	Lab
250924 1340y	VOA by 8260	ice / HCL	(3) 40ml vials	2801	ALS
——— 1341y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 250924 1405y
PH - 8.61
Temp - 23.0°c
Cond - 867 us/cm
Turb - 0.99 NTU's
pH pre - 7.01 / 9.98 (28.7°c)
pH post - 7.02 / 9.97
DTW - 291.65 ft.
Atmos - 12.44 psia

Final
Time - 250926 0831y
PH - 8.54
Temp - 22.6°c
Cond - 880 us/cm
Turb - 0.80 NTU's
pH pre - 7.06 / 10.08 (16.7°c)
pH post - 7.05 / 10.08
DTW - 291.77 ft.
Atmos - 12.41 psia
IDW - ½ gal.

Meter ID
pH / Cond - 15
Turb - 7
" Std - 56.6 NTU
" rdg - 58.0 NT
" lot - A5022
" Exp - 9/30/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250924 1435y	VOA by 8260	ice / HCL	(3) 40ml vials	2801	ALS
——— 1436y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
250925 0830y	Perchlorate by 6850	"	(1) 125ml poly	021025-2ERD	ALS

LandFill Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250925 0831y	VOA/MTBE/8260 (TB)	ice/HCL	(2) 40ml vials	0102701K	HEAL
——— 0832y	EDB/DBCP/504.1 (TB)	ice/SoTh	(1) 40ml vial	N/A	"
——— 0833y	VOA/MTBE/8260	ice/HCL	(3) 40ml vials	0102701K	"
——— 0834y	" (Dupl.)	"	"	"	"
——— 0835y	EDB/DBCP/504.1	ice/SoTh	(2) 40ml vials	N/A	"
——— 0836y	SVOA/PAHs/Herb./8270	ice	(4) "	N/A	"
——— 0837y	PCBs by 8082	"	(2) 1L Ambers	90125-06	"

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/26/25 Dan Halvorsen 9-26-25

Landfill Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250925 1000y	Phenols by 420.1	ice/H_2SO_4	(2) 1L Ambers	90824-22	HEAL
——— 1040y	Cyanide by 335.3	ice/NaOH	(1) 500ml amber poly	N/A	"
——— 1320y	Metals (Ca, Mg, K, Na)	ice/HNO_3	(1) 250ml poly	"	"
——— 1321y	RADCM-Ra-226/228)	"	(2) 1L Polys	N/A	"
——— 1345y	TOC by 9060	ice/HCL	(2) 40ml vials	"	"
——— 1346y	Anions/TDS/Alk./PH	ice	(1) 1L HDPE	420525000	"
——— 1425y	" (Dupl.)	"	"	"	"
250926 0830y	NO_2/NO_3, TKN, NH_4 total N	ice/H_2SO_4	(1) 500ml poly	80425-04	"

*PPE used/required at this location included: gloves, hard hat, and safety sunglasses

Runs	1)	2)	3)	4)	5)	6)
	41.37	41.35	41.39	41.35	41.29	41.30
	64.88	64.88	64.95	64.95	64.99	64.93
	64.84	64.90	64.93	64.92	64.96	64.93
	41.37	41.38	41.41	41.35	41.32	41.28

	7)	8)	9)	10)	11)	12)
	41.28	41.25	41.22	41.16	41.15	41.13
	64.94	64.94	64.92	64.91	64.92	64.90
	64.90	64.92	64.92	64.93	64.89	64.93
	41.25	41.26	41.25	41.19	41.15	41.16

	13)	14)
	41.11	41.07
	64.90	64.92
	64.93	64.90
	41.08	41.10

Continued from page 45

Read and Understood By

Craig Del Fiemo 9/26/25 Peter W Munde 9-26-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/24/25 Page 1 of 2

Sample Location: 700-H-350

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607						Charge Number
Pertinent Notes (if any)										
250924 1340y (EB)	3	A	✓							XGMD
—— 1341y (EB)	1	A		✓						"
—— 1435y	3	A	✓							"
—— 1436y	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 Del Fiume	9/24/25 / 1520hrs.		[signature]	9-25-25 / 0905

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/25/25 Page 2 of 3

Sample Location: 700-H-350

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: Perchlorate	LF-8260	EDB/504.1	SVOA/8270				Charge Number
250925 0830y		1	A	✓							XGMD
0831y (TB)		2	A		✓						XPCC
0832y (TB)		1	A			✓					〃
0833y		3	A		✓						〃
0834y (Dupl.)		3	A		✓						〃
0835y		2	A			✓					〃
0836y		4	A				✓				〃

Sample Location: 700-H-350

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: PCBs	Phenols	Cyanide	Metals	Ra-226/228	TOC	Anions/TDS	Charge Number
250925 0837y		2	A	✓							XPCC
1000y		2	A		✓						〃
1040y		1	A			✓					〃
1320y		1	A				✓				〃
1321y		2	A					✓			〃
1345y		2	A						✓		〃
1346y		1	A							✓	〃
1425y Dupl.		1	A							✓	〃

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Favero	9/25/25 1530hrs.		Jon W Lund	9-26-25 0820

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

Dan Halvorsen & Craig Del Ferraro present. Weather is clear & hot. This zone will be sampled using 5 triple rinsed, stainless steel sample tubes. Gen. in use. Probe # 1539. Surface checks performed on probe prior to sampling. PPE required: gloves and safety sunglasses.

30 Min. Equipment blanks - Carboy 62

Sample	Analysis	Preservative	Container	Lot	Lab
250923 1335Y	VOA by 8260	ice / HCL	(3) 40ml vials	2801	ALS
——— 1336Y	Total Metals	ice / HNO_3	(2) 125ml polys	031725-2AES	"

Initial Parameters
Time - 250923 1400Y
PH - 8.45
Temp - 24.1°C
Cond - 710 us/cm
Turb - 1.07 NTU's
pH pre - 6.95 / 9.96 (32.5°C)
pH post - 6.95 / 9.98
DTW - 291.58 ft.
Atmos - 12.31 psia

Final
Time - 250924 1051Y
PH - 8.53
Temp - 23.2°C
Cond - 717 us/cm
Turb - 0.93 NTU's
pH pre - 7.05 / 10.04 (20.6°C)
pH post - 7.05 / 10.03
DTW - 291.65 ft.
Atmos - 12.34 psia
IDW - ½ gal.

Meter ID
pH/Cond - 15
Turb - 7
" std - 56.6 NT
" rdg - 58.4 NT
" lot - A502
" Exp - 9/30/25

Buffers	Lot	Exp
7	CC810372	9/
10	CC806765	7/

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250924 0950Y	VOA by 8260	ice / HCL	(3) 40ml vials	2801	ALS
——— 0951Y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
——— 0952Y	Total Metals	ice / HNO_3	(2) 125ml polys	031725-2AES	ALS
——— 1020Y	Anions/Alk.	ice	"	N/A	"
——— 1021Y	TDS by SM2540C	"	(1) 250ml poly	052024-2ERD	"
——— 1022Y	Perchlorate by 6850	"	(1) 125ml poly	021025-2ERD	"
——— 1023Y	NO_2/NO_3 by 353.2	ice / H_2SO_4	(1) "	021725-4ELR	"

Landfill Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250924 1024Y	VOA lMTBE/8260	ice / HCL	(3) 40ml vials	64324	HEAL
——— 1050Y	SVOA/PAHs/Herb./8270	ice	(4) "	N/A	"

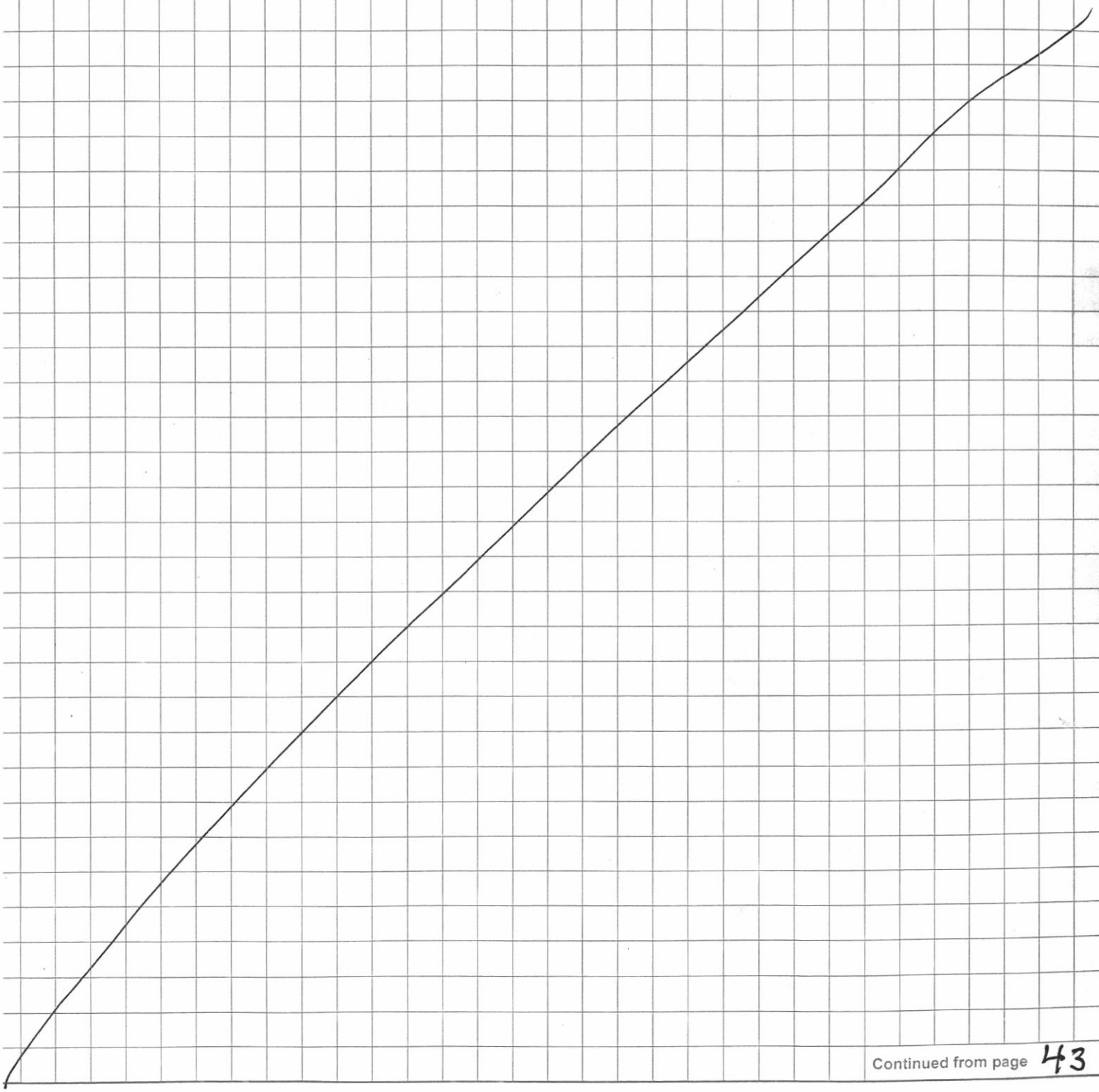
Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/24/25 Signed Date

Jon Munde 9-25-25 Signed Date

Runs	1)	2)	3)	4)
	122.01	122.00	121.94	121.88
	144.72	144.82	144.82	144.82
	144.70	144.80	144.79	144.82
	121.98	121.98	121.97	121.91



Continued from page 43

Read and Understood By

Craig Del Zenno 9/24/25 Ron Munds 9-25-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/24/25 Page 2 of 2

Sample Location: ~~700-535~~ 700-H-535

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals	Anions/Alk.	TDS	Perchlorate	NO2/NO3	Charge Number
250924 0950y	3	A	✓							XGMD
—— 0951y	1	A		✓						"
—— 0952y	2	A			✓					"
—— 1020y	2	A				✓				"
—— 1021y	1	A					✓			"
—— 1022y	1	A						✓		"
—— 1023y	1	A							✓	

Sample Location: 700-H-535

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: LF 8260	LF 8270	Charge Number
250924 1024y	3	A	✓		XPCC
—— 1050y	4	A		✓	"

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
Craig DelZenno	9/24/25 / 1115 hrs.	[signature]	9-25-25 / 0905

* 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 steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe # 1539. Surface checks performed on probe prior to sampling. PPE used/req. - gloves and safety sunglasses.

30 Min. Equipment blanks - Carboy G2

Sample	Analysis	Preservative	Container	Lot	Lab
250923 0925Y	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS

Initial Parameters
Time - 2509231000Y
PH - 8.69
Temp - 23.3°C
Cond - 688 us/cm
Turb - 2.05 NTU's
pH pre - 7.04/10.06 (18.3°C)
pH post - 7.03/10.06
DTW - 291.50ft.
Atmos - 12.36psia

Final
Time - 2509231059Y
PH - 8.63
Temp - 23.8°C
Cond - 680 us/cm
Turb - 1.84 NTU's
pH pre - 7.00/10.03 (26.0°C)
pH post - 6.98/10.02
DTW - 291.58ft.
Atmos - 12.38psia
IDW - 1/2 gal.

Meter ID
pH/Cond - 15
Turb - 7
" Std - 56.6 NTU's
" rdg - 58.4 NTU's
" lot - A5022
" Exp - 9/30/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250923 1025Y	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
—— 1026Y	607/Bromacil	ice	(1) 1L Amber	0119901J	SRL
—— 1027Y	Total Metals	ice/HNO_3	(2) 125ml polys	03[illegible]725-2HES	ALS
—— 1055Y	" (Dupl.)	"	"	"	"
—— 1056Y	Perchlorate by 6850	ice	(1) 125ml poly	081224-2ERD	"

Landfill Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250923 1057Y	VOA/MTBE/8260	ice/HCL	(3) 40ml vials	64324	HEAL
—— 1058Y	SVOA/PAHs/Herb/8270	ice	(4) 40ml vials	N/A	"

Runs	1)	2)	3)
	180.93	180.85	180.79
	203.03	203.00	203.00
	203.03	202.96	202.95
	180.96	180.84	180.81

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/23/25 Jon Munds 9-24-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/23/25 Page 1 of 1

Sample Location: 700-H-670

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	607	Total Metals	Perchlorate	LF 8260			Charge Number
250923 0925y (EB)	3	A	✓							XGMD
1025y	3	A	✓							"
1026y	1	A		✓						"
1027y	2	A			✓					"
1055y (Dupl.)	2	A			✓					"
1056y	1	A				✓				"
1057y	3	A					✓			XPGC

Sample Location: 700-H-670

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	LF 8270							Charge Number
250923 1058y	4	A	✓							XPCC

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Dalton	9/23/25 / 1130hrs		Jon Mumbo	9-24-25 / 0820

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

Robert Burrows & Tony Turner present. The weather is clear & warm. This well will be purged & sampled using a Dedicated Teflon Bladder pump. Samples collected from a Teflon discharge tube. Carboy 6-1

	Initial	Final
	250924 1420A	250924 1500A
pH	7.79	7.71
Temp	24.7	24.8
Cond	1519	1225
Turb	1.45	1.20
phpre	7.05/10.05	7.05/10.03
phpost	7.05/10.04	7.03/10.05
DTW		

METER ID's
pH/Cond # M
Turb # LP
" STD = 4.75
" Rdg = 4.45
" Lot # A5022
" Exp 9-30-25

Samples

Sample #	Analysis	Preserv	Cont	Lab
250924/1425A	8260	ICE/HCl	(3) 40ml VOA's	ALS
— 1426A	TIC (FB)	"	"	"
— 1427A	607	ICE	(1) LLT Amber	SMT
— 1428A	Perchlorate	"	(1) 125 ml poly	ALS
— 1429A	8260	ICE/HCl	(3) 40ml VIALS	HGAL
— 1430A	TIC (TB)	" (TB)	(2) 40ml VIALS	"
— 1431A	EDB/DBCP	ICE/$Na_2S_2O_3$	(2) "	"
— 1432A	" (TB)	"	(1) "	"
— 1433A	" (Dup)	"	(1) "	"
— 1434A	5UOA	ICE	(4) 40ml Amber VIALS	"
— 1435A	PCB's	"	(1) LLT Amber	"
— 1436A	Phenols	ICE/H_2SO_4	"	"
— 1437A	Cyanide	ICE/NaOH	(1) 500ml poly	"
— 1438A	METALS	ICE/HNO_3	(1) 250ml poly	"
— 1439A	" (Dup)	"	"	"
— 1440A	Ra226/228	"	(2) 1LT poly	"
— 1441A	TOC	ICE/HCl	(2) 40ml VIALS	"
— 1442A	Anions	ICE	(1) 1LT Poly	"
— 1443A	NO_2/NO_3 TKN Ammonia	ICE/H_2SO_4	(1) 500ml poly	"

Continued from page

9-24-25
Read and Understood By
T. D. — T. D. — Tom Mundle — 9-29-25
Date — Signed — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-24-25 Page 1 of 2

Sample Location: 700-J-200

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	8270	PFAS-DoD ATE	8260	EDB/DBCP			Charge Number
										XPCC 0GM0
250924 1425A	3		X							
1426A FB	3		X							
1427A	1			X						
1428A	1				X					
1429A	3					X				XPCC
1430A TB	2					X				"
1431A	2						X			"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	EDB/DBCP	SVOA	PCBs	PHENOLS	CYANIDE	METALS		Charge Number
										XPCC
1432A TB	1	A	X							
1433A Dup	1		X							
1434A				X						
1435A					X					
1436A						X				
1437A							X			
1438A								X		

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	9-24-25 / 1530			9-25-25 / 0905

* 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: 9-24-25 Page 2 of 2

Sample Location: 700-J-20d

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: METALS	RA226/228	TOC	ANIONS	NO2/NO3/NH3			Charge Number
250924/1439A			X							XPCC ~~XEnD~~
1440A				X						
1441A					X					
1442A						X				
1443A							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. D.	9-24-25 1530		Jon W Jaramillo	9-25-25 0905

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

Marcus Avalos & Frank Gallegos present. Weather is clear & hot. Parameters & samples will be collected from a dedicated sample port that will be flushed for at least one minute prior to collection. Carboy PF1.

Parameters	
Time	- 2509091245
PH	- 8.31
Temp	- 25.5 °C
Cond	- 1009 µs/cm
Turb	- 1.27 NTU
PH pre	- 6.99 - 10.00 (24.4 °C)
PH post	- 7.01 - 10.01

Meter ID	
PH/Cond. Plume Front	
Turb	=
= STD	- 9.579 NTU
= DSG	- 9.58 NTU
= LOT	- NA
= EXP	- 9/30/25

Buffers	lot	EXP
7	CC810372	9/26
10	CC806765	7/26

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
250909 1246	VOA by 8260 LL	HCl/Ice	(3) 40 mL vials	2801	ALS
1247	= (FB)	=	=	=	=
1248	607/Bromacil	Ice	(1) 1L Amber	01199015	SIZI
1249	Low Level NOMA	=	=	=	=
1250	= (FB)	=	=	=	=

Continued from page

Read and Understood By

MAG 9/9/25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/9/25 Page 1 of 1

Sample Location: B650 . Eff . 1

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	VOA 8260	LL-VOA 8260LL	NDMA/DMN/BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number
2509091246	3	~~A~~			X					XGMD
1247 (FB)	3	A			X					
1248	1	A				X				
1249	1	A					X			
1250 (FB)	1	A					X			

Sample Location:

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	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]	9/9/25 @ 1330	[signature]	9-10-25 / 0835

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

Marcos Avalos + Frank Gallegos present. Weather is . Parameters + Samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy PF1.

Parameters		Meter ID		Buffers	lot	Exp
Time	- 2509041300	PH/Cond - PlomeFront		7	CC810372	9/26
PH	- ~~8.27~~ MA 7.53	Turb - :-		10	CC806765	7/26
Temp	- 25.3 °C	: STD - 9.59 NTU				
Cond	- 987 uS/cm	: ROG - 9.58 NTU				
Turb	- 0.28 NTU	: LOT - NA				
PH pre	- 7.01/10.00 (24.8°C)	: EXP - 9/30/25				
PH post	- 7.00/10.01					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2509041301	VOA by 8260	HCl/Ice	(3)40 ml vials	2801	ALS
— 1302	= (FB)	=	:	:	:
— 1303	607/Bromacil	Ice	(1)1L Amber	01199015	SRI

Continued from page

Read and Understood By

Signed — Date 9/9/25

Signed — Date 9-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/9/25 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/DMN/ BROMACIL 607 LOW LEVEL NDMA	TOTAL METALS	ANIONS / ALK	TDS SM2540C	Charge Number: XGMD
2509091301	3	A	X						
1302 (FB)	3	A	X						
1303	1	A			X				

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 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:
MJ Ed	9/9/25 @ 1330	Jon W Munch	9-10-25 / 0835

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

Marcus Avalos & Frank Gallegos present. Weather is . Parameters, ~~turb~~ NA & samples will be collected from a dedicated sample port that will be flushed at least one minute prior to collection. Carboy PF1.

Parameters		Meter ID		Buffers	lot	Exp
Time	- 250910 1243	pH/Cond · Plume Front		7	CC810372	9/26
pH	- 8.44	Turb · =		10	CC806765	7/26
Temp	- 28.1°C	= STD - 9.59 NTU				
Cond	- 1054 µS/cm	= ROC - 9.64 NTU				
Turb	- 0.33 NTU	= LOT - N/A				
pHpre	- 6.99/10.01 (27.1°C)	= Exp - 9/30/25				
pHpost	- 7.00/10.00					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
250910 1245	VOA by 8260LL	HCl/Ice	(3) 40 ml vials	2801	ALS
— 1246	= (FB)	=	=	=	=
— 1247	607/Bromacil	Ice	(1) 1L Amber	0119901FS	SRI
— 1248	Low Level NOMA	=	=	=	=
— 1249	= (FB)	=	=	=	=

Continued from page

Read and Understood By

MA Signed 9/10/25 Date

Signed 9-11-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/10/25 Page 1 of 1

Sample Location: B655 · Eff · 2

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
250910245	3	A		X					XGMD
1246 (FB)	3			X					
1247	1				X				
1248	1					X			
1249 (FB)	1					X			

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:
[signature]	9/10/25 @ 1330	[signature]	9-11-25 / 0815

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

Marcus Avalos & Frank Gallegos present. Weather is . Parameters & Samples will be collected from a dedicated sample port that will be flushed for at least one minute prior to collection. Carboy PF1.

Parameters
Time - 2509101254
PH - 7.19
Temp - 25.3°C
Cond - 1083 uS/cm
Turb - 0.24 NTU
PH pre - 6.98/10.01 (27.2°C)
PH post - 6.99/10.00

Meter ID
PH/Cond - Plume Front
Turb - "
= STD - 9.59 NTU
= BKG - 9.64 NTU
= LOT - NA
= EXP - 9/30/25

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

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
2509101255	VOA by 8260	HCl/Ice	(3)40 ml vials	2801	AS
— 1256	= (FB)	=	=	=	=
— 1257	607/Bromacil	Ice	(1)1L Amber	0119901J	SET

Continued from page

Read and Understood By

Signed — Date 9/10/25

Signed — Date 9-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/10/25 Page ____ of ____

Sample Location: B655 · Inf · 2

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
2509101255	3	A	X						XGMD
1256. (FB)	3	A	X						
1257	1	A			X				

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:
[signature]	9/10/25 @ 1330		[signature]	9-11-25 / 0815

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

Al Montes & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using a non DEHP discharge hose. Carboy G3 in use.

Initial Parameters	Final	Meter ID
Time - 250917 0935C	Time - 250917 0940C	pH/Cond - 18
PH - 7.57	PH - 7.65	Turb - 20
Temp - 22.5°C	Temp - 22.4°C	" std - 9.48 NTU's
Cond - 1285 us/cm	Cond - 1279 us/cm	" rdg - 9.60 NTU's
Turb - 0.54 NTU's	Turb - 0.48 NTU's	" lot - A5022
pH pre - 7.05/10.07 (18.4°C)	pH pre - 7.03/10.06 (19.3°C)	" Exp - 9/30/25
pH post - 7.04/10.07	pH post - 7.04/10.05	

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250917 0936C	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
——— 0937C	" (FB)	"	"	"	"
——— 0938C	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
——— 0939C	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	ALS

*PPE required/used at this well: gloves and safety sunglasses.

Initial DTW: 516.00ft. Total gallons purged: 2

Continued from page N/A

Read and Understood By

Craig Del Ferro 9/17/25 Jon Munck 9-18-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/17/25 Page 1 of 1

Sample Location: BLM-5-527

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals				Charge Number
250917 0936C	3	A	✓						XGMD
0937C (FB)	3	A	✓						"
0938C	1	A		✓					"
0939C	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 Tecmo	9/17/25 / 1025hrs.		Jon W Jmmel	9-18-25 / 0800

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

Robert Burrows & Tony Torres present. Weather is warm and Partly Cloudy. This well will be purged using a dedicated bladder and Sampling Also. Sampling will be Collected using a new New DEHP discharge Hose. Carboy G-3 in use.

Parameters	Final Parameters	Meter ID
Time - 250912 0914C	Time - 250912 0928C	PH/Cond - 18 #
PH - 7.84	PH - 7.72	Turb - 20 #
Temp - 22.2 (°C)	Temp - 22.8 (°C)	Std - 9.48 (mS/cm)
Cond - 1300 (uS/cm)	Cond - 1306 (uS/cm)	Rdg - 8.26 (mS/cm)
Turb - 0.47 (mS/cm)	Turb - 0.33 (mS/cm)	Lot # - A-5822
PH Pre - 7.04 / 9.95 (21.0 °C)	PH-Pre - 7.08 / 9.98 (24.0 °C)	Exp - 9/31
PH Post - 7.08 / 9.98 (23.2 °C)	PH-Post - 7.13 / 9.98 (24.1 °C)	
DTW - 499.10 (Ft)	IDW - 2.0 gals.	

Samples

Sample #	Analysis	Preservative	Container	Lot #	Lab
250912 0920C	VOA by 8260 22	HCl/ICE	(3) 40 ml VIALS	2801	ALS
—— 0921C	" " (FB)	" "	(3) " "	" "	" "
—— 0922C	Low level NDMA	ICE	(1) 1L Amber	119901	SAS
—— 0923C	" " (FB)	" "	(1) " "	" "	" "

Continued from page N/A

Read and Understood By

Robert Burrows 9-12-25 Peter Munch 9-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-12-25 Page 1 of 1

Sample Location: BLM 7 - 509

Pertinent Notes (if any)

TASK memo - 15232

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Isotopic 8260LL	Analytical Requirement: Low Level VOCs						Charge Number
										X 602 ~~X GRO RB~~
250912 0920 C	3	A	X							↓
0921 C (FB)	3	↓	X							
0922 C	1			X						
0923 C (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:
Robert Burrows	9-12-25 / 10:25			

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

Matt Garcia and Dan Halvorsen present. Weather is partly cloudy and hot. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new Tygon discharge hose.
CARBOY G1

Parameters	Final Parameters	Meter ID
Time = 250902 1430 A	250902 1450 A	pH/COND = 18
pH = 7.58	7.51	TURB = 20
Temp = 24.6° C	24.6	DO = 9.48
Cond = 1019 us/cm	1013	ORP = 9.51
TURB = 2.50 ntu's	2.39	LOT = A5022
pHPre = 7.03-9.99	7.01-10.02	Exp = 9/25
pHPost = 7.01-9.96	7.01-10.03	
DTW = 378.55 ft.	378.72	

Flow = 2 gal.

SAMPLES

Sample #	Analysis	Preservative	Container	Lot	Lab
250902 1435 A	VOA by 8260	Ice/HCl	(3) 40 ml Vial	2501	ALS
1436 A	" " (Dup)	"	"	"	"
1437 A	" " (FB)	"	"	"	"
1438 A	NDMA LL	Ice	(1) 1L Amber	1145901	SRL
1439 A	" " (FB)	"	"	"	"
1440 A	Total metals	Ice/HNO3	(2) 125 ml Poly		ALS

Continued from page

Read and Understood By

Signed

9-2-2025
Date

Signed

9-3-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-2-2025 Page _____ of _____

Sample Location: BCM-9-419

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	UDMH & LL	Metals					Charge Number
										XGMD
250902 1435 A	3	A	X							
1436 A (DUP)	3		X							
1437 A (FB)	3		X							
1438 A	1			X						
1439 A (FB)	1			X						
1440 A	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:
	9-2-2025 1520			9-3-25 / 0820

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

WSTF 381C (05/2016)

Al Mootes & Dan Halvorsen present. Weather is clear and hot. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new Non DEHP discharge hose. Carboy G2.

Parameters	Final Parameters	meter ID
Time = 250908 1400 c	250908 1450 c	PH/COND = 17
PH = 8.13	8.08	TURB = 6
TEMP = 26.3°C	26.4	STD = 4.79
COND = 786 us/cm	2.81	ROS = 41.83
TURB = 3.12 NTUs	2.09	LOT = A50022
PH PRE = 6.89-10.01	6.98-9.97	EXP = 9/25
PH POST = 7.01-10.01	6.98-9.98	
DTW = Transducer		IDW = 2 gal.

SAMPLES

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
250908 1405 c	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2801	ALS
1406 c	" " (FB)	"	"	"	"
1407 c	NDMA/DMA Bromacil by 607	Ice	(1) 1L Amber	119901	SRL
1408 c	" " (Dup)	"	"	"	"
1409 c	Total metals	Ice/HNO3	(2) 125 ml Poly	031725	ALS
1410 c	Anions/NIX	Ice	"	N/A	"
1411 c	TDS	"	(1) 250 ml Poly	"	"
1412 c	Perchlorate	"	(1) 125 ml Poly	"	"
1413 c	NO2/NO3	Ice/H2SO4	"	"	"
1414 c	NDMA LL	Ice	(2) 1L Amber	119901	SRL
1415 c	" " (FB)	"	"	"	"

Continued from page

Read and Understood By

9-8-2025

9-9-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-8-2025 Page _____ of _____

Sample Location: BLM-42-569

Analytical Requirement

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	VOA	607	NDMA, 42	Metals				Charge Number
250908 1405 c		3	A	X							XGMD
1406 c	FB	3		X							
1407 c		1			X						
1408 c	Dup	1			X						
1414 c		1				X					
1415 c	FB	1				X					
1409 c		2					X				

Sample Location:

Analytical Requirement

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Anions / Alk	TDS	Perchlorate	NO3 / NO2				Charge Number
250908 1410 c		2	A	X							XGMD
1411 c		1			X						
1412 c		1				X					
1413 c		1					X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	9.8.2025 1500			9-9-25 / 0815

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

Al montes & Dan Halvorsen present. Weather is clear and warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new Non DEHP discharge hose. Carboy G2.

Trip Blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
250908 0720 c	Voa by 8260 LL	Ice/Hcl	(3) 40 ml Vial	2801	ALS
—— 0721 c	NOMA LL	Ice	(1) 1L Amber	119901	SRL

Parameters	Final Parameters	meter ID
Time = 250908 0940 c	250908 1010 c	pH/Cond = 17
pH = 7.92	7.86	Turb = 6
Temp = 25.4°C	25.3	SID = 41.79
Cond = 782 us/cm	7.79	ROG = 4.83
Turb = 2.34 ntu's	2.19	Lot = A5022
pHPre = 7.08-10.04	7.05-10.04	Exp = 9/25
pHPost = 7.07-10.04	7.05-10.03	
DTW = Transducer	Transducer	

EDW = 3.5 gal.

Samples

Sample #	Analysis	Preserve	Container	Lot	Lab
250908 0945 c	Voa by 8260 LL	Ice/Hcl	(3) 40 ml Vial	2801	ALS
—— 0946 c	" " (FB)	"	"	"	"
—— 0947 c	NOMA (DNA Bromacil by (60)	Ice	(1) 1L Amber	119901	SRL
—— 0948 c	" " (MS)	"	"	"	"
—— 0949 c	NOMA LL	"	"	"	"
—— 0950 c	" " (FB)	"	"	"	"
—— 0951 c	Total metals	Ice/HNO3	(2) 125 ml Poly	03725	ALS
—— 0952 c	Anions/Alk	Ice	(2) "	N/A	"
—— 0953 c	TDS	"	(1) 250 ml Poly	"	"
—— 0954 c	Perchlorate	"	(1) 125 ml Poly	"	"
—— 0955 c	No2/No3	Ice/H2SO4	"	"	"

Continued from page

Read and Understood By

9-8-2025

9-9-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-8-2025 Page _____ of _____

Sample Location: Rm. 42-709

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	VOA	LO7	UDMH LL					Charge Number
										XGMD
250908 0720 c TB	3	D	X							
0945 c	3		X							
0946 c FB	3		X							
0947 c	1			X						
0948 c MS	1			X						
0721 c TB	1				X					
0949 c	1				X					

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	UDMH LL	Metals	Anions (CIIK	TDS	Perchlorate	NO2 /NO3		Charge Number
										XGMD
250908 0950c 0944 c FB	1	D	X							
0951 c	2			X						
0952 c	2				X					
0953 c	1					X				
0954 c	1						X			
0955 c	1							X		

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	9-8-2025 1045			

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

Al Montes & 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 hose. Due to rapid draw-down, this well will be a modified sampling event. Carboy G3 in use.

Initial Parameters
Time - 250917 1350C
PH - 7.80
Temp - 24.2°C
Cond - 1485 us/cm
Turb - 1.36 NTU's
pH pre - 7.02/9.98 (28.5°C)
pH post - 7.01/9.98

Final
Time - 250917 1356C
PH - 7.90
Temp - 24.0°C
Cond - 1473 us/cm
Turb - 1.20 NTU's
pH pre - 6.98/9.96 (30.0°C)
pH post - 6.99/9.96

Meter ID
pH/Cond - 18
Turb - 20
" std - 9.48 NTU's
" rdg - 9.60 NTU's
" lot - A5022
" Exp - 9/30/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250917 1351C	VOA by 8260	ice/HCL	(3) 40ml vials	2801	ALS
—— 1352C	" (FB)	"	"	"	"
—— 1353C	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
—— 1354C	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	ALS
—— 1355C	" (Dupl.)	"	"	"	"

* PPE required/used at this well: gloves and safety sunglasses.

Initial DTW: 166.83ft. Total gallons purged: 1/4 gal.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/17/25

Jon Munch 9-18-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9.17.25 Page 1 of 1

Sample Location: BW.1.268

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	TOTAL METAL					Charge Number
250917 1351C	3	A	X							XGMD
1352C (FB)	3	A	X							4
1353C	1	A		X						4
1354C	2	A			X					4
1355C (DUP)	2	A			X					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 Dalton	9-17-25 / 1430hrs.		Pam Miranda	9-18-25 / 0800

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

Matt Garcia & 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 Tygon discharge hose. Carboy G1

Parameters		Final Parameters	Meter ID
Time	=250903 0930A	250903 1000A	PH/Cond = 17
PH	= 8.30	8.29	Turb = 16
Temp	= 22.2°C	22.3	STD = 4.79
Cond	= 1401 us/cm	1419	RDG = 4.73
Turb	= 4.77 ntu's	4.71	Lot = A5022
PH Pre	= 7.02-10.05	7.03-10.02	Exp = 9/25
PH Post	= 7.02-10.06	7.02-10.04	
BTW	= 196.90 ft.	196.97	

IDW = 1.5 gal.

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
250903 0935A	VOA by 8260	Ice/HCl	(3) 40 ml Vials	2801	ALS
—— 0936A	" " (FB)	"	"	"	"
—— 0937A	NDMA/NDMN Bromacil by 607	Ice	(1) 1L Amber	119901	SRL
—— 0938A	SVOA by 8270	"	(2) 500 ml Amber		ALS
—— 0939A	Total metals	Ice/HNO3	(2) 125 ml Poly	031725	"
—— 0940A	Anions/Alk	Ice	(2) "		"
—— 0941A	TDS	"	(1) 250 ml Poly		"
—— 0942A	Perchlorate	"	(1) 125 ml Poly		"
—— 0943A	NO2/NO3	Ice/H2SO4	"		"

Continued from page

Read and Understood By

Signed

9-3-2025
Date

Signed

9-4-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-3-25 Page _____ of _____

Sample Location: BW-4-330

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA	LL07	SVOA	Metals	Anions/Alk	TDS		Charge Number
										XGMD
250930935A	3	A	X							
0936A FB	3		X							
0937A	1			X						
0938A	2				X					
0939A	2					X				
0940A	2						X			
0941A	1							X		

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Perchlorate	NO3/NO2						Charge Number
250930942A	1	A	X							
0943A	1			X						

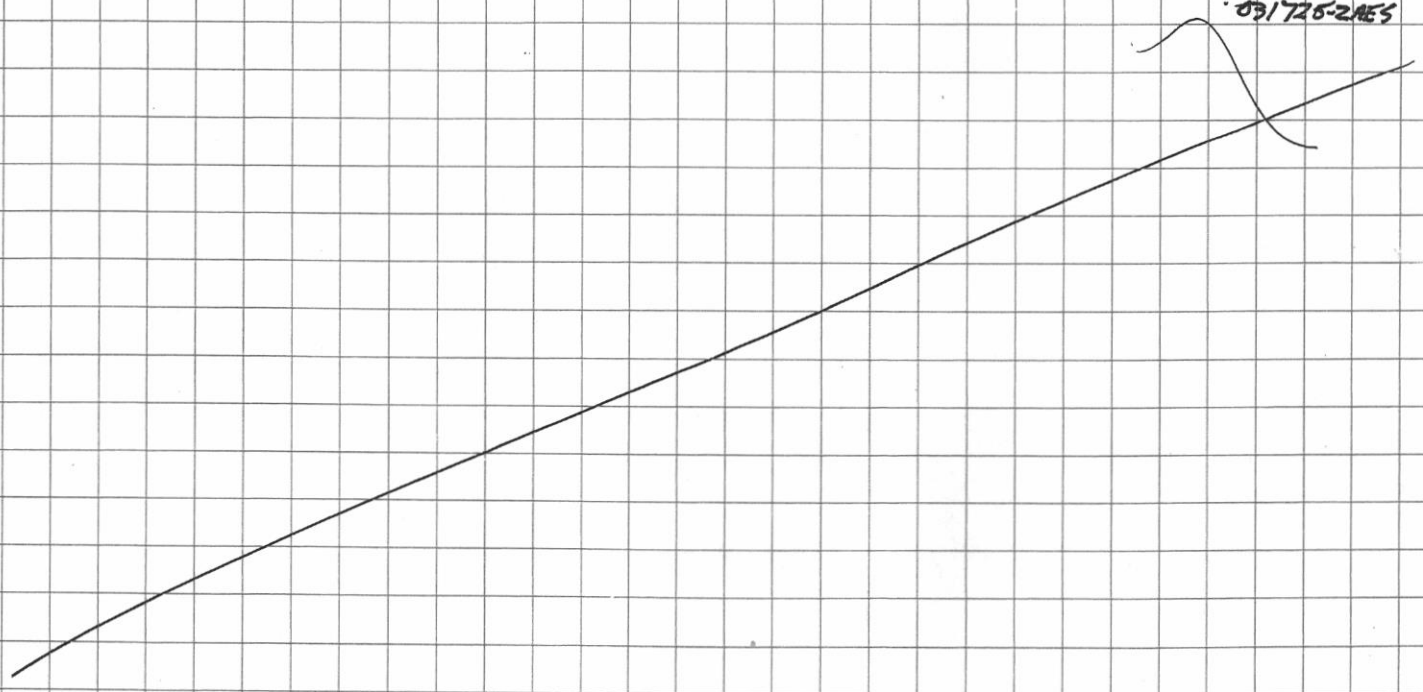
Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	9-3-2025 1030			9-4-25 /0811

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

Robert Burrows & Matt Garcia present. Weather is warm & Hazy & Partly cloudy. This well will be purged using a dedicated bladder pump and discharge Hose for Collecting Samples. Carboy G-1 in use, PPE in use is Safety glasses and Chemsoft Nitrile gloves.

Parameters	Final Parameters	Meter ID
Time - 250916 0858 A	Time - 250916 0918 A	PH/Cond - #1
pH - 7.93	pH - 7.57	Turb - 6#
Temp - 21.6 (°C)	Temp - 22.3 (°C)	Std. - 4.79 (ntus)
Cond - 1276 (uS/cm)	Cond - 1269 (uS/cm)	Rdg. - 4.80 (ntus)
Turb - 9.55 (ntus)	Turb - 1.38 (ntus)	Lot# - A5027
pH-Pre - 7.22/10.04 (19.6°C)	pH Post - 7.25/10.02 (20.3°C)	Exp - 9/30
pH Post - 7.26/10.06 (20.1°C)	pH Post - 7.26/10.02 (21.9°C)	
DTW - 245.55 (ft)	IDW - 2.0 gals.	

Samples	Analysis	Preservatives	Containers	Lot#	Lot#
250916 0912 A	VOA by 8260	HCl/ICE	(3) 40 ml vials	2801	A2
——— 0913A	" " (MS)	" "	(3) " "	" "	"
——— 0914A	" " (FD)	" "	(3) " "	" "	"
——— 0915A	NWMA/OMW/Bromacil by 607	ICE	(1) 1L amber	01199015	SP
——— 0917A	Total Metals	HNO3/ICE	(2) 125 ml poly	OHARB 031725-2AES	AL



Continued from page N/A

Read and Understood By

Robert Burrows — 9-16-25 — D Wiley — 9/16/25

Signed — Date — Signed — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-16-25 Page 1 of 1

Sample Location: BW-6-355

Pertinent Notes (if any)

Task memo - 15210

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA by 8260	Bromacil via GMS/DMS/by 607	Total metals					Charge Number
										XGMD
250916 0912A	3	A	X							↓
0913A (MS)	3	↓	X							
0914A (FB)	3		X							
0915A	1			X						
0917A	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:
Robert Barrows	9-16-25 / 10:55		[signature]	9-17-25 / 0810

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

ROBERT BURROWS & TONY TINKER PRESENT. THE WEATHER IS CLEAR WARM. SAMPLING & PURGE BY A DEDICATED TEFLON BLADDER PUMP. SAMPLES COLLECTED FROM A TEFLON DISCHARGE TUBE. CANBOY 6.1

INITIAL	FINAL	METER ID's
250923 1415A	1430A	pH/COND 17
pH 7.46	7.59	TURB 6
TEMP 25.2°C	24.9	" STD
COND 1277 MS/CM	1276 MS/CM	" ORP
TURB 4.63	4.10 NTUs	" DO FT
PH PRE 7.15/10.03 (26.5)	7.00/10.03 (26.8)	" EXP
PH POST 7.00	7.00/10.01	

TOTAL DEPTH = 135.24
INITIAL DTW = 111.10
3 CASING VOL. = 12 GALLONS
PURGE RATE = 0.25 GPM
PURGE START = 1355
PURGE STOP = 1500

SAMPLES

SAMPLE #		ANALYSIS	PRESERV	CONT	LAB
250923	1420A	8260B	HCL	(3) 40ml VIALS	ALS
"	1421A	" (FB)	"	"	"
"	1422A	6010	ICE	(1) LT AMBER	SAT
"	1423A	TOTAL METALS	ICE/HNO3	(2) 125ml POLY	ALS
"	1424A	TDS	ICE	(1) 250ml POLY	"
"	1425A	TKN	ICE/H2SO4	(1) 125ml POLY	"
"	1426A	CHLORIDE	"	(1) 250ml POLY	"
"	1427A	NO2/NO3	ICE/H2SO4	(1) 125ml POLY	"

BLIND CONTROLS

SAMPLE #		ANALYSIS	PRESERV	CONT	LOT #	LAB
250923	1450A	8260	HCL	(3) 40ml VIALS	250D054A	ALS
"	1451A	6010	ICE	(1) LT AMBER	250D054C	SAT
"	1452A	TOTAL METALS	ICE/HNO3	(2) 125ml POLY	250D054C	ALS

Continued from page

Read and Understood By

9-28-25 Date

Tom Mundle 9-24-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-23-25 Page 1 of 1

Sample Location: NASA 5

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260	607	Total Metals	TDS	TRN	Chloride		Charge Number
										X002/X6MD
250925 1420A	3	A	X							XGMD
— 1421A (FB)	3		X							"
— 1422A	1			X						"
— 1423A	2				X					"
— 1424A	1					X				X002
— 1425A	1						X			"
— 1426A	1							X		"

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	NO2/NO3	8260	607	Total Metals				Charge Number
— 1427A	1		X	X						X002
— 1450A (BC)	3			X						XGMD
— 1451A (BC)	1				X					"
— 1452A (BC)	2					X				"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	9-23-25 / 1530			9-24-25 / 0820

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

ROBERT BARROWS & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A DEDICATED TEFLON BLADDER PUMP. SAMPLES COLLECTED FROM A TEFLON DISCHARGE TUBE. CANBY 6-1 APPARENTLY I DIDN'T USE THE CORRECT BOTTLE SIZE FOR CHLORIDES

TOTAL DEPTH	133.56 FT
INITIAL DTW	109.80 FT
3 CASING VOL	12 GALLONS
PURGE RATE	0.25
PURGE START	0810
PURGE STOP	

METERS

pH/COND #	18
TURB #	20
" STD	9.48
" RDG	10.40
" LOT #	A5022
" EXP	9/30/25

	INITIAL	FINAL
	250923 0900A	250923 0930A
pH	8.76	8.68
TEMP	24.0	24.3
COND	793	788
TURB	2.25	2.15
PHPRE	7.04/10.00(19.0)	7.04/10.01
PHPOST	7.04/10.00	7.00/10.02
DTW	109.80	109.84

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
250923 0901A	8260	HCl/Methanol	(3) 40 mL VOAs	ALS
— 0902A	" (FB)	"	"	"
— 0903A	" (Dup)	"	"	"
— 0904A	6007	ICE	(1) 1LT Amber	"
— 0905A	TOTAL METALS	HNO3/Filtered	(2) 125 ml poly	"
— 0906A	ANIONS/ALK	ICE	"	"
— 0907A	PERCHLORATE	"	(1) "	"
— 0908A	TDS	"	(1) 250 ml poly	"
— 0909A	TKN	ICE/H2SO4	(1) 125 ml poly	"
— 0910A	CHLORIDE	ICE	"	"
— 0911A	NO2/NO3	ICE/H2SO4	"	"

SAMPLER HAD OFF REPELLANT ON.

Continued from page

Read and Understood By

TJ 9-23-25 Pam Munds 9-24-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-23-25 Page 1 of 1

Sample Location: NASA 10

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	607	Total Metals	Anions/Alk	Perchlorate			Charge Number
										X002 X6mD
250923 0901 A	3		X							
0902 A (FB)	3		X							
0903 (Dup)	3		X							
0904 A	1			X						
0905 A	2				X					
0906 A	2					X				
0907 A	1						X			

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	TDS	TKN	Chloride	NO2/NO3				Charge Number
										X002
0908 A	1	A	X							
0909 A	1	A		X						
0910 A	1	A			X					
0911 A						X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Robert Romero	9/23/25 / 9:48			9-24-25 / 0820

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

PROJECT PL-2-504 WJI ENV-0053 9/16/25

Notebook No. D32 #139 (C)
Continued from page N/A

Al Montes & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using non DEHP tubing material. Carboy G3 in use.

Initial Parameters
Time - 250916 1345C
PH - 7.82
Temp - 24.8°C
Cond - 1212 us/cm
Turb - 0.78 NTU's
pH pre - 6.96/9.98 (31.1°C)
pH post - 6.95/9.98

Final
Time - 250916 1351C
PH - 7.89
Temp - 25.2°C
Cond - 1203 us/cm
Turb - 0.73 NTU's
pH pre - 6.94/9.96 (33.4°C)
pH post - 6.95/9.98

Meter ID
pH/Cond - 18
Turb - 20
" std - 9.48 NTU
" rdg - 9.58 NTU
" lot - A5022
" Exp - 9/30/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250916 1346C	VOA by 8260 ~~8E~~ CO	ice/HCL	(3) 40ml vials	2801	ALS
" 1347C	" (FB)	"	"	"	"
" 1348C	607/Bromacil	ice	(1) 1L Amber	0119901J	SRI
" 1349C	Low Level NDMA	"	"	"	"
" 1350C	" (FB)	"	"	"	"

* PPE required/used at this well: gloves and safety sunglasses.

Initial DTW: 485.00 Ft. Total gallons purged: 2

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/16/25 B-151 Tom Murdoch 9-17-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9.16.25 Page 1 of 1

Sample Location: PL-2-504

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	LL 2DMA					Charge Number
850916 1346C	3	A	x							XGMD
1347C (FB)	3	A	x							"
1348C	1	A		x						"
1349C	1	A			x					"
1350C (FB)	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:
Craig DelTorro	9.16.25 / 1430hrs.			9-17-25 / 0810

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

Matt Garcia & 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 Tygon tubing. Carboy GI

Trip Blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
250902 0710 A	VOA by 8260	HCl/HCl	(3) 40 ml Vial	2801	ALS
— 0711 A	NDMA LL	Ice	(1) 1L Amber	11990	SRT

Parameters	Field Parameters	Meter ID
Time = 250902 0945 A	250902 1015 A	pH/Cond = 18
pH = 7.40	7.32	Turb = 20
Temp = 22.4 °C	22.3	DO = 9.48
Cond = 1357 µS/cm	1363	ORP = 9.52
Turb = 0.74 NTU's	0.68	Lot = A.5022
pHpre = 7.10 - 10.11	7.05 - 10.07	Exp = 9/25
pHpost = 7.01 - 10.07	7.04 - 10.06	
DTW = 456.10 ft.	456.29 ft	IDW = 2 gal.

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
250902 0950 A	VOA by 8260	HCl/HCl	(3) 40 ml Vial	2801	ALS
— 0951 A	" " (FB)	"	"	"	"
— 0952 A	NDMA LL	Ice	(1) 1L Amber	11990	SRT
— 0953 A	" " (Dup)	"	"	"	"
— 0954 A	" " (FB)	"	"	"	"

Continued from page

Read and Understood By

9-2-2025 Dan Halvorsen 9-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-2-2025 Page _____ of _____

Sample Location: PL-4 464

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: NDMA LL						Charge Number
										XGMD
250902 0710 A TB	3	D	X							
0950 A	3		X							
0951 A FB	3		X							
0711 A TB	1			X						
0952 A	1			X						
0953 A DUP BS	1			X						
0954 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:
[signature]	9.2.2025 1045		[signature]	9-3-25 / 0820

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

M Montes & Dan Halvorsen present. Weather is clear, breezy and hot. This well will be sampled using 5 triple rinsed stainless steel sampling tubes. Surface checks performed on Probe #1539 prior to sampling. Generator in use

30 minute Equipment blank

Sample #	Analysis	Preserve	Container	Lot	LAB
509111345 y	VOA by 8260 LL	Ice/HCl	(3)40 ml Vial	2801	ALS
— 1346 y	NORM LL	Ice	(1)1L Amber	119901	SRL

Initial Parameters	Final Parameters	Meter ID
Time = 2509111426 y	2509/5 1045 y	PH/COND = 7
pH = 8.45	8.51	TURB = 15
Temp = 25.0 °C	25.3	SOD = 56.6
COND = 7584 µS/cm	765 uS/cm	ROG = 56.2
TURB = 3.21 NTUs	3.11 NTUs	Lot = 95022
ROG = 6.99-10.01	7.05-10.11	Exp = 9/25
SOD = 6.99-10.02	7.07-10.09	
PRESS = 12.58 psig	12.52 psig	
TW = 460.41 °R	460.45	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	LAB
509111500 y	VOA by 8260 LL	Ice/HCl	(3)40 ml Vial	2801	ALS
— 150830 y	NORM LL	Ice	(1)1L Amber	119901	SRL
— 1501 y	SUBC-SIM	"	(1)250 ml Amber	N/A	ALS

9-15-25

PRESS:	1)	2)	3)	4)	5)	6)
	14.50	14.46	14.48	14.42	14.44	14.44
	20.35	20.35	20.35	20.35	20.34	20.34
	20.37	20.38	20.36	20.31	20.35	20.37
	14.50	14.48	14.49	14.45	14.45	14.45

Continued from page

Read and Understood By

T. Kanzl 9-15-25 Lori Munch 9-16-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-11-2025 Page _____ of _____

Sample Location: PL-8-455

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	VOA	SVOC-SIM	NDMA LL					Charge Number
										XGMD
250911345 EB	3	A	X							
1500	3		X							
1346 EB	1				X					
1501	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:
	9-11-2025 1515			9-12-25 0800

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

WSTF 381C (05/2016)

At monitor well Dan Halvorsen present. Weather is clear and hot. This well will be sampled using 5 triple rinsed stainless steel sampling tubes Surface Checks Performed on Probe #1539, prior to Sampling. Generator in use.

Trip Blanks

Sample #	Analysis	Preserve	Container	LOT	LAB
250911 0710 y	VOA by 8260 LL	HCl/HCl	(3) 40 ml Vial	2801	ALS
—— 0711 y	NDMA LL	Ice	(1) 1L Amber	119901	SRL

30 minute Equipment Blanks

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
250911 0900 y	VOA by 8260 LL	HCl/HCl	(3) 40 ml Vial	2801	ALS
—— 0901 y	NDMA LL	Ice	(1) 1L Amber	119901	SRL

Initial Parameters	Final Parameters	Meter ID
Time = 250911 0946 y	250911 1045 y	PH/COND = 15
PH = 8.51	8.48	TURB = 7
TEMP = 24.0°C	23.8	DO = 54.6
COND = 1052 us/cm	1056	ORP = 54.1
TURB = 2.49 ntu's	2.58	LOT = A5022
PH PRE = 7.03-10.05	7.01-10.03	EXP = 9/25
PH POST = 7.01-10.06	7.02-10.03	
ATMOS = 12.58 psia	12.58 psia	
DTW = 460.35 ft.	460.41 ft.	TOW = 1/2 gal.

SAMPLES

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
250911 1010 y	VOA by 8260 LL	HCl/HCl	(3) 40 ml Vial	2801	ALS
—— 1011 y	NDMA/DMN Bromacil by 6007	Ice	(1) 1L Amber	119901	SRL
—— 1037 y	NDMA LL	"	"	"	"
—— 1038 y	SVOA-SIM	"	(1) 250 ml Amber	N/A	ALS

Runs-	1)	2)	3)	4)
	80.10	80.08	80.06	80.03
	85.32	85.27	85.27	85.26
	85.28	85.28	85.25	85.25
		80.07	80.07	80.02

Continued from page

Read and Understood By

9-11-2025 Date

9-12-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-11-2025 Page _____ of _____

Sample Location: PL-8-605

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: U02	NDMA LL	607	SUBC-SIM				Charge Number: XGMD
250911 0710 4	TB	3	A	4							
0711 4	TB	1			4						
0900 4	EB	3		4							
0901 4	EB	1			4						
1010 4		3		4							
1011 4		1				4					
1037 4		1			4						

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: SUBC-SIM							Charge Number: XGMD
250911 0384		1	A	4							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	9-11-2025 1515			9-12-25 / 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 & warm. This well will be purged & sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 minutes until 4 gallons has been collected. Purge pressure set @227 psi and sample pressure set @ 205 psi. Bubbler set @ 3 psi and stable @ 8 psi. The first 350ml collected just prior to sampling will be discard

Pre-parameters
Time - 250903/2210.B
PH - 8.59
Temp - 22.9°C
Cond - 1062 us/cm
pH pre - 7.02/10.01 (25.7°C)
pH post - 7.03/10.00
Turb - 1.91 NTU's

Parameters
Time - 250903/2230B
PH - 8.64
Temp - 23.1°C
Cond - 1074 us/cm
Turb ~~1.71 NTU's~~ 7.01/10.01 (26.0°C) co
pH pre - 7.01/10.01 (26.0°C)
pH post - 6.99/10.02

Meter ID
PH/Cond - 18
Turb - 20
" Stcl - 9.48 NTU
" rdg - 9.60 NTU
" lot - A5022
" Exp - 9/30/25

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

*Carboy G3 in use.

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250903 1231B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
—— 1232B	" (FB)	"	"	"	"
—— 1233B	607/Bromacil	ice	(1) 1L Amber	011901J	SRL
—— 1234B	Low Level NDMA	"	"	"	"
—— 1235B	" (FB)	"	"	"	"
—— 1310B	SVOA by 8270D	"	(2) 500ml amb.	090224-1H9	ALS
—— 1311B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	102824-16I	"
—— 1312B	Total Metals	ice/HNO3	(2) 125ml polys	031725-2AES	"
—— 1313B	* " (MS) *	"	"	"	"

IDW: 4 gals.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/3/25 Signed Date

Pam Munch 9-3-25 Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/3/25 Page 1 of 1

Sample Location: PL-11-470

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	607	LLNDMA	SVOA	Dioxane			Charge Number
250903 1231B	3	A	✓							XGMD
1232B (FB)	3	A	✓							"
1233B	1	A		✓						"
1234B	1	A			✓					"
1235B (FB)	1	A			✓					"
1310B	2	A				✓				"
1311B	1	A					✓			"

Sample Location: PL-11-470

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Total Metals							Charge Number
250903 1312B	2	A	✓							XGMD
1313B (MS)	2	A	✓							"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	9/3/25/1400hrs.		[signature]	9-4-25 / 0811

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

Tony Torrez & Craig Del Ferraro present. Weather is clear & warm. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated Teflon discharge hose. This zone will be purged every 15-20 minutes until 4 gallons has been collected. Purge pressu set @ 227 psi and sample pressure set @ 205 psi. Bubbler set @ 3 psi and stable @ 8 psi. The first 350 ml collected just prior to sampling will be discarded.

Pre parameters
Time - 250903 1240B
PH - 7.67
Temp - 23.4°C
Cond - 1150 us/cm
Turb - 2.13 NTU's
pH pre - 7.00/9.98 (26.9°C)
pH post - 7.01/9.99

Parameters
Time - 250903 1255B
PH - 7.76
Temp - 23.7°C
Cond - 1157 us/cm
Turb - 1.85 NTU's
pH pre - 6.98/9.96 (27.7°C)
pH post 6.99/9.95

Meter ID
pH/cond - 18
Turb - 20
" Std - 9.48 NTU
" rdg - 9.60 NTU
" lot - A5022
Exp - 9/30/25

Buffers Lot Exp
7 CC810376 9/26
10 CC806765 7/26

* Carboy G3 in use.

Sample	Analysis	Samples Preservative	Container	Lot	Lab
250903 1256B	VOA by 8260 LL	ice/HCL	(3) 40ml vials	2801	ALS
1257B	" (FB)	"	"	"	"
1258B	607/Bromacil	ice	(1) 1L Amber	011990 1J	SRS
1259B	Low Level NDMA	"	"	"	"
1325B	" (Dupl.)	"	"	"	"
1326B	" (FB)	"	"	"	"
1327B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	ALS
1328B	1,4 Dioxane by 8270D	"	(1) 250ml amb	102824-1GJ	"
1329B	Total Metals	ice/HNO_3	(2) 125ml poly's	031725-2HES	"

IDW : 4 gals.

Continued from page N/A

Read and Understood By

Craig Del Ferro 9/3/25
Signed Date

Signed Date 9-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/3/25 Page 1 of 1

Sample Location: PL-11-530

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	LLNDMA	SVOA				Charge Number
250903 1256B	3	A	✓							XGMD
1257B (FB)	3	A	✓							"
1258B	1	A		✓						"
1259B	1	A			✓					"
1325B (Dupl.)	1	A			✓					"
1326B (FB)	1	A			✓					"
1327B	2	A				✓				"

Sample Location: PL-11-530

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Dioxane	Total Metals						Charge Number
250903 1328B	1	A	✓							XGMD
1329B	2	A		✓						"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DeTemmerman	9/3/25 / 1400hrs.		[signature]	9-4-25 / 0811

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

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & warm. This well will be purged & sampled using a FLUTe system. Samples will e collected using a dedicated teflon discharge hose. This zone will e purged every 15-20min until 4 gallons has been collected. Purge ressure set @ 227psi and sample pressure set @ 205 psi. Bubbler set 3psi and stable @ 8psi. The first 350ml collected just prior to ampling will be discarded. Carboy G3 in use.

Pre-parameters	Parameters	Meter ID
Time - 250904 1130B	Time - 250904 1150B	pH/Cond - 18
pH - 7.36	pH - 7.31	Turb - 20
Temp - 24.5°C	Temp - 24.8°C	" std - 9.48 NTU's
Cond - 1133 us/cm	Cond - 1142 us/cm	" rdg - 9.62 NTU's
Turb - 1.84 NTU's	Turb - 1.60 NTU's	" lot - A5022
pH pre - 7.05/10.04 (19.2°C)	pH pre - 7.03/10.01 (23.7°C)	" Exp - 9/30/25
pH post - 7.05/10.03	pH post - 7.02/10.02	

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250904 1151B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
—— 1152B	" (FB)	"	"	"	"
—— 1153B	607/Bromacil	ice	(1) 1L Amber	0119901J	SRL
—— 1154B	Low Level NDMA	"	"	"	"
—— 1155B	" (FB)	"	"	"	"
—— 1310B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	102824-1GT	ALS
—— 1311B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	"
—— 1312B	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"

IDW : 4 gals.

Continued from page N/A

Read and Understood By

Craig DelFerraro 9/4/25 Signed

Date 9-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/4/25 Page 1 of 1

Sample Location: PL-11-710

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	607	LLNDMA	Dioxane	SVOA			Charge Number
250904 1151B	3	A	✓							XGMD
1152B (FB)	3	A	✓							4
1153B	1	A		✓						4
1154B	1	A			✓					4
1155B (FB)	1	A			✓					4
1310B	1	A				✓				4
1311B	2	A					✓			4

Sample Location: PL-11-710

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Total Metals							Charge Number
250904 1312B	2	A	✓							XGMD

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelFrate	9/4/25 / 1400hrs.		Pam Munch	9-8-25 / 0840

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

Tony Torrez & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged and sampled using a FLUTe sampling. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 227psi and sample pressure set @ 205psi. Bubbler set @ 3psi and stable @ 8psi. The first 350ml collected just prior to sampling will be discarded.

Pre-parameters	Parameters	Meter ID
Time - 250904 1200B	Time - 250904 1220B	pH/Cond - 18
PH - 8.16	PH - 8.08	Turb - 20
Temp - 24.0°C	Temp - 24.3°C	" std - 9.48 NTU's
Cond - 1017 us/cm	Cond - 1013 us/cm	" rdg - 9.62 NTU's
Turb - 2.02 NTU's	Turb - 1.91 NTU's	" lot - A5022
pHpre - 7.02/10.00 (25.5°C)	pHpre - 7.01/9.99 (26.3°C)	" Exp - 9/30/25
pHpost - 7.03/10.01	pHpost - 7.01/9.98	

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250904 1221B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2108	ALS
——— 1222B	" (FB)	"	"	"	"
——— 1223B	607/Bromacil	ice	(1) 1L Amber	0119901J	SRL
——— 1224B	Low Level NDMA	"	"	"	"
——— 1225B	" (FB)	"	"	"	"
——— 1320B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	ALS
——— 1321B	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"

* Carboy G3 in use.

IDW: 4 gals.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/4/25 Signed Date

Peter W Mundy 9-4-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/4/25 Page 1 of 1

Sample Location: PL-11-820

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	LL NDMA	SVOA	Total Metals			Charge Number
250904 1221B	3	A	✓							XGMD
—— 1222B (FB)	3	A	✓							"
—— 1223B	1	A		✓						"
—— 1224B	1	A			✓					"
—— 1225B (FB)	1	A			✓					"
—— 1320B	2	A				✓				"
—— 1321B	2	A					✓			"

Pertinent Notes (if any)

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 DeHerrera	9/4/25 / 1400hrs.		[signature]	9-8-25 / 0840

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

PROJECT PL-11-980 WJI ENV-0110 9/4/25

Notebook No. D32#137(B)

Continued from page N/A

Tony Torrez & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 227 psi and sample pressure set @ 205 psi. Bubbler set @ 3 psi and stable @ 8 psi. The first 350 ml collected just prior to sampling will be discarded.

Pre-parameters	Parameters	Meter ID
Time - 250904/1235B	Time - 250904/1250B	pH/Cond - 18
PH - 8.43	PH - 8.49	Turb - 20
Temp - 22.8°c	Temp - 23.0°c	" std - 9.48 NTU's
Cond - 945 us/cm	Cond - 955 us/cm	" rdg - 9.62 NTU's
Turb - 0.94 NTU's	Turb - 0.88 NTU's	" lot - A5022
pH pre - 6.98/9.98 (27.4°c)	pH pre - 6.99/9.95 (27.9°c)	" Exp - 9/30/25
pH post - 6.99/9.96	pH post - 6.98/9.96	

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250904/1251B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2108	ALS
—— 1252B	" (FB)	"	"	"	"
—— 1253B	607/Bromacil	ice	(1) 1L Amber	01199011	SRI
—— 1254B	Low Level NDMA	"	"	"	"
—— 1255B	" (FB)	"	"	"	"
—— 1335B	SVOA by 8270D	"	(2) 500ml amb.	090224-1H9	ALS
—— 1336B	Total Metals	ice/HNO_3	(2) 125ml poly's	031725-2HES	"

*Carboy G3 in use.

IDW: 4 gals.

Continued from page N/A

Read and Understood By

Craig Del Ferro 9/4/25 Date

Lori Munch 9-4-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/4/25 Page 1 of 1

Sample Location: PL-11-980

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	607	LLNDMA	SVOA	Total Metals			Charge Number
250904 1251B	3	A	✓							XGMD
1252B (FB)	3	A	✓							"
1253B	1	A		✓						"
1254B	1	A			✓					"
1255B (FB)	1	A			✓					"
1335B	2	A				✓				"
1336B	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	9/4/25 / 1400hrs.		[signature]	9-8-25 / 0840

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

MATT Garcia & Dan Halvorsen present. Weather is cloudy and cool. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new NON-DEHP discharge hose. Carboy G3

Trip Blanks

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
250904 0715A	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2801	ALS
—— 0716A	NDMA LL	Ice	(1) 1L Amber	119901	SRL

Parameters	Final Parameters	Meter ID
250904 0940A	250904 1000A	PH/COND = 17
PH = 7.96	7.91	TURB = 16
TEMP = 23.0 °C	23.1	SID = 4.79
COND = 1282 us/cm	1284	RDG = 4.84
TURB = 2.00 ntu's	1.93	LOT = A5022
PH Pre = 7.07-10.09	7.05-10.06	EXP = 9/25
PH Post = 7.05-10.07	7.05-10.05	
DTW = 464.98 ft.	465.05 ft.	TDW = 2 gal.

SAMPLES

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
250904 0945A	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2801	ALS
—— 0946A	" " (FB)	"	"	"	"
—— 0947A	NDMA LL	Ice	(1) 1L Amber	119901	SRL
—— 0948A	" " (FB)	"	"	"	"

Continued from page

Read and Understood By

Signed 9-4-2025 Date

Signed 9-8-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-4-2025 Page _____ of _____

Sample Location: ST-4-481

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	U08	UDM94						Charge Number
										XGMD
250904 0715 A TB	3	D	X							
0945 A	3		X							
0946 A FB	3		X							
0716 A A TB	1			X						
0947 A	1			X						
0948 A 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:
	9-4-2025 1045			9-8-25 0840

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

Matt Garcia & Dan Halvorsen present. Weather is cloudy and warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be Collected using a non DEHP discharge hose, Cardboy GB

Parameters	Final Parameters	meter ID
Time = 250904/1410A	250904/1430A	PH/COND = 17
PH = 8.39	8.32	TURB = 6
TEMP = 23.5 °C	23.5	DO = 4.79
COND = 1005 us/cm	1009	ROS = 4.81
TURB = 2.42 NTUs	2.39	LOT = A50222
HRge = 6.99-9.98	6.99-9.98	Exp = 9/25
HRss = 7.01-9.99	6.99-10.00	
DTW = 464.10 ft	464.22	

DTW = 2 gal.

SAMPLES

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
250904/1415A	VOA by 8260 LL	Ice/HCl	(3)40 ml Vial	2501	ALS
——— 1416A	" " (FB)	"	"	"	"
——— 1417A	NDMA/NDMA Bromacil by 607	Ice	(1) 1L Amber	11990)	SRL
——— 1418A	NDMA LL	"	"	"	"
——— 1419A	" " (FB)	"	"	"	"
——— 1420A	Total metals	Ice/HNO3	(2)125ml Poly	03725	ALS

Continued from page

Read and Understood By

Signed — Date: 9-4-2025

Signed — Date: 9-8-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9.4.2025 Page _____ of _____

Sample Location: ST.4-589

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	VOC	LOT	UDMA LL	metals				Charge Number
										XGMD
250904 1415 A	3	A	X							
1416 A FB	3		X							
1417 A	1			X						
1418 A	1				X					
1419 A FB	1				X					
1420 A	2					X				

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*								Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	9.4.2025 1445			9-8-25 0840

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

Robert Burrows & Tony Torres present. Weather is clear & warm. This well will be purged and samples using a dedicated bladder pump. Samples will be collected using a new non-DEHP discharge hose. Carboy G-3 in use.

Parameters
Time - 250911 0956C
pH - 8.21
Temp - 23.1 (C)
Cond - 1044 (us/cm)
Turb - 0.49 (ntu's)
pH Pre - 7.06/9.95 (27.4 °C)
pH Post - 7.07/9.92 (28.6 °C)
DTW - 464.68 (Ft)

Final Parameters
Time - 250911 1020C
pH - 8.32
Temp - 27.9 (°C)
Cond - 1029 (us/cm)
Turb - 0.65 (ntu's)
pH Pre - 7.05/9.94 (28.9 °C)
pH Post. 7.10/9.93 (29.4 °C)
IDW - 2.0 gals.

Meter ID
pH/Cond = 18#
Turb = 20#
Std = 9.48 (ntu's)
Rdg = 9.49 (ntu's)
Lot# = A-5022
Exp = 9/31

Trip Blanks

Sample #	Analysis	Preservative	Container	Lot#	Lab
250911 0700C	voaby 8260 LL	HCl/ICE	(3) 40 ml vials	2801	ALS
—— 0701C	low level VOMA	ICE	(2) 1L Amber	119901	SRI

Samples

Sample #	Analysis	Preservative	Container	Lot#	Lab
250911 1011C	voaby 8260 LL	HCl/ICE	(3) 40 ml vials	2801	ALS
—— 1012C (FB)	" "	" "	" "	" "	" "
250911 1013C	Low level VOMA	ICE	(2) 1L Amber	119901	SRI
—— 1014C (FB)	" "	" "	(2) " "	" "	" "

Continued from page N/A

Read and Understood By

Robert Burrows 9-11-25 Date
Signed

Tom Mundt 9-11-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-11-25 Page 1 of 1

Sample Location: ST-4-690

Pertinent Notes (if any)

TASK memo - 15206

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Voa by 8260	Analytical Requirement: Low Level Mercury						Charge Number
250911 0700C TB	3	A	X							X6MO
0701C TB	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:
Robert Bernard	9-11-25 / 7:30		Lori Munch	9-11-25 / 0815

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

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-11-25 Page 1 of 1

Sample Location: ST-4-690

Pertinent Notes (if any)

Task Memo - 15206

Sample Number	# of Containers	Sample Matrix*	Volatile 8260 LL	Low Level VOA						Charge Number
										XGMA
250911 1011C	3	A	X							
1012C (FD)	3		X							
1013C	1			X						
1014C (EB)	1			X						

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*							Charge Number

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Robert Bumond	9-11-25 / 10:50		Jon Mund	9-12-25 / 0800

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

WSTF 381C (05/2016)

MATT GARCIA & TONY TORRES PRESENT. THE WEATHER IS CLEAR & HOT. THE ZONE WILL BE PURGED & SAMPLED USING A FLUTE SAMPLING SYSTEM. 4 GALLONS WAS PURGED PRIOR TO SAMPLING. PURGE PRESSURE SET @ 228 psi & SAMPLE PRESSURE SET @ 207 psi. BUBBLER SET @ 3 psi @ STAKE @ 7 psi. THE FIRST 3 Gallons OF INITIAL PURGE WILL BE DISCARDED. CANopy 6-3

PARAM's	PRE	INITIAL
250908	1310B	1320B
pH	8.18	8.10
Temp	23.4	23.4
Cond	1354 us/cm	1335
Turb	1.48	1.30
phPRE	7.00/9.99 (29.03)	7.01/10.00 (30.04
phPOST	7.00/10.00	7.00/10.00

METER ID's
pH/cond # 18
Turb # 20
" Std = 9.48
" Adj = 9.78
" LOT # = A502
" Exp = 9/30/

SAMPLES

SAMPLE #		ANALYSIS	PRESERV	CONT	LOG
250908	1321B	8260 LL	ICE/HCl	(3) 40ml VIALS	ALS
———	1322B	" (PS)	"	"	"
———	1323B	6807	ICE	(1) CLEAR AMBER	SAME
———	1324B	UNOMA	"	"	"
———	1325B	" (FB)	"	"	"
———	1326B	SVOA ~~+ SIM~~	"	(2) 500ml AMBER	ALS
———	1327B	SVOA SIMS	"	(1) 250ml AMBER	"
———	1328B	TOTAL METALS	ICE/HNO3	(2) 125ml POLY	"

* NOTE: WE DIDN'T GET OUT TO THE WELL TILL 0940 DUE TO WAITING FOR A DEWAR GETTING FILLED AND IT TOOK LONGER THAN EXPECTED.

*NOTE DURING SAMPLING EVENT WE WERE VISITED (NOT BLESSED) BY M. FLORA. HIS VEHICLE WAS STARTED & TURNED OFF WHILE SAMPLES WERE COLLECTED

TIM KONDY & CRAIG DELFERRARO FINISHED UP THE SAMPLING EVENT.

Continued from page

Read and Understood By

T. T Signed 9-8-25 Date Tom Mundt Signed 9-9-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-8-25 Page 1 of 1

Sample Location: ST-6-528

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260D	J06	1,4 DIOXANE	SU04	TAL 2441	SV0A-SIM 1,4 DIOXANE 8270		Charge Number
										XGMD
250908 1321B			X							
1322B (FB)			X							
1323B				X						
1324B					X					
1325B (FB)					X					
1326B						X				
1327B								X		

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Total Metals							Charge Number
										XGMD
250908 1428B	2	A	X							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T.	9-8-25 / 1450			9-9-25 / 0815

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

WSTF 381C (05/2016)

PROJECT ST-6-~~288~~ II 568 ENV. 0110

Notebook No. D32 #157 (5)

Continued from page N/A

MATT GARCIA & TONY TORREZ PRESENT. THE WEATHER IS CLEAN & WARM. THIS ZONE WILL BE PURGED & SAMPLED USING A FLUTE SYSTEM. PURGE ~~PRESSURE~~ II PRESSURE SET @ 22 psi & SAMPLE PRESSURE SET @ 20. A MIN OF 4 GALLONS PURGED. BUBBLER SET @ 3 psi & STABLE @ 7 psi. THE FIRST 350 mls WILL BE DISCARDED. CARBOY G-3.

PRE PARAM's	PARAMS	METER I.D's
250909 1250 B	250909 1255 B	pH/Cond #18
pH 7.68	7.57	Turb # 20
Temp 22.3 C	22.6 C	" STD 9.48
Cond 1343 µs/cm	1380 µs/cm	" 2nd 9.61
Turb 0.83	0.71 NTU's	" LOT # AJ022
pH PRE 7.00/10.00 (36.0)	7.00/10.00 (38.4)	" EXP 9/25
pH POST 7.01/10.01	7.00/10.00	

SAMPLES

SAMPLES	ANALYSIS	PRESERV	LOT #	CONT	Calib
250909 1300 B	8260 LL	ICE/HCl	2108	(3) 40 ml VIALS	ALS
— 1301 B	" (FB)	"	"	"	"
— 1302 B	6010	ICE	0119 9015	(1) 1 LT AMBER	SALS
— 1303 B	ICP/OMA	"	"	"	"
— 1304 B	" (FB)	"	"	"	"
— 1305 B	SVOA	"	N/A	(2) 500 ml AMBER	ALS
— 1306 B	SVOA-SIMS	"	N/A	(1) 125 ml AMBER	"
— 1307 B	TOTAL METALS	ICE/HNO3	031725-2AES	(2) 125 ml poly	"

Continued from page

Read and Understood By

T. D 9-9-25 B-178 Lori W Munck 9-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-9-25 Page 1 of 1

Sample Location: ST-6-568

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Cl, NO3, PO4	SO4	SOS 5-in			Charge Number
										XGMD
250909 1300B	3	A	X							
1301B	3		X							
1302B	1			X						
1303B	1				X					
1304B PB	1				X					
1305B	2					X				
1306B	1						X			

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: TOC, TKN, TP, Cl, NO3, PO4, SO4							Charge Number
										XGMD
1307B	2	A	X							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	9-9-25 / 1430		[signature]	9-10-25 / 0835

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

MATT GANEMA & TONY TORRES present. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A FLUTE SYSTEM. PURGE PRESSURE SET @ 228 psi SAMPLE PRESSURE SET @ 207. BUBBLER SET @ 3psi & STABLE @ 7psi, A min of 4 gallons purged. THE first 550 mls will be discarded. Carboy 6.3.

METER IDs
pH/cond # 18
Turby # 20
" SM = 9.48
" Poly = 9.61
" LOT#: AJ022
" Exp = 9/25

pre params	params
250909 1251B	250909 1315B
pH 8.15	8.17
Temp 23.04	23.08
Cond 1243 µs/cm	1233 µs/cm
Turby 0.49	0.31 NTU's
phpre 7.00/10.01	7.00/10.00(36.4)
phpost 7.00/10.01	7.00/10.01

Samples

Sample #	Analysis	Preserv.	Cont	Lab
250909 1316B	8260 11	ICE/HCl	(3) 40ml VIALS	ALS
— 1317B	" (FB)	"	"	"
— 1318B	6007	ICE	(1) 1L Amber	SMT
— 1319B	UNOMA	"	"	"
— 1320B	" (PB)	"	"	"
— 1321B	SUOA	"	(2) 500ml Amber	ALS
— 1322B	SUOA Sim	"	(1) 250ml Amber	"
— 1323B	TOTAL METALS	ICE/HNO3	(2) 125ml poly	"

Continued from page

Read and Understood By

T. [signature] Signed — 9-9-25 Date — [signature] Signed — 9-10-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-9-25 Page _____ of _____

Sample Location: ST-6-E078

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 (VOC)	607	EPA 4	5021	5021 TMS			Charge Number
Pertinent Notes (if any)										X6MD
250909 1316B	3	A	X							
1317B	3		X							
1318B	1			X						
1319B	1				X					
1320B	1				X					
1321B	2					X				
1322B	2						X			

Sample Location:

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	TOTAL METALS							Charge Number
Pertinent Notes (if any)										XGMD
1323B	2	A	X							

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
T-B	9-9-25 / 1430	[signature]	9-10-25 / 0835

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

PROJECT ST-6-824 WJI ENV-0110 Flute 9-10-25 Notebook No. D32 #137(B)

Continued from page NA

Matt Garcia & Tony Torrez present. Weather is clear & warm. This well purged & sampled using a Flute system. Samples will be collected using a dedicated teflon discharge hose. Zone purged every 15-20 min until 4 gallons has been collected. Purge pressure @ 228 psi and sample pressure @ 207 psi. Bubbler set @ 3 psi and stable @ 8 psi. First 350mLs prior to sample will be discarded. IDW - 4gal. Carboy - 63

Pre Parameters	Parameters.
Time 250910 1230B	250910 1300B
PH 8.03	8.21
Temp 23.5°C	23.2
Cond 1211 us/cm	1197 us/cm
Turb 1.48 NTU's	1.21 NTU's
PH pre 7.03, 10.05	7.03, 10.04
" Post " "	" "

Meter ID's

PH/cond	18
Turb	20
" STD	9.58
" RDG	9.61
" LOT	A5022
" EXP	9/25

Buffers	Lot	EXP
7	CC810372	9/26
10	CC860765	7/26

Samples

Samples	Analysis	Preserv.	Cont.	Lot	Lab
250910 1305B	8260 LL	Ice/HCL	(3) 40ML Vials	2801	ALS
—— 1306B	" (FB)	"	"	"	"
—— 1307B	607	Ice	(1) 1L Amber	0119901J	SRI
—— 1308B	LL NDMA	"	"	"	"
—— 1309B	" (FB)	"	"	"	"
—— 1310B	5VOA	"	(2) 500ML Amber	102829 1GJ	ALS
—— 1311B	T. Metals	Ice/HNO_3	(2) 125ML Poly	03/7252AES	"

Continued from page

Read and Understood By

Matt Garcia — Signed — 9-10-25 Date

Peter Mundt — Signed — 9-10-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-10-25 Page 1 of 1

Sample Location: ST-6-824

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260LL	607	LLNDMA	SVOA	T. Metals			Charge Number
250910 1305B		3	A	X							XGMD
1306B	(FB)	3	↓	X							↓
1307B		1			X						
1308B		1				X					
1309B	(FB)	1				X					
1310B		2					X				
1311B		1	↓					X			↓

Sample Location: ST-6-970

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260LL	607	LLNDMA	SVOA	T. Metals			Charge Number
250910 1316B		3	A	X							XGMD
1317B	(FB)	3	↓	X							↓
1318B		1			X						
1319B		1				X					
1320B	(FB)	1				X					
1321B		1					X				
1322B		1	↓					X			↓

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Lowe	9-10-25 1400hrs		[signature]	9-11-25 0815

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

FLute 9-10-25

PROJECT ST-6-970 WJI ENU-0110

Notebook No. D32 #137(B) 85

Continued from page NA

Matt Garcia & Tony Torrez present. Weather is clear & warm. This well purged & sampled using a FLute system. Samples will be collected using a dedicated teflon discharge hose. Zone purged every 15-20 min until 4 gallons has been collected. Purge Pressore @ 228 psi and sample pressure @ 207 psi. Bubbler set @ 3psi and stable @ 8psi. First 350mls prior to sample will be discarded.

IDW - 4gal Carboy - 63

Pre Parameters	Parameters	Meter ID's
Time - 250910 1232 B	250910 1315 B	PH/Cond - 18
PH - 7.80	7.77	Turb - 20
Temp - 22.0°C	22.3°C	" STD - 9.58
Cond - 1277 us/cm	1251 us/cm	" RDG - 9.61
Turb - 1.11 NTU's	0.97 NTU's	" LOT - A5C2-2
PH Pre - 7.03, 10.05	7.01, 10.05	" Exp - 9/25
" Post - " "	7.03, "	

Samples

Sample	Analysis	Preserv.	Cont.	Lot	Lab
250910 1316 B	8260 LL	Ice/HCL	(3) 40ML vials	2801	ALS
—— 1317 B	" (FB)	"	"	"	"
—— 1318 B	607	Ice	(1) 1L Amber	01199015	SRI
—— 1319 B	LL NDMA	"	"	"	"
—— 1320 B	" (FB)	"	"	"	"
—— 1321 B	5VOA	"	(2) 500ML Amber	10282416J	ALS
—— 1322 B	T. Metals	Ice/HNO3	(2) 125ML Poly	0317252AES	"

Continued from page

Read and Understood By

Matt Garcia — 9-10-25 (Signed / Date)

Tony Torrez — 9-10-25 (Signed / Date)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9-10-25 Page 1 of 1

Sample Location: ST-6-824

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260LL	607	LLNDMA	SVOA	T. Metals			Charge Number
250910 1305B		3	A	X							XGMD
1306B	(FB)	3	↓	X							↓
1307B		1			X						
1308B		1				X					
1309B	(FB)	1				X					
1310B		2					X				
1311B		1	↓					X			↓

Sample Location: ST-6-970

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260LL	607	LLNDMA	SVOA	T. Metals			Charge Number
250910 1316B		3	A	X							XGMD
1317B	(FB)	3	↓	X							↓
1318B		1			X						
1319B		1				X					
1320B	(FB)	1				X					
1321B		1					X				
1322B		1	↓					X			↓

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Matt Lowe	9-10-25 1400hrs		[signature]	9-11-25 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 & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using a non ~~DHP~~ DEHP discharge hose. Carboy G3 in use.

Initial Parameters	Final	Meter ID
Time – 250916 ~~0940C~~ 0940C	Time – 250916 0945C	pH/Cond – 18
pH – 7.53	pH – 7.46	Turb – 20
Temp – 23.4°C	Temp – 23.2°C	" Std – 9.48 NTU's
Cond – 1291 us/cm	Cond – 1304 us/cm	" rdg – 9.58 NTU's
Turb – 0.51 NTU's	Turb – 0.45 NTU's	" lot – A5022
pHpre – 7.02/10.04 (23.0°C)	pHpre – 6.99/10.03 (23.9°C)	" Exp – 9/30/25
pHpost – 7.01/10.04	pHpost – 7.00/10.02	

Buffers	Lot	Exp
7	CC8~~0~~0372	9/26
10	CC806765	7/26

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250916 0941C	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0942C	" (FB)	"	"	"	"
——— 0943C	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRL
——— 0944C	" (FB)	"	"	"	"
——— ~~0945C~~ CD 1100C	" (BC)	"	"	25GD053A	"

Initial DTW: 429.43 Ft. Total gallons purged: 2.

*PPE required/used at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/16/25 B-186 Ben Mumbe 9-17-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9·16·25 Page 1 of 1

Sample Location: WW·1·452

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LL2DMA						Charge Number
250916 0941C	3	A	✓							XGMD
0942C (FB)	3	A	✓							"
0943C	1	A		✓						"
0944C (FB)	1	A		✓						"
1100C (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 Del Fiume	9/16/25/1110hrs		[signature]	9-17-25 / 0810

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

Al Montes & Craig Del Ferraro present. Weather is clear & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using non DEHP discharge hose. Carboy GB in use.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
250915 0720C	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0721C	Low Level NDMA	ice	(1) 1L Amber	011990IJ	SRI

Initial Parameters
Time - 250915 0920C
PH - 8.35
Temp - 22.6°C
Cond - 1139 us/cm
Turb - 2.41 NTU's
pHpre - 7.04/10.05 (19.7°C)
pHpost - 7.03/10.06

Final
Time - 250915 0927C
PH - 8.28
Temp - 23.1°C
Cond - 1134 us/cm
Turb - 1.91 NTU's
pHpre - 7.02/10.05 (20.8°C)
pHpost - 7.03/10.04

Meter ID
pH/Cond - 18
Turb - 20
" Std - 9.48 NTU's
" rdg - 9.60 NTU's
" lot - A5022
" Exp - 9/30/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250915 0921C	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0922C	" (FB)	"	"	"	"
——— 0923C	Low Level NDMA	ice	(1) 1L Amber	011990IJ	SRI
——— 0924C	* " (MS) *	"	"	"	"
——— 0925C	* " (MSD) *	"	"	"	"
——— 0926C	" (FB)	"	"	"	"

*Packer pressure @ Ø psi. The packer at this well is damaged and will hold no pressure.

*IDW: 2 gals.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/15/25 Peter Munch 9-16-25
Signed

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/15/25 Page 1 of 1

Sample Location: WW-2-489

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	Analytical Requirement: LLNDMA	Charge Number
Pertinent Notes (if any)					
250915 0720C (TB)	3	A	✓		XGMD
0721C (TB)	1	A		✓	〃
0921C	3	A	✓		〃
0922C (FB)	3	A	✓		〃
0923C	1	A		✓	〃
0924C (MS)	1	A		✓	〃
0925C (MSD)	1	A		✓	〃

Sample Location: WW-2-489

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: LLNDMA	Charge Number
Pertinent Notes (if any)				
250915 0926C (FB)	1	A	✓	XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
Craig DeTorres	9/15/25 / 1100hrs.	Jon W Jumah	9-16-25 / 0830

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

ll Montes & Craig Del Ferraro present. Weather is clear & warm. This well will be urged using a dedicated bladder pump. Samples will be collected using non DEHP tubing. Carboy G3.

Initial Parameters
Time - 250915 1325C
H - 8.19
emp - 23.4°C
ond - 1127us/cm
urb - 3.48 NTU's
H pre - 6.97/9.95 (32.0°C)
Hpost - 6.98/9.94

Final
Time - 250915 1330C
PH - 8.24
Temp - 23.7°C
Cond - 1136us/cm
Turb - 1.96 NTU's
pH pre - 6.97/9.95 (32.8°C)
pHpost - 6.96/9.95

Meter ID
pH/Cond - 18
Turb - 20
" Std - 9.48 NTU's
" rdg - 9.60 NTU's
" lot - A5022
" Exp - 9/30/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250915 1326C	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
—— 1327C	" (FB)	"	"	"	"
—— 1328C	Low Level NDMA	ice	(1) 1L Amber	01199013	SRI
—— 1329C	" (FB)	"	"	"	"

IDW: 2 gals.

Initial packer pressure @ Ø psi. The packer inside this well is imaged and will not hold pressure.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/15/25 Ben Mumbe 9-16-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/15/25 Page 1 of 1

Sample Location: WW-2-664

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	LLNDMA						Charge Number
Pertinent Notes (if any)										
250915 1326C	3	A	✓							XGMD
1327C (FB)	3	A	✓							"
1328C	1	A		✓						"
1329C (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 DelZenno	9/15/25/1430hrs.		[signature]	9-16-25 /0830

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

ony Torrez & Craig Del Ferraro present. Weather is clear & warm. This zone will e sampled using 2 triple rinsed, stainless steel sample tubes, hem. in use. obe #4951. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy G3

Sample	Analysis	Preservative	Container	Lot	Lab
250902 1030Y	VOA by 8260LL	ice / HCL	(3) 40ml vials	2801	ALS
——— 1031Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRL

Initial Parameters

Time - 250902 1315Y
pH - 7.82
Temp - 24.0°C
Cond - 1104 us/cm
Turb - 2.39 NTU's
pH pre - 6.98 / 10.01 (30.3°C)
pH post - 6.97 / 9.99
DTW - 415.96 ft.
Atmos - 12.66 psia

Final

Time - 250902 1420Y
PH - 7.89
Temp - 24.4°C
Cond - 1091 us/cm
Turb - 1.70 NTU's
pH pre - 6.95 / 9.97 (32.7°C)
pH post - 6.94 / 9.97
DTW - 416.08 ft.
Atmos - 12.64 psia
IDW - ½ gal.

Meter ID

pH/Cond - 15
Turb - 7
" Std - 56.6
" rdg - 56.0
" lot - A5022
" Exp - 9/30/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250902 1350Y	VOA by 8260LL	ice / HCL	(3) 40ml vials	2801	ALS
——— 1351Y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRL
——— 1352Y	" (Dup.)	"	"	"	"

Runs	1)	2)	3)
	38.35	38.14	37.97
	36.01	36.02	35.99
	36.00	36.02	36.01
	38.22	37.84	37.84

Continued from page N/A

Read and Understood By

Craig Del Ferro 9/2/25

Tom Mundt 9-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/2/25 Page 1 of 1

Sample Location: WW-3-469

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA	Charge Number
250902 1030Y (EB)		3	A	✓		XGMD
1031Y (EB)		1	A		✓	"
1350Y		3	A	✓		"
1351Y		1	A		✓	"
1352Y (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 Fiume	9/2/25 / 1500hrs.	[signature]	9-3-25 / 0820

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

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & warm. This zone will be sampled using 2 steam cleaned & triple rinsed, stainless steel sample tubes. Gen. in use. Probe #4951 in use. Surface checks performed on probe prior to sampling.

30 Min. Equipment blanks - Carboy K3

Sample	Analysis	Preservative	Container	Lot	Lab
250902 0835y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0836y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters	Final	Meter ID
Time - 250902 0915y	Time - 250902 0947y	pH/cond - 15
PH - 8.17	PH - 8.10	Turb - 7
Temp - 23.5°C	Temp - 23.7°C	" Std - 56.6
Cond - 1076 us/cm	Cond - 1065 us/cm	" rdg - 56.6
Turb - 0.86 NTU's	Turb - 0.88 NTU's	" lot - A502
pHpre - 7.06/10.04 (18.8°C)	pHpre - 7.03/10.02 (21.1°C)	" Exp - 9/30/2
pHpost - 7.05/10.4	pHpost - 7.04/10.02	
DTW - 415.87 Ft.	DTW - 415.96 Ft.	Buffers Lot Ex
Atmos - 12.56 psia	Atmos - 12.54 psia	7 CC810372 9/
	IDW - 1/2 gal.	10 CC806765 7/

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
250902 0945y	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 0946y	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Runs	1)	2)
	81.57	81.29
	79.15	79.14
	79.13	79.14
	81.48	81.16

Continued from page N/A

Read and Understood By

Craig Del Ferraro 9/2/25 B-194 Tom Munck 9-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9/2/25 Page 1 of 1

Sample Location: WW-3-569

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	Analytical Requirement: LL NDMA	Charge Number
250902 0835y (EB)	3	A	✓		XGMD
0836y (EB)	1	A		✓	"
0945y	3	A	✓		"
0946y	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	9/2/25 / 1100hrs.		[signature]	9-3-25 / 0820

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

AL MONTES & TONY TORRES PRESENT. THE WEATHER IS cloudy & WARM. This well will be purged & sampled using a dedicated Teflon Bladder Pump. Samples collected from a DEMP Tube. Canbay 6.2

	INITIAL	FINAL
	25101/1345c	25101/1400
pH	7.16	7.15
Temp	23.00	23.1
Cond	2017	2015
Turb	3.94	3.52
phpre	7.00/10.00	7.00/10.00
phpost	7.01/10.01	7.01/10.01
DTW	155.40	155.90

METER ID's
pH/cond # 17
Turb # 6
" STD = 4.75
" RDG. 4.68
" LOT # A5022
" EXP 10/31/25

Samples

SAMPLE#	Analysis	Preserv.	Cont	Lab
25101/1346c	8260	HCl	(3) 40 ml VIALS	ALS
1347c	" (FB)	"	"	"
1348c	600	ICE	(1) 1/2 AMBER	SNT
1349c	" (FB)	"	"	"
1350c	METALS	ICE/HNO3	(2) 125 ml poly	ALS
1351c	" (FB	"	"	"

Continued from page

Read and Understood By

T-D 10.14.25 Tom Munsch 10-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.14.25 Page 1 of 1

Sample Location: 200.LU.150

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	Total Metals					Charge Number
										xGMD
251014 1346c	3	A	X							
1347c (FB)	3	A	X							
1348c	1	A		X						
1349c (FB)	1	A		X						
1350c	2	A			X					
1351c (FB)	2	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:
T. Dy	10.14.25 / 1530		[signature]	10-15-25 / 0840

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

AC Monitors & Tony Torrel present. The weather is mostly cloudy & cool. This well will be purged & sampled using a dedicated PFAS Free pump. Samples collected from a #PEHP discharge Tube. Carboy G-2

	Initial	Final
	2510 14 1000 c	1030 c
pH	7.83	7.75
Temp	21.6	21.9 c
Cond	1315	1312
Turb	1.59	1.78
pH pre	7.00 / 10.01	7.00 / 10.01
pH post	7.01 / 10.00	7.00 / 10.00
DTW	14.04	14.78

Meter ID's
pH/cond #17
Turb # G
" Std = 4.75
" Abs = 4.68
" Lot # = A5022
" Exp = 10/26/2

Samples

Sample #	Analysis	Preservation	Cont	Lab
2510 14 1001 c	8260	Ice / HCl	~~1) 500ml Amb~~ 3) 40ml vials	ALS
→ 1002 c	" (FB)	Ice	"	"
1003 c	6010	Ice	(1) 500ml Amber	SRL
1004 c	Metals	Ice / HNO_3	(2) 125ml poly	ALS
1005 c	Anions/Alk	Ice	"	"
1006 c	TDS	"	(1) 250ml poly	"
1007 c	Perchlorate	"	(1) 125ml poly	"
1008 c	NO_3/NO_2	Ice / H_2SO_4	"	"

Continued from page

Read and Understood By

T. D. 10.14.25 Lori Munck 10-15-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-14-25 Page 1 of 1

Sample Location: 300.C.178

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	607	METALS	ANIONS	TDS	PERCHLORATE		Charge Number
										X6MD
251014 1001C	3	A	X							
1002C (FB)	3		X							
1003C	1			X						
1004C	2				X					
1005C	2					X				
1006C	1						X			
1007C	1							X		

Sample Location:

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	NO2/NO3							Charge Number
										X6MD
1008C	1	A	X							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
TDS	10-14-25 / 1100			10-15-25 / 0840

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

AC / MONTES + TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THIS WELL WILL BE PURGED & SAMPLED USING A DEDICATED TEFLON BLADDER PUMP. SAMPLES COLLECTED FROM A DEDICATED SAMPLE TUBE. CANBY 6.2

	INITIAL	FINAL
	251015 1400c	251015 1415c
pH	7.51	7.46
Temp	23.8°c	22.9
Cond	1431	1439
Turb	0.27	0.33
phpre	7.00/10.00	7.00/10.01
phpost	7.01/10.00	7.00/10.01
DTW	122.85	

METER ID's
pH/Cond # 17
Turb # 6
" STD = 4.79
" Adj = 4.63
" LOT # A5022
" Exp = 10-31-25

SAMPLES

SAMPLE #	Analysis	Preserv	Cont	Lab
251015 1401c	8260	ICE/HCl	13) 40ml VIALS	ALS
—— 1402c	" (FB)	"	"	"
—— 1403c	6007	ICE	(1) ~~1LT~~ 500ml Amber	SRL
—— 1404c	" (Dup)	"	"	"
—— 1405c	METALS	ICE/HNO_3	(2) 125 ml poly	ALS
—— 1406c	" (FB)	"	"	"
~~Trip~~				

Continued from page

Read and Understood By

T. D 10.15.25 Pam Munch 10-16-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.15.25 Page 1 of 1

Sample Location: 400. FU. 131

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260	607	TOTAL METALS					Charge Number
										XGMD
251015 1401c	3	A	x							
1402c (FB)	3	A	x							
1403c	1	A		x						
1404c (DUP)	1	A		x						
1405c	2	A			x					
1406c (FB)	2	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:
	10.15.25 3PM			10-16-25 0820

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

WSTF 381C (05/2016)

AL MONTES & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THE WELL WILL BE PURGED & SAMPLED USING A DEDICATED TEFLON BLADDER PUMP. SAMPLES COLLECTED FROM A DEDICATED DISCHARGE TUBE. CARBOY G-2

	INITIAL	FINAL
	25/1016/1400 C	25/1016 1406C
pH	7.53	7.51
TEMP	22.5	22.8
COND	2.65	2.70
TURB	3.18	3.32
pH PRE	7.00/10.00	7.00/10.01
pH POST	7.01/10.00	7.00/10.00
DTW		

METER ID's
pH/cond 17
TURB C6
" STD 4.75
" PDS 4.65
" LOT# A50222
" EXP 10.31.25

TRANSDUCER IN WELL & NO WAY TO READ IT

Samples

SAMPLE #	ANALYSIS	PRESERV	CONT	LAB
25/1016 1401C	8260	HCl/HCl	(3) 40ml VIAS	ALS
——— 1402C	" (FB)	"	"	"
——— 1403C	" (DUP)	"	"	"
——— 1404C	607	ICE	(1) 500ml AMBER	SRL
——— 1405C	METALS	ICE/HNO3	(2) 125ml poly	ALS
~~———~~				
~~———~~				

Blind Controls

SAMPLE #	ANALYSIS	PRESERV	LOT #	CONT	LAB
25/1016/1430C	8260	HCl/HCl		(3) 40ml VIAS	ALS
——— 1431C	607	ICE		(1) 500ml AMBER	SRL
——— 1432C	METALS	ICE/HNO3		(2) 125ml poly	ALS

Continued from page NA

Read and Understood By

T. T. 10-16-25 Tom Munds 10-21-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.16.25 Page 1 of 1

Sample Location: 400.HU.147

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	METALS					Charge Number
										XGMA
251016 1401C	3	A	X							
1402C	3	|	X							
1403C	3	|	X							
1404C	2	|		X						
1405C	2	|			X					

Sample Location:

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	METALS					Charge Number
1430C (BC)	3	A	X							
1431C (BC)	1	|		X						
1432C (BC)	2	|			X					

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
T. Zg	10.16.25 / 1530		[signature]	10-20-25 / 0845

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

WSTF 381C (05/2016)

AL MONTES & TONY TORRES PRESENT. THE WEATHER IS CLEAR & WARM. THE WELL WILL BE PURGED & SAMPLED USING A DEDICATED TEFLON BLADDER PUMP. CARBOY 6.2. SAMPLES COLLECTED FROM A DEDP SAMPLE TABE.

INITIAL		FINAL	METER ID's
251015 0920c		251015 0935c	pH/cond 17
pH	8.78	8.70	Turb 6
TEMP	22.1°c	22.3	" std 4.79
Cond	524	528	" rdg 4.63
Turb	0.57	0.49	" LOT# 45022
phpre	7.00/10.00	7.00/10.00	" Exp 10/31/2
phpost	7.01/10.00	7.00/10.00	
DTW	129.90	130.35	

5 SAMPLES

SAMPLE#	Analysis	PRESERV	CONT	LAB
251015 0921c	8260	ICE/HCl	(3) 40ml VIALS	ALS
— 0922c	" (FB)	"	"	"
— 0923c	6010	ICE	(1) 500ml Amber	SRL
— 0924c	METALS	"	(2) 125ml poly	ALS

Continued from page

Read and Understood By

10/15-25

10-31-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.15.25 Page 1 of 1

Sample Location: 409.1V.123

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260	607	T. METALS					Charge Number
										XGMO
251015 0921c	3	A	x							
0922c (FB)	3	A	x							
0923c	1	A		x						
0924c	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:
	10.15.25 11am			10-16-25 0820

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

WSTF 381C (05/2016)

Tim Kondy + Craig DelFerraro present. Weather is warm and cloudy. Well will be Bailed dry and let to recover before Sampling. Samples collected from Bailer.

Bailed dry = 7 gal @ 10.00

Parameters	Final
Time - 25 10 14 1300 B	25 10 14 1315 B
pH 7.40	7.45
Temp 29.1	29.1
cond 2.13 ms/cm	2.14
TURB 3.02	3.84
pH precal 7.05 - 10.11	
pH post cal 7.09 - 10.15	
DTW - 186.16	

Buff	Lot#	Exp
7	CC810372	9-26
10	CC806765	7-26

Meter#
pH/cond 15
TURB - 20
" Std - 9.46
" Rdg - 8.78
" Lot# - A5022
" Exp - 10-31-25

Samples

Sample#	Analysis	Preserv	Cont.	Lot#	Lab
25 10 14 1305 B	8260	Ice, HCL	(3) 40 ml Vial	477419	ALS
— 1306 B	" (FB)	"	"	"	"
— 1307 B	6010/Biomass	Ice	(1) 500 ml Amber	02199101 J	SRL
— 1308 B	SW8A/8270D	"	(2) 500 ml Amber	090224 FHX	ALS
— 1309 B	Metals	Ice, HNO_3	(2) 125 poly	0317202 AES	"
— 1310 B	Anions/Alk	Ice	"		"
— 1311 B	TDS	"	(1) 250 ml poly		"
— 1312 B	perchlorate	"	(1) 125 ml poly		"
— 1313 B	NO_2/NO_3	Ice, H_2SO_4			"

Continued from page

Read and Understood By

Tim Kondy 10-14-25 Jon Munch 10-19-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-14-25 Page _____ of _____

Sample Location: 600A-004-GW

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	8260	607	8270	metals	Anions/Alk	TPS		Charge Number
				Analytical Requirement							XGMD
251014 1305B		3	A	X							
— 1306B	(FB)	~~3~~		X							
— 1307B		1			X						
— 1308B		2				X					
— 1309B		2					X				
— 1310B		2						X			
— 1311B		1							X		

Sample Location: 600A-004-GW

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Perchlorate	NO2/NO3						Charge Number
				Analytical Requirement							XGMD
251014 1312B		1	A	X							
— 1313B		1	A		X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Tkow/	10-14-25		Jon W Smith	10-15-25 / 0840

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

10/16/25

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PROJECT 600C-005-GW WJI ENV-0053

Notebook No. D32 #141(B)

Continued from page N/A

Tim Kondy & 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 lab tubing. Carboy C3 in use.

Initial Parameters

Time - 2510161355B
PH - 7.60
Temp - 22.3'c
Cond - 854us/cm
Turb - 2.68 NTU's
pH pre - 6.98/10.02 (30.7'c)
pH post - 6.97/10.02

Final

Time - 2510161409B
PH - 7.56
Temp - 22.5'c
Cond - 848us/cm
Turb - 2.32 NTU's
pH pre - 6.97/9.99 (31.6'c)
pH post - 6.96/9.98

Meter ID

pH/cond - 15
Turb - 20
u Std - 9.46
u rdg - 9.58
u lot - A502
u Exp - 10/31/

Buffers Lot Ex

7 CC810372 9/
10 CC806765 7/

Samples

Sample	Preservative	Analysis	Container	Lot	Lot
2510161400B	ice/HCL	VOA by 8260	(3) 40ml vials	N/A	AL
——— 1401B	u	u (FB)			
——— 1402B	607/Bromacil	ice	(1) ~~1L Amber~~ 500ml amb.	u 021901J	SI
——— 1403B	ice	SVOA by 8270D	(2) 500ml amb.	090824-1HY	A
——— 1404B	ice/HNO_3	Total Metals	(2) 125ml polys	031725-2AES	
——— 1405B	ice	Anions/Alk.	u	021025-2ERD	
——— 1406B	u	TDS by SM2540C	(1) 250ml poly	052024-2ERG	
——— 1407B	u	Perchlorate by 6850	(1) 125ml poly	110424-2ERI	
——— 1408B	ice/H_2SO_4	NO_2/NO_3 by 353.2	(1)	u 051225-4ELR	

Initial DTW: 389.15ft.

Total gallons purged: 1.5

Final DTW: 389.25ft.

*PPE used/required at this location: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferro 10/16/25

Per Mundt 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/16/25 Page 1 of 1

Sample Location: 600C-005-GW

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	607	SVOA	Total Metals	Anions / Alk	TDS		Charge Number
251016 1400B	3	A	✓							XGMD
1401B (FB)	3	A	✓							"
1402B	1	A		✓						"
1403B	2	A			✓					"
1404B	2	A				✓				"
1405B	2	A					✓			"
1406B	1	A						✓		"

Sample Location: 600C-005-GW

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Perch/orate	NO2/NO3						Charge Number
251016 1407B	1	A	✓							XGMD
1408B	1	A		✓						"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltenre	10/16/25 / 1440hrs.			10-20-25 / 0845

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

WSTF 381C (05/2016)

10/16/25

PROJECT 100-001-GW WJI ENV-0053

Notebook No. D32 #141 (B) 7

Continued from page N/A

Tim Kondy & Craig Del Ferraro present. Weather is clear & cool. This well will purged using dedicated bladder pump. Samples will be collected using a non DEHP lab tubing. Carboy G3 in use.

Initial Parameters
Time - 2510160925B
PH - 8.03
Temp - 20.2°C
Cond - 779 us/cm
Turb - 0.74 NTU's
pHpre - 7.08/10.05 (18.3°C)
pHpost - 7.07/10.05

Final
Time - 2510160941B
PH - 7.95
Temp - 20.0°C
Cond - 776 us/cm
Turb - 0.64 NTU's
pHpre - 7.06/10.04 (18.9°C)
pHpost - 7.04/10.05

Meter ID
pH/Cond - 15
Turb - 20
" std - 9.46 NTU
" rdg - 9.58 NTU
" lot - A5022
" Exp - 10/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2510160930B	VOA by 8260	ice / HCL	(3) 40ml vials	2801	ALS
0931B	" (Dupl.)	"	"	"	"
0932B	" (FB)	"	"	"	"
0933B	607/Bromacil	ice	(1) 500ml amb	021990IJ	SRI
0934B	SVOA by 8270D	"	(2) 500ml amb.	090224-1H4	ALS
0935B	Total Metals	ice / HNO_3	(2) 125ml polys	031725-2AES	"
0936B	" (Dupl.)	"	"	"	"
0937B	Anions / Alk.	ice	"	021025-2ERD	"
0938B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
0939B	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
0940B	NO_2/NO_3 by 353.2	ice / H_2SO_4	"	051225-4ELR	"

Initial DTW: 162.50 Ft.
Final DTW: 162.85 ft.

Total gallons purged: 2.5

* PPE used/required at this location: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 10/16/25 Ron Wunderlich 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/16/25 Page 1 of 1

Sample Location: 100-001-GW

Sample Number	# of Containers	Sample Matrix*	8260	607	SVOA	Total Metals				Charge Number
251016 0930B	3	A	✓							XGMD
0931B (Dupl.)	3	A	✓							"
0932B (FB)	3	A	✓							"
0933B	1	A		✓						"
0934B	2	A			✓					"
0935B	2	A				✓				"
0936B (Dupl.)	2	A				✓				"

Sample Location: 100-001-GW

Sample Number	# of Containers	Sample Matrix*	Anions/Alk	TDS	Perch/lorate	NO3/NO2				Charge Number
25101600937B	2	A	✓							XGMD
0938B	1	A		✓						"
0939B	1	A			✓					"
0940B	1	A				✓				"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Toro	10/16/25/1015hrs.		Jon Mynch	10-20-25 / 0845

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

WSTF 381C (05/2016)

F. Gallegos & T. Moore present. Weather is clear and cool. These samples will be taken and purged from a dedicated sampling port. "Cuboy" "Plumefront"

Parameters	Meter ID	Buffers	LOT#	Exp
Time 2510100610	Ph/Cond-Plumefront	7	CC 810372	9/26
pH: 8.17	Turb-Plumefront	10	CC 806765	7/26
Temp: 25.1°C	"STD- 9.58 NTU			
Cond: 989 µS/cm	"RDG 9.28 NTU			
Turb - 0.49 NTU	"LOT# N/A			
Ph pre- 7.01/10.00 (22.4°C)	"Exp 10/31/25			
Ph post 7.00/10.00				

Samples

Sample #	Analysis	Preserv	LOT#	LAB	CONT
2510100615	VOA by 8260	ICE, HCl	N/A	ALS	(3) 40mL vial
0616	" (FB)	"	"	"	"
0617	NDMA (DMN) Biobyte07	ICE	N/A	SWRI	(1) 500 mL amb (2) ~~1 amb~~
0618	LL NDMA	"	"	"	(1) 1 amber
0619	" (FB)	"	"	"	"
0620	SVOA_SIM	"		ALS	(1) 250mL amb

Continued from page N/A

Read and Understood By

10-10-25 10-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-10-25 Page 2 of 3

Sample Location: D650-EFF-1

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	VOA 8260	LL-VOA 8260LL	NDMA/DMN/1,4 BROMACIL LOW LEVEL NDMA	TOTAL METALS ANIONS/ALK	TDS SM2540C	Charge Number
251010 0615	3	A		X					XGMD
— 0616 (FB)	3	A		X					
— 0617	1	A				X			
— 0618	1	A					X		
— 0619	1	A					X		

Sample Location:

Sample Number	# of Containers	Sample Matrix*	Pertinent Notes (if any)	PERCHLORATE 16850	NO_2/NO_3 353.2	SVOA-SIM 1,4 DIOXANE 8270					Charge Number
251010 0620											
251010 0620	1	A				X					XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[illegible]	10-10-25 0640	[signature]	10-10-25 0830

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

Frank Gallegos, and Tim Moore present. These samples will be purged and taken using a dedicated sampling port. Carboy: Pine Front

Parameters	Meter ID	Buffers	LOT#	Exp
Time 2510100625	pH/cond-Pine Front 7		CC 810372	9/26
pH-7.49	Turb-Pine Front/0		CC 806765	7/26
Temp-25.0°C	STD. 9.58 NTU			
cond-986 µS/cm	RDG-9.28 NTU			
Turb-0.24 NTUs	LOT#-N/A			
pH pre-7.01/10.01(22.6°C)	Exp-10/31/25			
pH Post 7.01/10.00				

Samples

Sample#	Analysis	Pre	LOT#	LAB CONT
2510100630	VOA by 8260D w/ CF, MCL		N/A	ALS (3) 40mL VOA
0631	(FB)			
0632	NDMA/DMN/BIO by 607.1 CE			SWB (1) ~~Ethanol~~ Isopropanol
0633	SVOA-SIM			ALS (1) 250mL AG

Continued from page

Read and Understood By

Signed — Date 10-10-25

Signed — Date 10-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-10-25 Page 1 of 1

Sample Location: B660-INF-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
251010 0630	3	A	X	X					XGMD
0631 (AD)	3	A	X	X					"
0632	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 1,4 DIOXANE 8270	Charge Number
251010 0633	1	A			X	XGMD
						"

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	10-10-25 0800	[signature]	10-10-25 0830

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

Frank Gallegos & Tim Moore present. Weather is clear and cool. These samples will be pulled and taken using a dedicated sampling port. Cowboy "Pine front"

Parameters	meter ID	Buffers	LOT #	Exp
Time 2510100522	pH/cond - Pine Front	7	CC810372	9/26
pH 8.44	Turb - Pine Front	10	CC806765	9/26
Temp 26.6°C	STD - 9.58			
cond ~~1.20 mS~~ 1,034 uS/cm	RDG - 9.56 NTU			
Turb .20 NTU	LOT # N/A			
Phpe 7.01 - 10.00 (21.4°C)	Exp 10/31/25			
phpeST - 7.04 / 10.02				

Samples

Sample #	Analysis	Pres	LOT #	LAB CONT
2510100526	VOA by 8260(11)	ICE HCl	N/A	ALS (3) 40 mL VIa
— 0527	" (FB)	"	"	" "
— 0528	NDMA IDA N/B by 607	ICE	"	SWRI (1) 500 mL amb
— 0529	LC NDMA	"	"	" (1) 1 L amber
— 0530	" (FB)	"	"	" "
— 0531	SVOA_SIM	"	"	ALS (1) 250 mL amber

Continued from page N/A

Read and Understood By

Signed 10 Oct 2025 Date

Signed 10-10-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-10-25 Page 1 of 1

Sample Location: B655-EFF-2

Sample Number	Pertinent Notes (if any)	# 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
251010 0526		3	A		X						XGMD
" 0527 (FB)		3	A		X						
" 0528		1	A			X					
" 0529		1	A				X				
" 0530 (FB)		1	A				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
251010 0531		1	A			X	XGMD

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
	10-10-25 0600		10-10-25 0830

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

Frank Gallegos & Tim Moore present. These samples will be purged and taken using a Dedicated sampling port. Carboy: Pine Front.

Parameters		Meter ID	Buffers	LOT #	Exp
Time	251010 0538	pH/cond-Pine Front		CC 510372	9/26
pH	7.11	Turb-Pine Front	10	CC806765	7/26
Temp	25.0°C	STD-9.58			
Cond	1028 uS/cm	RDG-9.56 NTU			
Turb	0.23 NTU	LOT # N/A			
Phpre	7.00-10.00 (22.5°C)	Exp 10/31/25			
PhpostJ	7.04/10.02				

Samples

Sample #	Analysis	Pres	LOT #	LAB	Cont
251010 0545	VOA by 8260	ICE & HCl	N/A	ALS	(3) 40mL Vial
→ 0546	" (FB)	"	"	"	"
— 0547	NDMA/DMN/Bio by 6070	ICE	"	SWRI	(1) ~~500 mL~~ 1 L Amber
— 0548	SVOA_SIM	"	"	ALS	(1) 250mL Amber

Continued from page N/A

Read and Understood By

Signed — Date — Signed — Date

10-10-25 — 10-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-10-25 Page 1 of 1

Sample Location: B655-INF-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
2510100545	3	A	X						XGMD
0546 (FB)	3	A	X						"
0547	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
2510100548	1	A			X					XGMD
										"

Relinquished by:	Date / Time:	Accepted by:	Date / Time:
[signature]	10-10-25 / 0640	[signature]	10-10-25 / 0830

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

Tony Torrez & Craig Del Ferraro present. Weather is clear & cool. This well will be purged using a dedicated bladder pump. Samples will be collected using a PFAS free discharge hose. Carboy G3 in use.

Initial Parameters	Final	Meter ID
Time - 251010 0950A	Time - 251010 1004A	pH/Cond - 16
PH - 7.82	PH - 7.74	Turb - 6
Temp - 21.5°C	Temp - 21.9°C	" Std - 4.65 NTU's
Cond - 1820 us/cm	Cond - 1808 us/cm	" rdg - 4.74 NTU's
Turb - 3.42 NTU's	Turb - 2.92 NTU's	" lot - A5022
pH pre - 7.05/10.03 (21.2°C)	pH pre - 7.03/10.02 (23.3°C)	" Exp - 10/31/25
pH post - 7.06/10.03	pH post - 7.03/10.01	

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251010 1000A	VOA by 8260	ice/HCL	(3) 40ml vials	N/A	ALS
—— 1001A	" (FB)	"	"	"	"
—— 1002A	Low Level NDMA	ice	(1) 1L Amber		SRL
—— 1003A	" (FB)	"	"	"	"

Initial DTW: 360.00ft. Total gallons purged: 2

Final DTW: 360.05Ft.

*PPE used/required at this location: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 10/10/25

Tom Mundt 10-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/10/25 Page 1 of 1

Sample Location: BLM-6-488

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 ##	Analytical Requirement: LLNDMA						Charge Number
Pertinent Notes (if any)										
251010 1000A	3	A	✓							XGMD
1001A (FB)	3	A	✓							"
1002A	1	A		✓						"
1003A (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 Del Zenno	10/10/25/1030hrs.		[signature]	10-14-25/0815

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

WSTF 381C (05/2016)

Tim Kondy & Dan Halvorsen present. Weather is clear and warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a PFAS free discharge hose. Cooler #3 in use. PPE used: Nitrile gloves, safety glasses and boots.

Trip Blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
251020 0715A	VOAs by 8260 LL	Ice/HCl	(3) 40 ml vial	2795	ALS
—— 0716A	NDMA LL	Ice	(1) 1L Amber	N/A	SRL

Initial Parameters	Final	Meter ID
Time = 251020 1330A	251020 1345A	pH/Cond = 18
pH = 9.09	9.12	Turb = 8
Temp = 23.3°C	23.2	SDO = 1.90
Cond = 1271 µS/cm	1278	ORP = 1.95
Turb = 0.42 NTUs	0.39	Lot = A50220
pH Pre = 7.02-10.11 (31.7°C)	7.04-10.10	Exp = 10/25
pH Post = 7.04-10.10	7.03-10.10	
DTW = 4199.55 ft.	4199.55 ft.	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
251020 1335A	VOAs by 8260 LL	Ice/HCl	(3) 40 ml vial	2795	ALS
—— 1336A	" " (FB)	"	"	"	"
—— 1337A	NDMA LL	Ice	(1) 1L Amber	N/A	SRL
—— 1338A	" " (FB)	"	"	"	"

Continued from page

Read and Understood By

Signed 10.20.2025 Date

Signed Date 10-21-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-20-2025 Page _____ of _____

Sample Location: BLM-10-517

Pertinent Notes (if any)

Sample Number		# of Containers	Sample Matrix*	Analytical Requirement: VOR	Analytical Requirement: DOMA LL						Charge Number: XGMD
25102007154	TB	3	A	4							
1335A		3		4							
1336A	FB	3		4							
0716A	TB	1			4						
1337A		1			4						
1338A	FB	1			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:
	10.20.2025 1415			10-21-25 /0820

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

WSTF 381C (05/2016)

Tim Kondy + Frank Gallegos present. Weather is cool and cloudy. Well will be purged with a dedicated bladder pump and samples collected from a dedicated discharge tube. Carboy G2

Parameters	Final
Time 251013 0900 c	251013 0910 c
pH 7.40	7.25
cond 1260 us/cm	1269
TURB 1.76	1.75
pH precal 7.05 - 10.11	
pH post cal 7.09 - 10.15	
DTW 278.10 FT	278.50
Temp - 20.0	

Buff	Lot #	Exp
7	CC810372	9/26
10	CC806765	7/26

Meter #
pH/cond -
TURB
" Std - 9.416
" Rds - 8.80
" Lot # - A5022
" Exp. - 10/31

Samples

Sample #	Analysis	Preserv	Cont	Lot #	Lab
251013 0905 c	8260	1:1 HCL	(3) 40 ml Vial	NA	ACS
— 0906	" FB	"	"	"	"
— 0907	NPHA/Bromide/607	Ice	(1) 500 ml Amber	"	SRI
— 0908	" (Dupl)	"		"	"

EDW - 2 gal

Continued from page

Read and Understood By

Tim Kondy 10-13-25 Pam Mundt 10-14-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-13-25 Page _____ of _____

Sample Location: Blm-14-327

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260	Analytical Requirement: 6070						Charge Number
										XGMD
251013 0905 c	3	A	X							
— 0906 c FB	3	|	X							
— 0907 c	1	|		X						
— 0908 c (Rep)	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:
Tim Kelly	10-13-25		[signature]	10-14-25 / 0815

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

WSTF 381C (05/2016)

Robert Burrows & Dan Halvorsen present. Weather is partly cloudy and hot. This. Well will be sampled using 5 triple rinsed stainless steel sampling tubes. Surface checks performed on probe #1295 prior to sampling. Generator in use.

PPE used: Nitrile gloves, hard hat, safety glasses and boots.

30 minute equipment blanks (Carboy GI)

Sample #	Analysis	Preserve	Container	Lot	Lab
251009 1400 y	VOA by 8260	Ice/HCl	(3) 40 ml Vial	2801	ALS
—— 1401 y	NDMA/DMN Bromacil by 607	Ice	(1) 500 ml Amber	N/A	SRL

Initial Parameters	Final Parameters	Meter ID
Time = 251009 1445 y	251010 1025 y	pH/Cond = 17
pH = 8.79	8.72	Turb = 7
Temp = 26.3°C	26.2	STD = 50.2
Cond = 1382 µs/cm	1376	RDG = 50.4
Turb = 3.15 ntu's	3.08	Lot = A5022
DOPre = 6.94 - 9.97 (38.4°C)	6.96 - 10.02	Exp = 10/25
DOPost = 6.96 - 9.98	6.97 - 10.00	
ATMOS = 12.45 psia	12.45	
DTW = 374.31 ft.	374.35 ft.	

Samples

Sample #	Analysis	Preserve	Container	Lot	Lab
251010 1020 y	VOA by 8260	Ice/HCl	(3) 40 ml Vial	2801	ALS
—— 1021 y	" " (Dup)	"	"	"	"
—— 1022 y	NDMA/DMN Bromacil by 607	Ice	(1) 500 ml Amber	N/A	SRL

RUBS - 1) 21.42 2) 21.41
25.18 25.45
25.09 25.42
21.40 21.40

Continued from page

Read and Understood By

10-10-2025 10-14-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-9-2025 Page _____ of _____

Sample Location: BLM-39-385

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
			300	907						XGMD
251009141400 y EB	3	A	X							
1401 y EB	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:
	10-9-2025 1500			10-10-25 0830

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.10.2025 Page _____ of _____

Sample Location: BLM 39-385

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	LOT						Charge Number
										XGMD
25101010204	3	A	X							
1021 4	3		4							
1022 4	1			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:
	10.10.2025 1045			10-14-25 0815

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

WSTF 381C (05/2016)

Robert Burrows & Dan Halvorsen present. Weather is cloudy and cool. This well will be sampled using 5 triple rinsed stainless steel sampling tubes. Surface checks performed on Probe # 1295 prior to sampling. Generator in use. PPE used: Nitrile gloves, hard hat, safety glasses and boots.

30 minute Equipment blanks (Carboy G1)

Sample #	Analysis	Preserve	Container	LOT	LAB
251009/1030y	VOAs by 8260	Ice/HCl	(3) 40 ml Vial		ALS

Critical Parameters	Final Parameters	meter ID
Time = 251009/1252y	251009/1320y	PH/COND = 17
pH = 8.23	8.18	TURB = 7
TEMP = 26.1°C	26.2	" STD = 50.2
COND = 7824 µs/cm	7.76	" RDG = 50.7
TURB = 2.42 NTUs	2.36	" LOT = A5022
DPG = 7.03-10.11 (36.5°C)	7.02-10.09	" EXP = 10/25
DPOS = 7.01-10.11	7.02-10.08	
PTUBE = 12.45 psig	12.45 psig	
DTW = 374.20 ft.	374.31 ft.	

SAMPLES

Sample #	Analysis	Preserve	Container	LOT	LAB
251009/1315y	VOAs by 8260 NDMS/DMN	Ice/HCl	(3) 40 ml Vial		ALS
1316y	Bromacil by 607	Ice	(1) 1L 500 ml Amber		SRI

Runs-1) 97.75 2) 97.62
90.95 90.04
90.21 89.46
97.74 97.59

NOTE! Pressure Profile was Done prior to Sampling.

Continued from page N/A

Read and Understood By

Robert Burrows 10-9-25 Dan Halvorsen 10-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-9-2025 Page _____ of _____

Sample Location: BCM-39-560

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
			1006	1007						XGMD
251009103041	3	A	X							
1315	3		X							
1316	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:
[illegible]	10-9-2025 1500		[signature]	10-10-25 0830

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

Jeff Garcia & Don Halvorsen present. Weather is cloudy 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 63 in use.

Trip Blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
251014 0710 A	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	N/A	ALS
— 0711 A	NDMA LL	Ice	(1) 1L Amber	01/9901	SRL

Initial Parameters	Final	Meter ID
Time = 251014 0945 A	251014 1015 A	PH/COND = 18
pH = 9.86	9.91	TURB = 8
Temp = 22.1 °C	22.2	STD = 1.90
Cond = 775 µS/cm	781	RDG = 2.06
Turb = 0.41 NTUs	0.43	Lot = A5022
Pre -7.04-10.25 (21.5°C)	7.04-10.17	Exp = 11/25
Post 7.03-10.18	7.04-10.16	
DTW = 527.35 ft.	527.98 ft.	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
251014 0950 A	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	N/A	ALS
— 0951 A	" " (FB)	"	"	"	"
— 0952 A	NDMA/DMA Bromacil by 607	Ice	(1) 500 ml Amber	01/9901	SRL
— 0953 A	NDMA LL	"	(1) 1L Amber	N/A	"
— 0954 A	" " (MS)	"	"	"	"
— 0955 A	" " (MSD)	"	"	"	"
— 0956 A	Total Metals	Ice/HNO3	(2) 125 ml Poly	"	ALS
— 0957 A	VOA by 8260 LL (MS)	Ice/HCl	(3) 40 ml Vial	"	"
— 0958 A	NDMA LL (FB)	Ice	(1) 1L Amber		

PPE Used: Nitrile gloves, safety glasses and boots

Continued from page

Read and Understood By

10-14-2025 10-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-14-2025 Page _____ of _____

Sample Location: BLM.40-595

Analytical Requirement

Pertinent Notes (if any) / Sample Number		# of Containers	Sample Matrix*	VOA	607	VOA44					XGMD Charge Number
251014 0710A	TB	3	A	X							
0950A		3		X							
0957A	MS	3		X							
0951A	FB	3		X							
0952A		1			X						
0711A	TB	1				X					
0953A		1				X					

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number		# of Containers	Sample Matrix*	VOA44	Metals						XGMD Charge Number
251014 0954A	MS	1	A	X							
0955A	MSD	1		X							
0958A	FB	1		X							
0956A		2			X						

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	10.14.2025 1040			10-15-25 / 0840

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

Matt Garcia & Dan Halvorsen present. Weather is Cloudy and warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a PFAS free discharge hose. Carboy G3 in use. PPE used: Nitrile gloves, safety glasses and boots.

Initial Parameters	Final	Meter ID
Time = 25/10/14/1420 A	25/10/14/1445 A	PH/COND = 18
pH = 9.01	9.11	TURB = 8
TEMP = 23.7 °C	23.7	STD = 1.90
COND = 953 us/cm	961	RNG = 2.0 S
TURB = 0.47 NTUs	0.50	LOT = 45022
PHPRE = 7.03-10.05 (28.3)	7.02-10.05	EXP = 10/25
PHPOST = 7.02-10.03	7.02-10.04	
DTW = 510.00 ft.	510.37	

SAMPLES

SAMPLE #	Analysis	Preserve	Container	LOT	LAB
25/10/14/1425 D	VOA by 8260 LL	Ice) HCl	(3) 40 ml Vial		ALS
—— 1426 D	" " (FB)	"	"		"
—— 1427 A	NDMS/DMN Bromacil by 607	Ice	(1) 500 ml Amber		SRI
—— 1428 A	~~DOMA LL~~ " (MS)	"	"		"
—— 1429 A	NDMA LL	"	(1) 1L Amber		"
—— 1430 A	" " FB	"	"		"
—— 1431 A	Total metals	Ice/HNO3	(2) 125 ml poly		ALS

Continued from page

Read and Understood By

10.14-2025

10-15-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-14-2025 Page _____ of _____

Sample Location: BLM.40-688

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	U09	607	VOA LL	metals				Charge Number
										X6MD
251014 1425 A	3	A	X							
1426 A FB	3		X							
1427 A	1			X						
1428 A MS	1			X						
1429 A	1				X					
1430 A FB	1				X					
1431 A	2					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:
	10-14-2025 1510			10-15-25 / 0840

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

WSTF 381C (05/2016)

Matt Garcia & Dan Halvorsen present. Weather is partly cloudy and warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new PFAS free sampling discharge hose. Carboy G3 in use.

Initial Parameters	Final	Meter ID
Time = 251015 0930A	251015 0950A	PH/COND = 18
pH = 8.88	8.83	TURB = 8
TEMP = 23.2°C	23.2	DO = 1.90
COND = 1312 µS/cm	1317	ORP = 1.94
TURB = 1.02 ntu's	1.05	Lot = A5022
ORP = 7.07-10.12 (23.2°C)	7.05-10.10	Exp = 10/25
ORP = 7.06-10.12	7.05-10.10	
TW = 356.50 ft.	356.58	

SAMPLES

SAMPLE #	Analysis	Preservative	Container	LOT	LAB
251015 0935A	VOA by 8260 LL	Eq/HCl	(3) 40ml Vial	N/A	ALS
— 0936A	" " (FB)	"	"	"	"
— 0937A	NDMA/DMN Bromacil by 60	Ice	(1) 500ml Amber	119901	SRL
— 0938A	NDMA LL	"	(1) 1L Amber	N/A	"
— 0939A	" " (Dup)	"	"	"	"
— 0940A	" " (FB)	"	"	"	"
— 0941A	Total Metals	Eq/HNO3	(2) 125ml Poly	N	ALS

PPE used = Nitrile gloves, safety glasses and boots.

Continued from page

Read and Understood By

10-15-2025

10-16-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-15-2025 Page _____ of _____

Sample Location: BLM 41-420

Analytical Requirement

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	V08	607	8270M/625	Metals				Charge Number
											XGMD
251015 0935 A		3	A	X							
0936 A	FB	3		X							
0937 A		1	1		X						
0938 A		1	1			X					
0939 A		1	1			X					
0940 A		1	1			X					
0941 A		2	2				X				

Sample Location:

Analytical Requirement

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

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	1015-2025 1050			10-16-25 / 0820

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

WSTF 381C (05/2016)

Dan Ackerson, Tim Kondy & Greig Delferraro present. Weather is Clear and Warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new PFAS free discharge hose. Carboy G3 in use.

Initial Parameters		Final		Meter ID	
Time	= 251015/1350A	251015/1410A		PH/Cond	= 18
PH	= 8.70	8.65		Turb	= 8
Temp	= 25.2°C	25.3		STD	= 1.90
Cond	= 1250uS/cm	1246		ROG	= 1.94
Turb	= 1.22 NTU's	1.21		LOT	= A5022
PH Pre	= 7.02-10.05	7.03-10.04		Exp	= 10/25
PH Post	= 7.02-10.04	7.03-10.04			
DTW	= 391.65 ft.	391.80			

SAMPLES

Sample #	Analysis	Preserve	Container	LOT	LAB
251015/1352A	VOCs by 8260 LL	Ice/HCl	(3)40ml Vial	2795	ALS
——— /1353A	" " (FB)	"	"	"	"
——— /1354A	NDMA/DMN Bromacil by 607	Ice	(1)500ml Amber	119901	SRL
——— /1355A	NDMA LL	"	(1)1L Amber	NA	"
——— /1356A	" " (FB)	"	"	"	"
——— /1357A	Total Metals	Ice/HNO3	(2)125ml Poly	"	ALS
——— /1358A	" " (Dup)	"	"	"	"

Blind Controls

Sample #	Analysis	Preserve	Container	LOT	LAB
251015/1430A	NDMA LL	Ice	(1)1L Amber	25SD055A	ALS

Continued from page

Read and Understood By

10-15-2025

10-16-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-15-2025 Page _____ of _____

Sample Location: BLM. 41.670

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: UOG	607	IWDMA 4	Metals				Charge Number
										XGMD
251015 1352A	3	A	X							
1353A FB	3		X							
1354A	1			X						
1355A	1				X					
1356A FB	1				X					
1430A BC	1				X					
1357A	2					X				

Sample Location:

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Metals							Charge Number
251015 1358A Dup	2	A	X							

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	10.15.2025 1445			10-16-25 / 0820

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

WSTF 381C (05/2016)

AL MONTES & ROD BURROWS PRESENT. THE WEATHER IS CLEAR & SUNNY. THIS WELL WILL BE PURGED & SAMPLED USING A DEDICATED TEFLON BLADDER PUMP. SAMPLES TAKEN FROM A DEDICATED DEHP DISCHARGE TUBE CARBOY C-2

PARAMETERS	FINAL	METER I.D	BUFFERS	EXP
TIME : 251020 1025c	251020 1040c	PH/COND : 16	7 : cc810377	9-26
PH : 8.57	8.49	TURB MTR: 6	10: cc806765	7-26
TEMP: 20.9 °c	21.1 °c	" STD: 4.1 NTU		
COND: 2.73 MS/cm	2.74 MS/cm	" RDG: 4.06 NTU		
TURB: 10.0 NTU	9.10 NTU	" LOT#: A5027		
PH PRE : 6.99-10.01 (21.1c)	6.98-10.01 (22.1c)	" EXP: 10.31.25		
PH POST: 6.98-10.02	6.97-10.02			
DTW : 174.92 FT	174.92 FT			

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251020 1035c	8260	ICE. HCL	3-40ML VIALS	732496	ALS
—— 1037c	8260 (FB)	"	"	"	"
—— 1036c	8260 (DUP)	"	"	"	"

Continued from page NA

Read and Understood By

Signed 10.20.25 Date

Signed 10-21-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.20.25 Page 1 of 1

Sample Location: BW.3.180

Analytical Requirement: VOA 8260

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	VOA 8260							Charge Number
										XGMD
251020 1035c	3	A	x							
1037c (FB)	3	A	x							
1036c (DUP)	3	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:
	10.20.25 11:05			10-21-25 0820

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

WSTF 381C (05/2016)

10/2/25

PROJECT JER-1-483 WJI ENV-0110

Notebook No. D32#137 (B) 89

Continued from page N/A

Robert Burrows & Craig DelFerraro present. Weather is clear and cool. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 248 psi and sample pressur set @ 227 psi. Bubbler set @ 3psi and stable @ 7psi. The first 350m collected just prior to sampling will be discarded. Carboy B2 in use

Pre-parameters	Parameters	Meter ID
Time - 251002/2230 (B)	Time - 251002/1230 B	pH/Cond - 15
PH - 8.19	PH - 8.11	Turb - 20
Temp - 23.7°C	Temp - 23.7	" Std - 9.46 NTU
Cond - 1081 us/cm	Cond - 1090	" rdg - 9.50 NTU
Turb - 0.64 ntus	Turb - 0.61	" lot - A5022
pH pre - 6.94, 9.70 (28.7°C)	pH pre - 6.95 - 9.86	" Exp - 10/31/25
pH post - 6.96, 9.82	pH post - 6.96 - 9.91	

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251002/1232 B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
——— 1233 B	" (FB)	"	"	"	"
——— 1234 B	607/Bromacil	ice	(1) 500ml amb.	021990-1J	SRI
——— 1235 B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
——— 1236 B	" (FB)	"	"	"	"
——— 1322 B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	102824-1GJ	AL
——— 1323 B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	"
——— 1400 B	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"
——— 1401 B	Anions / Alk	ice	"	021025-2ERD	"
——— 1402 B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
——— 1403 B	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
——— 1404 B	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

* Total gallons purged :

* PPE used/required at this well: gloves & safety sunglasses.

Continued from page N/A

Read and Understood By

Signed

10-2-2025 Date

B-241

Signed

10-6-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.2.2025 Page 1 of 1

Sample Location: SEC. 1. 4183

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	VOC	607	NDMA LL	1,4 Dioxane	SVOC			Charge Number
										XGMD
251002/232 B	3	A	X							
1233 B FB	3		X							
1234 B	1			X						
1235 B	1				X					
1236 B FB	1				X					
1322 B	1					X				
1323 B	2						X			

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Metals	Anions IC/IC	TDS	Perchlorate	NO3/NO2			Charge Number
										XGMD
251002/400 B	2	A	X							
1401 B	2			X						
1402 B	1				X					
1403 B	1					X				
1404 B	1						X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	10.2.2025 1452		[signature]	10-6-25 / 0830

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

Robert Burrows & Craig Del Ferraro present. Weather is clear & cool. This well will be purged and sampled using a FLUTe system. Sampler will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 248 psi and sample pressure set @ 227 psi. Bubbler set @ 3 psi and stable @ 7 psi. The first 350ml collected just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters
Time - 251002/1237B
pH - 8.04
Temp - 23.4°C
Cond - 1115 ms/cm
Turb - 0.50
pH pre - 6.96·9.94
pH post - 6.96·9.95

Parameters
Time - 251002/1247B
PH - 8.10
Temp - 23.5
Cond - 1118
Turb - 0.47
pH pre - 6.97·9.96
pH post - 6.98·9.98

Meter ID
pH/Cond - 15
Turb - 20
" std - 9.46 NTU's
" rdg - 9.50 NTU's
" lot - A5022
" Exp - 10/31/25

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

Samples

Samples	Analysis	Preservative	Container	Lot	Lab
251002/1250B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
—/1251B	" (FB)	"	"	"	"
—/1252B	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SRL
—/1253B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
—/1254B	" (FB)	"	"	"	"
—/1327B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	102824-1GJ	ALS
—/1328B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	"
—/1415B	Total Metals	ice/HNO3	(2) 125ml pdys	031725-2AES	"
—/1416B	Anions/Alk.	ice	"	021025-2ERD	"
—/1417B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
—/1418B	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
—/1419B	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

↓Total gallons purged:

*PPE used/required at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

10.2.2025 Signed Date

Pete Mundt 10-2-25 Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-2-2025 Page 1 of 1

Sample Location: JER-1-563

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	VOC	607	NDMA LL	1,4 Dioxane	SVOC			Charge Number
										XGMD
251002 1250 B	3	A	X							
1251 B FB	3		X							
1252 B	1			X						
1253 B	1				X					
1254 B FB	1				X					
1327 B	1					X				
1328 B	2						X			

Sample Location:

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	metals	Anions/Alk	TDS	Perchlorate	200.7/200.8			Charge Number
										XGMD
251002 1415 B	2	A	X							
1416 B	2			X						
1417 B	1				X					
1418 B	1					X				
1419 B	1						X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	10.2.2025 1452			10-6-25 0830

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

Robert Burrows & 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 teflon discharge hose. This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 248psi and sample pressure set @ 227psi. Bubbler set @ 3psi and stable @ 7psi. The first 350ml collected just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters
Time - 251002 1300 B
PH - 8.05
Temp - 23.6°C
Cond - 1086 us/cm
Turb - 0.52 ntu's
pHpre - 6.97-9.95
pHpost - 6.96-9.95

Parameters
Time - 251002 1315 B
PH - 8.09
Temp - 23.7
Cond - 1091
Turb - 0.48
pHpre - 6.97-9.96
pHpost - 6.97-9.95

Meter ID
pH/cond - 15
Turb - 20
" std - 9.46 NTU's
" rdg - 9.50 NTU's
" lot - A5022
" Exp - 10/31/25

Buffers

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251002 1317A	VOA by 8260LL	ice/HCL	(3)40ml vials	2801	ALS
1318B	" (FB)	"	"	"	"
1319A	607/Bromacil	ice	(1) ~~1L Amb~~ 500ml amb.	021990IJ	SRL
1340B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
1341B	" (FB)	"	"	"	"
1342B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	102824-1GJ	ALS
1430C	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	"
1431C	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"
1432C	*" (MS)*	"	"	"	"
1433C	Anions/Alk.	ice	"	021025-2ERD	"
1434C	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
1435C	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
1436C	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

*Total gallons purged:

*PPE used/required at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Signed 10.2.2025 Date

Signed 10-6-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.2.2025 Page 1 of 1

Sample Location: JER1-683

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	VOC	607	1,4 Dioxane LL	1,4 Dioxane	SVOC			Charge Number
											Y SMD
251002 1317		3	D	X							
1318	FB	3		X							
1319		1			X						
1340		1				X					
1341	FB	1				X					
1342		1					X				
1430		2						X			

Sample Location:

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Metals	Anions / NH3	TDS	Perchlorate	1,4-Dioxane			Charge Number
											Y SMD
251002 1431 B		2		X							
1432 B	MS	2		X							
1433 B		2			X						
1434 B		1				X					
1435 B		1					X				
1436 B		1						X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
	10.2.2025 1452			10-6-25 / 0830

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

Tony Torrez & Craig DelFerraro present. Weather is clear & warm. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 5-20 min until parameters are stable and at least 4 gallons have been purged. Purge pressure set @ 265psi and sample pressure set @ 244psi. Bubbler set @ 3psi and stable @ 6psi. The first 350ml collected just prior to sampling will be discarded. Carboy G3 in use.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
2510060745B	VOA by 8260LL	ice/HCL	(3)40ml vials	2801	ALS
——— 0746B	Low Level NDMA	ice	(1)1L Amber	011990IJ	SRI

Pre-parameters
Time - 2510061125B
pH - 8.27
Temp - 25.2°C
Cond - 1165us/cm
Turb - 0.58 NTU's
pH pre - 7.01/10.03 (27.2°C)
pH post - 7.01/10.01

Parameters
Time - 2510061150B
pH - 8.19
Temp - 25.0°C
Cond - 1157us/cm
Turb - 0.48 NTU's
pH pre - 6.98/10.01 (28.3°C)
pH post - 6.99/10.01

Meter ID
pH/Cond - 16
Turb - 6
" std - 4.65 NTU's
" rdg - 4.74 NTU's
" lot - A5022
" Exp - 10/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2510061151B	VOA by 8260LL	ice/HCL	(3)40ml vials	2801	ALS
——— 1152B	" (FB)	"	"	"	"
——— 1153B	607/Bromacil	ice	(1)500ml amb.	021990IJ	SRI
——— 1154B	Low Level NDMA	"	(1)1L Amber	011990IJ	"
——— 1155B	" (Dupl.)	"	"	"	"
——— 1156B	" (FB)	"	"	"	"
——— 1220B	1,4 Dioxane by 8270D	"	(1)250ml amb.	102824-1GJ	ALS
——— 1221B	SVOA by 8270D	"	(2)500ml amb.	090224-1HY	"
——— 1222B	Total Metals	ice/HNO_3	(2)125ml polys	031725-2AES	"
——— 1223B	Anions/Alk.	ice	"	021025-2ERD	"

Continued from page N/A

Read and Understood By

Craig DelFerraro 10/6/25 Date

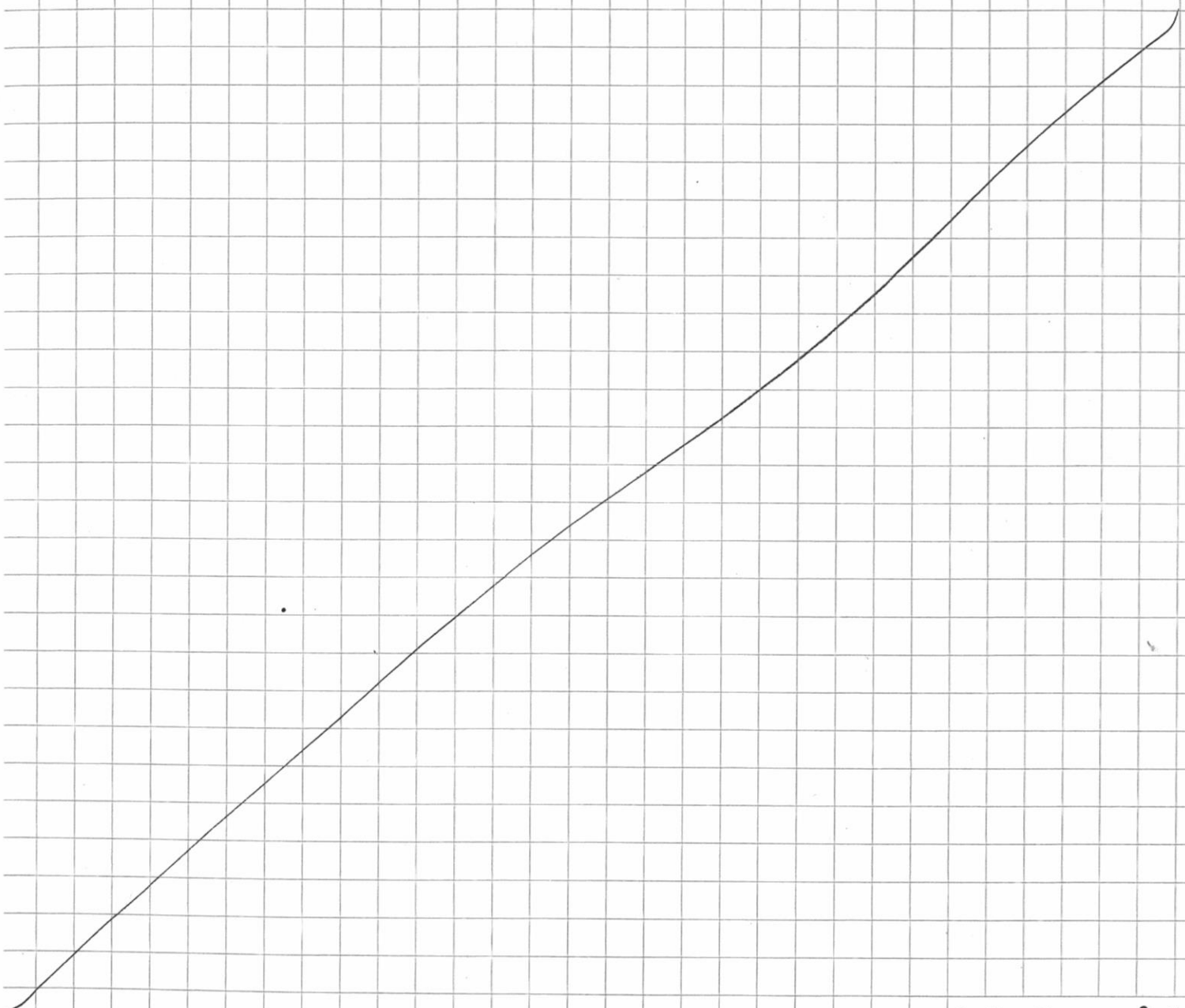
Peter W Munk 10-6-25 Signed Date

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251006 1250B	TDS by SM2540C	ice	(A) 250ml poly	052024-2ERA	ALS
——— 1251B	Perchlorate by 6850	"	(A) 125ml poly	110424-2ERD	"
——— 1252B	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

* Total gallons purged: 4

* PPE used at this location: gloves and safety sunglasses.



Continued from page 92

Read and Understood By

Craig DeStefano Signed 10/6/25 Date

Lori Wunderlich Signed 10-6-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/6/25 Page 1 of 1

Sample Location: JER-2-504

Sample Number	# of Containers	Sample Matrix*	8260 LL	607	LL NDMA	~~Dioxane~~			Charge Number
Pertinent Notes (if any)			Analytical Requirement						
251006 0745B (TB)	3	A	✓						XGMD
0746B (TB)	1	A			✓				"
1151B	3	A	✓						"
1152B (FB)	3	A	✓						"
1153B	1	A		✓					"
1154B	1	A			✓				"
1155 (Dupl.)	1	A			✓				"

Sample Location: JER-2-504

Sample Number	# of Containers	Sample Matrix*	LL NDMA	Dioxane	SVOA	Total Metals	Anions/Alk	TDS	Perchlorate NO2/NO3	Charge Number
Pertinent Notes (if any)			Analytical Requirement							
251006 1156B (FB)	1	A	✓							XGMD
1220B	1	A		✓						"
1221B	2	A			✓					"
1222B	2	A				✓				"
1223B	2	A					✓			"
1250B	1	A						✓		"
1251B	1	A							✓	"
1252B	1	A							✓	"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Fierro	10/6/25 / 1350hrs.		[signature]	10-7-25 / 0815

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

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is clear & warm. This well will be purged and sampled using a FLUTe system. This zone will be purged every 15-20 min until parameters stabilize and at least 4 gallons have been purged. Samples will be collected using a dedicated teflon discharge hose. Purge pressure set @ 265 psi and sample pressure set @ 244 psi. Bubbler set @ 3 psi and stable @ 6 psi. The first 350 ml collected just prior to sampling will be discarded. Carboy G3 in use.

Pre-parameters
Time - 251006/1135B
PH - 8.37
Temp - 25.1°c
Cond - 1204 us/cm
Turb - 0.41 NTU's
pH pre - 6.99/10.01 (28.4°c)
pH post - 6.98/10.00

Parameters
Time - 251006/1200B
PH - 8.42
Temp - 25.6°c
Cond - 1192 us/cm
Turb - 0.43 NTU's
pH pre - 6.96/9.98 (29.8°c)
pH post - 6.95/9.99

Meter ID
pH/Cond - 16
Turb - 6
" std - 4.65 NTU
" rdg - 4.74 NTU
" lot - A5022
" Exp - 10/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251006/1201B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
1202B	" (FB)	"	"	"	"
1203B	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SRI
1204B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
1205B	" (FB)	"	"	"	"
1240B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	102824-1GJ	ALS
1241B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	"
1242B	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"
1243B	Anions/Alk.	ice	"	021025-2ERD	"
1310B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
1311B	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
1312B	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

*Total gallons purged: 4

*PPE used/required at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferro — Signed — 10/6/25 — Date

Ben Mundt — Signed — 10-6-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/6/25 Page 1 of 1

Sample Location: JER-2-584

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	LL NDMA	Dioxane	SVOA			Charge Number
2510061201B		3	A	✓							XGMD
1202B (FB)		3	A	✓							u
1203B		1	A		✓						u
1204B		1	A			✓					u
1205B (FB)		1	A			✓					u
1240B		1	A				✓				u
1241B		2	A					✓			u

Sample Location: JER-2-584

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: Total Metals	Anions / Alk	TDS	Perchlorate	NO2/NO3			Charge Number
2510061242B		2	A	✓							XGMD
1243B		2	A		✓						u
1310B		1	A			✓					u
1311B		1	A				✓				u
1312B		1	A					✓			u

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zuno	10/6/25 / 1350hrs		[signature]	10-7-25 / 0815

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

WSTF 381C (05/2016)

Tony Torrez & 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 teflon discharge hose. This zone will be purged every 15-20 minutes until parameter stabilize and at least 4 gallons have been purged. Purge pressure set @ 265psi and sample pressure set @ 244psi. Bubbler set @ 3psi and bubbler set @ 7psi. The first 350ml collected just prior to sampling will be discarded. Carboy G3 in use.

Pre-parameters	Parameters	Meter ID
Time - 251007 1100B	Time - 251007 1120B	pH/Cond - 16
pH - 8.20	pH - 8.25	Turb - 6
Temp - 23.4°c	Temp - 23.0°c	" std - 4.65 NTU's
Cond - 1234 us/cm	Cond - 1226 us/cm	" rdg - 4.73 NTU's
Turb - 0.52 NTU's	Turb - 0.46 NTU's	" lot - A5022
pH pre - 7.05/10.07 (19.5°c)	pH pre - 7.03/10.04 (22.4°c)	" Exp - 10/31/25
pH post - 7.04/10.05	pH post - 7.02/10.04	

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251007 1121B	VOA by 8260LL	ice/HCL	(3) 40ml vials	N/A	ALS
—— 1122B	" (FB)	"	"	"	"
—— 1123B	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SRI
—— 1124B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
—— 1125B	" (FB)	"	"	"	"
—— 1145B	1,4 Dioxane by 8270D	"	(1) 250ml amb.	102824-1GJ	ALS
—— 1146B	SVOA by 8270D	"	(2) 500ml ambs.	090224-1HY	"
—— 1147B	Total Metals	ice/HNO3	(2) 125ml polys	031725-2AES	"
—— 1148B	Anions/Alk.	ice	"	021025-2ERD	"
—— 1210B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
—— 1211B	Perchlorate by 6850	"	(1) 125 ml poly	110424-2ERD	"
—— 1212B	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

*Total gallons purged: 4

*PPE used/required at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferraro Signed 10/7/25 Date

Tom Mundt Signed 10-7-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/7/25 Page 1 of 1

Sample Location: JER-2-684

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	607	LLNDMA	Dioxane	SVOA			Charge Number
Pertinent Notes (if any)										
251007 1121B	3	A	✓							XGMD
1122B (FB)	3	A	✓							"
1123B	1	A		✓						"
1124B	1	A			✓					"
1125B (FB)	1	A			✓					"
1145B	1	A				✓				"
1146B	2	A					✓			"

Sample Location: JER-2-684

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Total Metals	Anions / Alk.	TDS	Perchlorate	NO2 / NO3			Charge Number
Pertinent Notes (if any)										
251007 1147B	2	A	✓							XGMD
1148B	2	A		✓						"
1210B	1	A			✓					"
1211B	1	A				✓				"
1212B	1	A					✓			"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zuno	10/7/25 / 1300hrs.		[signature]	10-8-25 / 0800HRS

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

Matt Garcia & 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 G3 in use. PPE used = Nitrile gloves, safety glasses and boots.

Trip Blanks

Sample #	Analysis	Preserve	Container	Lot	Lab
251016 0710A	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2795	ALS
—— 0711A	NDMA LL	Ice	(1) 1L Amber	N/A	SRL

Initial Parameters	Final	Meter ID
Time = 251016 0930A	251016	pH/Cond = 18
pH = 9.14	9.10	Turb = 8
Temp = 21.8°C	21.8	STD = 1.90
Cond = 1297 us/cm	1293	RDG = 1.96
Turb = 1.14 ntus	1.13	Lot = A5022
pH [illegible] = 7.11 - 10.09 (26.5°C)	7.09 - 10.10	Exp = 10/25
pH Post = 7.09 - 10.06	7.07 - 10.10	
DTW = 419.65 ft.	419.86 ft.	

Samples

Sample #	Analysis	Preserve	Container	Lot	Lab
251016 0935A	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2795	ALS
—— 0936A	" " (FB)	"	"	"	"
—— 0937A	NDMA LL	Ice	(1) 1L Amber	N/A	SRL
—— 0938A	" " (FB)	"		"	"

Continued from page

Read and Understood By

10-16-2025 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-16-2025 Page _____ of _____

Sample Location: ~~Blank~~ SP-1-424

Pertinent Notes (if any)

Sample Number		# of Containers	Sample Matrix*	Analytical Requirement: VOCs	Analytical Requirement: IVPHA LL						Charge Number
251016071OA	TB	3	A	X							XGMD
0935A		3		X							
0936A	FB	3		Y							
0711A	TB	1			X						
0937A		1			Y						
0938A	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:
	10.16.2025 1030			10-20-25 / 0845

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

Matt Garcia & Dan Halvorsen present. Weather is clear, breezy and warm. This well will be purged and sampled using a dedicated bladder pump. Samples will be collected using a new PFAS free discharge hose. Carboy G3 in use. PPE used; Nitrile gloves, safety glasses and boots.

Initial Parameters	Final	meter ID
Time = 251016 1430A	251016 1440A	PH/COND = 18
PH = 8.97	8.92	TURB = 8
TEMP = 22.3°C	22.3	STD = 150
COND = 1330 us/cm	1326	RDG = 195
TURB = 2.01 NTU's	2.03	LOT = A5022
PHPRE = 7.03 · 10.07	7.02 · 10.04	EXP = 10/25
PHPOST = 7.02 · 10.08	7.02 · 10.04	
DTW = 420.65 ft.		

SAMPLES

SAMPLE *	Analysis	Preserve	Container	LOT	LAB
251016 1432A	VOA by 8260 LL	ICE/HCl	(3) 40 ml VIA	2795	ALS
—— 1433A	" " (FB)	"	"	"	"
—— 1434A	NOMA LL	ICE	(1) 1L Amber	N/A	SRJ
—— 1435A	" " (FB)	"	"	"	"

Continued from page

Read and Understood By

10-16-2025 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-16-2025 Page _____ of _____

Sample Location: JP-2-447

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	Analytical Requirement: DDMA LL						Charge Number
										XGMD
251016 1432A	3	A	4							
1433A FB	3		4							
1434A	1			1						
1435A FB	1			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:
[illegible]	10.16.2025 1505		[signature]	10-20-25 / 0845

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

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using an "approved" and PFAS free discharge hose. Carboy G3 in use.

Trip blanks - ~~Carboy~~ CO Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
251009 0725A	VOA by 8260LL	ice/HCL	(3) 40ml vials	N/A	ALS
——— 0726A	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI

Initial Parameters
Time - 251009 1045A
PH - 7.46
Temp - 22.8°C
Cond - 1310 us/cm
Turb - 0.41 NTU's
pHpre - 7.06/10.04 (18.0°C)
pHpost - 7.05/10.03

Final
Time - 251009 1054A
PH - 7.40
Temp - 23.0°C
Cond - 1302 us/cm
Turb - 0.33 NTU's
pHpre - 7.04/10.03 (19.1°C)
pHpost - 7.05/10.03

Meter ID
pH/Cond - 16
Turb - 6
" std - 4.65 NTU
" rdg - 4.72 NTU
" lot - A5022
" Exp - 10/31/25

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251009 1050A	VOA by 8260LL	ice/HCL	(3) 40ml vials	N/A	ALS
——— 1051A	" (FB)	"	"	"	"
——— 1052A	Low Level NDMA	ice	(1) 1L Amber	0119901J	SRI
——— 1053A	" (FB)	"	"	"	"

* Total gallons purged: 2

* PPE used/required at this location: gloves and safety sunglasses.

* Initial packer pressure ∅. The packer inside this well is damaged and cannot be inflated.

Continued from page N/A

Read and Understood By

Craig Del Ferro 10/9/25 Ron Munck 10-9-25
Signed Date Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/9/25 Page 1 of 1

Sample Location: JP-3-509

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA	Charge Number
2510090725A (TB)		3	A	✓		XGMD
0726A (TB)		1	A		✓	"
1050A		3	A	✓		"
1051A (FB)		3	A	✓		"
1052A		1	A		✓	"
1053A (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 Del Fiume	10/9/25/1230hrs.		[signature]	10-10-25 /0830

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

Tony Torrez & Craig Del Ferraro present. Weather is cloudy & warm. This well will be purged using a dedicated bladder pump. Samples will be collected using an approved and PFAS free discharge hose. Carboy G3.

Initial Parameters
Time - 251009 1200A
PH - 7.43
Temp - 23.4°C
Cond - 1317 us/cm
Turb - 0.33 NTU's
pH pre - 7.01 / 10.03 (24.8°C)
pH post - 7.00 / 10.03

Final
Time - 251009 1205A
PH - 7.38
Temp - 23.2°C
Cond - 1327 us/cm
Turb - 0.36 NTU's
pH pre - 7.02 / 10.01 (26.3°C)
pH post - 7.02 / 10.00

Meter ID
pH/Cond - 16
Turb - 6
" std - 4.65 N
" rdg - 4.72 N
" lot - A502
" Exp - 10/31/2

Buffers	Lot	Ex
7	CC810372	9/
10	CC806765	7/

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251009 1201A	VOA by 8260LL	ice/HCL	(3) 40ml vials	N/A	AL
——— 1202A	" (FB)	"	"	"	"
——— 1203A	Low Level NDMA	ice	(1) 1L Amber	01199 01J	SR
——— 1204A	" (FB)	"	"	"	

*Total gallons purged: 2

*PPE used/required at this location: gloves and safety sunglasses.

*Initial packer pressure Ø. The packer inside this well is damaged and cannot be inflated.

Continued from page N/A

Read and Understood By

Craig Del Ferro 10/9/25 Peter Munck 10-9-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/9/25 Page 1 of 1

Sample Location: JP-3-689

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260LL	Analytical Requirement: LLNDMA						Charge Number
251009 1201A	3	A	✓							XGMD
1202A (FB)	3	A	✓							"
1203A	1	A		✓						"
1204A (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	10/9/25 / 1230hrs.		[signature]	10-10-25 / 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	- 2510201345	PH/Cond	- Plume front	7	CC810872	9/26
PH	- 7.29	Turb	- Plume front	10	CC806765	7/26
Temp	- 27.8°C	= STD	- 9.58 NTU			
Cond	- 1005 us/cm	= RDG	- 9.60 NTU			
Turb	- 2.15 NTU	= LOT	- N/A			
PH pre	- 7.04 - 10.00 (37.9°C)	= Exp	- 10/31/25			
PH post	- 7.02 - 10.02					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	Lab
20102013 50	VOA by 8260	HCl/Ice	(3) 40ml vials		Al
— 1351	= (FB)	=	=	=	=
— 1352	Low Level NDMA	Ice	(1) 1L Amber		SR
— 1353	= (FB)	=	=	=	=
— 1354	60T/Bromaci	Ice	(1) 500ml Amber		=

Continued from page N/A

Read and Understood By

Signed — Date: 20 OCT 2025 — Signed: Pete Mundt — Date: 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-20-25 Page 1 of 1

Sample Location: PFE-4A

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOAs by 8260	LC NDMA 607/Bromide						Charge Number
										XGMA
2510201350	3	A	X							"
— 1351 (FB)	3	A	X							"
— 1352	1	A		X						"
— 1353 (FB)	1	A		X						"
— 1354	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]	10-20-25 (1410)		[signature]	10-21-25 / 0820

* 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	- 251020/1251	PH/Cond	- Plume front	7	CC810372	9/26
PH	- ~~7.29~~	Turb	- Plume Front	10	CC806765	7/26
Temp	- ~~30.3C~~ 27.1C	= STD	- 9.58 NTU			
Cond	- 989 us/cm	= RDG	- 9.60			
Turb	- 2.62 NTU	= LOT	- N/A			
PH pre	- 7.03 - 10.00 (20.1C)	= EXP	- 10/31/25			
PH post	- 7.04 - 10.02					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251020/1256	VOA by 8260	HCl/Ice	(3) 40 ml vials		ALS
— 1257	= (FB)	=	=		=
— 1258	607/Bromacil	Ice	(1) 500 ml Amber		STL

Continued from page N/A

Read and Understood By

Signed — Date: 20 Oct 2025 — Signed — Date: 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-20-25 Page 1 of 1

Sample Location: PFE-2

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Voa by 8260	Analytical Requirement: 607/Bromide						Charge Number
										X GMD
251020 1256	3	A	X							"
— 1257 (FB)	3	A	X							"
— 1258	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]	10-20-25 (1410)		[signature]	10-21-25 / 0820

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

Marcos 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	- 251020 1230	pH/Cond	- Plume Probe	7	CC61U372	9/26
pH	- 7.93	Turb	- Plume Probe	10	CC6L765	7/26
Temp	- 28.8 C	= STD	- 9.58 NTU			
Cond	- 864 uS/cm	= DOG	- 9.59 NTU			
Turb	- 0.47 NTU	= LOT	- N/A			
pH pre	- 7.00 - 10.01 (28.1 C)	= EXP	- 10/31/25			
pH post	- 7.02 - 10.04					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251020 1235	VOA by 8260	HCl Ice	(3) 40 ml vials		ALS
— 1236	= (Dup)	=	=	=	=
— 1237	= (FB)	=	=	=	=
— 1238	607/Bromacil	Ice	(1) 500 ml Amber		STL
— 1239	= (Dup)	=	=	=	=

Continued from page

Read and Understood By

Signed — Date: 20 OCT 2025 — Signed: Lori Munck — Date: 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-20-25 Page 1 of 1

Sample Location: PFE-5

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 10A by 9260	Analytical Requirement: 607/ Bromacil						Charge Number
										XGMD
251020 1235	3	A	X							
— 1236 (Dup)	3	A	X							
— 1237 (FB)	3	A	X							
— 1238	1	A		X						
— 1239 (Dup)	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]	10-20-25 (1410)		[signature]	10-21-25 / 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		Meter ID		Buffers	lot	
Time	- 251020 1310	pH/Cond - Plume Front		7	CC810872	9/26
pH	- 7.33	Turb - Plume Front		10	CC806765	7/26
Temp	- 27.1 C	= STD - 7.58				
Cond	- 992 us/cm	= TDS - 9.60				
Turb	- 0.35 NTU	= LOT - N/A				
pH pre	- 7.03 - 10.00 (35.9 C)	= EXP - 01/31/25				
pH post	- 7.02 - 10.04					

SAMPLES

Sample #	Analysis	Preserve	Container	lot	lab
251020 1315	VOA by 8260	HCl / Ice	(3) 40 ml vials		ALS
— 1316	= (FB)	=	=	=	=
— 1317	607/Bromacil	Ice	(1) 500 ml Amber		STL
— 1318	Low Level NDMA	=	(1) 1 L Amber		=
— 1319	= (Dup)	=	=	=	=
— 1320	= (FB)	=	=	=	=

Continued from page N/A

Read and Understood By

Signed — Date: 20 Oct 2025 — Signed — Date: 10-20-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-20-25 Page 1 of 1

Sample Location: PFE7

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOA by 8260	607/ Bromide	LL PFAS					Charge Number
										XCMD
251020 1315	3	A	X							"
—— 1316 (FB)	3	A	X							"
—— 1317	1	A		X						"
—— 1318	1	A			X					"
—— 1319 (Dup)	1	A			X					"
—— 1320 (FB)	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:
	10-20-25 (1410)			10-21-25 / 0820

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

41 NOTES & MATT GARCIA PRESENT. WEATHER IS HOT & CLEAR. THIS ZONE WILL BE SAMPLED USING STRIPE RINSED STAINLESS STEEL TUBES, GEN IN USE. PROBE #1539. SYSTEM CHECKS DONE PRIOR ON PROBE. PPE USED: GLOVES, GLASSES, HARD HAT. CARBOY G-1.

INITIAL PARAMETERS	FINAL	METER ID	BUFFERS	EXP
TIME: 2510020826y	2510020913y	PH/COND: 7	7 - CC810372	9·26
PH: 8.45	8.40	TURB MTR: 17	10 - CC806765	7·26
TEMP: 21.9 °C	22.3 °C	" STD: 50.2 NTU		
COND: 1272 uS/cm	1264 uS/cm	" RDG: 51.7 NTU		
TURB: 1.16 NTU	1.08 NTU	" LOT#: A5022		
PH PRE: 7.05-9.90 (15.6°C)	7.04-9.99 (16.9°C)	" EXP: 10·31		
PH POST: 7.05-9.92	7.03-9.98			
DTW: 475.89 FT	475.93 FT			
ATMOS: 12.57 PSIA	12.58 PSIA			

30MIN EQ BLANKS

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
2510011445y	8260 LL	ICE·HCL	3·40 ML VIALS	2801	ALS
——— 1447y	LL NDMA	ICE	1 LT AMBER	0114801K	SRL

SAMPLES

2510020900y	8260 LL	ICE·HCL	3·40 ML VIALS	2801	ALS
2510020902y	LL NDMA	ICE	1 LT AMBER	0114801K	SRL

RUN 1) 47.50 2) 47.49
53.04 53.08
53.08 53.04
47.50 47.49

Continued from page NA

Read and Understood By

10·02·25 Date

Signed

10-6-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-01-25 Page 1 of 1

Sample Location: PL-6-545

Sample Number	Pertinent Notes (if any)	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	Analytical Requirement: LL NDMA	Charge Number
251001 1445	(EB)	3	A	X		XGMD
1447	(EB)	1	A		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:
	10.01.25 3:05PM			10-2-25 / 0820

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10·02·25 Page 1 of 1

Sample Location: PL·6·545			Analytical Requirement							
Pertinent Notes (if any)	# of Containers	Sample Matrix*	LL 8260	LJ 20MA						XGMD
Sample Number										Charge Number
251002 0900y	3	A	x							
0902y	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:
	10.02.25 10am			10-6-25 /0830

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

WSTF 381C (05/2016)

AI MONTES & MATT GARCIA PRESENT. WEATHER IS WARM & CLEAR. THIS ZONE WILL BE SAMPLED USING 5 TRIPLE RINSED STAINLESS SAMPLE TUBES. GEN IN USE. PROBE #1539. SURFACE CHECKS DONE PRIOR TO PROBE PRE USED: GLOVES, SAFETY GLASSES & HARD HAT. CARBOY G-1. 30 MIN EQUIPMENT BLANKS DONE FIRST.

INITIAL PARAMETERS		FINAL	METER ID	BUFFERS	EXP
TIME : 251001 1010Y		251001 1046Y	PH/COND: 7	7 · CC810372	9-26
PH : 7.33		7.39	TURB MTR: 17	10 · CC806765	7-26
TEMP : 26.2 °C		25.6 °C	" STD: 50.2 NTU		
COND : 1187 US/cm		1176 US/cm	" RDG: 51.7 NTU		
TURB : 1.21 NTU		1.10 NTU	" LOT #: A5022		
PH PRE : 7.05-9.90	(33.5°C)	7.05-9.91 (31.9°C)	" EXP: 10/31		
PH POST: 7.04-9.91		7.04-9.80			
DTW : 475.83 FT		475.89 FT			
ATMOS: 12.55 PSIA		12.51 PSIA	IDW: 1gal		

SAMPLES

SAMPLE #	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251001 1042Y	LL 8260	ICE · HCL	3 · 40 ML VIALS	2801	ALS
0910Y	LL 8260 (FB)	"	"	"	"
0720Y	LL 8260 (TB)	"	"	"	"
1045Y	LL NDMA	ICE	1 LT AMBER	0114801K	SR
0913Y	LL NDMA (FB)	"	"	"	"
0722Y	LL NDMA (TB)	"	"	"	"

RUN 1) 126.09 2) 126.07
132.11 132.10
132.12 132.13
126.10 126.03

Continued from page NA

Read and Understood By

10.01.25 Pam Munde 10-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.01.25 Page 1 of 1

Sample Location: PL.6.725

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: LL8260	LLNDMA						Charge Number
										XGMD
251001 1042y	3	A	x							
0910y (EB)	3	A	x							
0720y (TB)	3	A	x							
1045y	1	A		x						
0913y (EB)	1	A		x						
0722y (TB)	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:
	10.01.25 11AM			10-2-25 / 0820

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

WSTF 381C (05/2016)

Robert Burrows & Dan Halvorsen present. Weather is clear and warm. This well will be sampled using 2 stainless steel sampling tubes. Surface checks performed on Probe #1539 prior to sampling. Generator in use.

PPE used:- gloves, hard hat, boots, safety glasses.

30 minute Equipment blanks (Carboy GL)

Sample #	Analysis	Preserve	Container	Lot	Lab
251006/1000 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2801	ALS
—— /1001 y	NDMA LL	Ice	(1) 1L Amber	114801	SRL

Initial Parameters	Final Parameters	Meter ID
251006/1255 y	251006/1405 y	PH/COND = 7
PH = 8.47	8.39	TURB = 17
TEMP = 26.7°C	26.6	" STD = 50.2
COND = 1359 us/cm	1336	" RDG = 50.4
TURB = 3.82 ntus	3.67	" LOT = A50223
PUMP = 7.01 - 9.76 @ 39.2°C	7.02 - 9.96	" EXP = 10/25
PURGE = 6.99 - 9.78	7.01 - 9.97	
PRESS = 12.50 psig	12.50	
DTW = 472.87 ft.	472.93	

SAMPLES

Sample #	Analysis	Preserve	Container	Lot	Lab
251006/1300 y	VOA by 8260 LL	Ice/HCl	(3) 40 ml Vial	2801	ALS
—— 1301 y	NDMA LL	Ice	(1) 1L Amber	114801	SRL
—— 1400 y	SVOA-SIM	"	(2) 250 ml Amber	V1A	ALS

Runs:- 1)	2)	3)	4)
20.31	20.32	20.31	20.29
20.35	20.35	20.34	20.34
20.36	20.35	20.35	20.35
20.31	20.31	20.31	20.29

Continued from page

Read and Understood By

10-6-2025 D Wiely 10/6/25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-6-2025 Page _____ of _____

Sample Location: PL-10-4184

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOC	IDMA LL	SVOC-SIM					Charge Number
										XGMD
251006 1000 y EB	3	A	X							
1330 y	3		6							
1001 y EB	1			X						
1331 y	1			6						
1400 y	1				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:
	10.6.2025 1510			10-7-25 0815

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

WSTF 381C (05/2016)

AI NOTES & MATT GARCIA PRESENT. WEATHER IS HOT & CLEAR. THIS ZONE WILL BE SAMPLED USING 2 STAINLESS STEEL TUBES. GEN IN USE. PROBE #4951 SYSTEM CHECKS DONE PRIOR ON PROBE. PPE: GLOVES, GLASSES, HARD HAT, CARHARTT G-1

INITIAL PARAMETERS	FINAL
TIME: 251006 0845y	251006 0920y
PH : 8.22	8.16
TEMP: 21.2°C	21.2
COND: 1386 us/cm	1383
TURB: 1.65 ntu's	1.61
PH PRE: 7.13-9.85 (16.9)	7.10-9.90
PH POST: 7.10-9.87	7.10-9.91
DTW: 472.80 ft	472.87
ATMOS: 12.47 psia	12.47 psia

METER ID	BUFFERS	EXP
PH/COND: 17	7: CC810372	9/26
TURB MTR: 7	10: CC806765	7/26
" STD: 50.2		
" AAG: 50.6		
" LOT#: A5022		
" EXP: 10/25		

30 MIN EQ BLANKS

SAMPLE#	ANALYSIS	PRESERV	CONTAINER	LOT#	LAB
251002 1320y	8260 LL	ICE·HCL	3·40 mL VIALS	2801	ALS
251002 1326y	LL NDMA	ICE	1LT AMBER	01148.01K	SRL

SAMPLES

251006 0912y	LL 8260	ICE·HCL	3·40 mL VIALS	2801	ALS
251002 1025y	LL 8260 (TB)	"	"	"	"
251006 0913y	LL NDMA	ICE	1LT AMBER	01148.01K	SRL
251002 1027y	LL NDMA (TB)	"	"	"	"
251006 0914y	SUOA 1,4 DIOXANE				

RUNS- 1) 67.23 2) 67.22
67.13 67.12
67.13 67.11
67.22 67.21

Robert Burrows & Dan Halvorsen
Continued on 10·06·2025

*PROBE #4951 NOT CONNECTING TO MOSDAX. CHANGING PROBE 1539 TO MP-55 COM ISSUES WERE LOOSE CONNECTIONS.

Continued from page

Read and Understood By

10·6·2025 D Wiley 10/6/25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10.02.25 Page 1 of 1

Sample Location: PL-10.592

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	LL8260	LL NDMA						Charge Number
										XGMD
25002 1320y (EB)	3	A	x							
1025y (TB)	3	A	x							
1326y (EB)	1	A		x						
1027y (TB)	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:
	10.02.25 3PM			10-6-25 / 0830

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

WSTF 381C (05/2016)

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-06-2025 Page _____ of _____

Sample Location: PL-10-592

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement							Charge Number
			UOA	IUOMA LL	SUOA - SIM					XGMD
251006 0912Y	3	D								
0913Y	1									
0914Y	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:
	10-6-2025 1510			10-7-25 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 & warm. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 228 psi and sample pressure set @ 207psi. Bubbler set @ 3psi and stable @ 6psi. The first 350ml collected just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters

Time - 2510011100B
PH - 7.85
Temp - 21.9°C
Cond - 1102 us/cm
Turb - 0.71 NTU's
pH pre - 7.03/10.02 (24.4°C)
pH post - 7.04/10.01

Parameters

Time - 2510011135B
PH - 7.72
Temp - 22.3°C
Cond - 1088 us/cm
Turb - 0.64 NTU's
pH pre - 7.02/10.01 (25.1°C)
pH post - 7.03/10.00

Meter ID

pH/Cond - 15
Turb - 20
" Std - 9.46 NTU's
" rdg - 9.49 NTU's
" lot - A5022
" Exp - 10/31/25

Buffers Lot Exp

7 CC810372 9/26
10 CC806765 7/26

*Only 3 gallons purged due to this zone producing poorly.

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2510011136B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
—— 1137B	" (FB)	"	"	"	"
—— 1138B	607/Bromacil	ice	(1) 500ml amb.	N/A	SRI
—— 1210B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
—— 1211B	" (FB)	"	"	"	"
—— 1212B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	ALS
—— 1255B	Total Metals	ice/HNO3	(2) 125ml poly	031725-2AES	"
—— 1256B	" (Dupl.)	"	"	"	"
—— 1257B	Anions/Alk.	ice	"	021025-2ERD	"
—— 1258B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
—— 1259B	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
—— 1300B	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

*Total gallons purged : 3

*PPE used/required at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 10/1/25 Signed Date

Per Munch 10-1-25 Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/1/25 Page 1 of 1

Sample Location: ST-7-544

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260LL	607	LLNDMA	SVOA	Total Metals			Charge Number
251001 1136B	3	A	✓							XGMD
1137B (FB)	3	A	✓							4
1138B	1	A		✓						4
1210B	1	A			✓					4
1211B (FB)	1	A			✓					4
1212B	2	A				✓				4
1255B	2	A					✓			6

Sample Location: ST-7-544

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Total Metals	Anions/Alk.	TDS	Perchlorate	NO2/NO3			Charge Number
251001 1256B (Dupl)	2	A	✓							XGMD
1257B	2	A		✓						4
1258B	1	A			✓					4
1259B	1	A				✓				4
1300B	1	A					✓			4

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelZenno	10/1/25/1410 hrs.			10-2-25 / 0820

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

10/1/25

PROJECT ST-7-779 WJI ENV-0110 FLUTe

Notebook No. D32 #137(B) 87

Continued from page N/A

Robert Burrows & Craig Del Ferraro present. Weather is clear & warm. this well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 min until 4 gallons has been collected. 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 G2 in use

Pre-parameters
Time - 251001110 5B
PH - 8.06
Temp - 22.3°C
Cond - 1195 us/cm
Turb - 0.47 NTU's
pHpre - 7.02/10.01 (24.9°C)
pHpost - 7.01/10.02

Final
Time - 251001114 0B
PH - 8.00
Temp - 22.8°C
Cond - 1206 us/cm
Turb - 0.44 NTU's
pHpre - 6.96/9.99 (28.7°C)
pHpost - 6.96/9.98

Meter ID
pH/Cond - 15
Turb - 20
" Std - 9.46 NTU's
" rdg - 9.48 NTU's
" lot - A5022
" Exp - 10/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251001 1141B	VOA by 8260LL	ice/HCL	(3) 40ml vials	2801	ALS
—— 1142B	" (FB)	"	"	"	"
—— 1143B	607/Bromacil	ice	(1) 500ml amb.	N/A	SRI
—— 1225B	Low Level NDMA	"	(1) 1L Amber	0119901J	"
—— 1226B	" (FB)	"	"	"	"
—— 1227B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	ALS
—— 1310B	Total Metals	ice/HNO3	(2) 125ml polys	031725-2AES	"
—— 1311B	Anions/Alk.	ice	"	021025-2ERD	"
—— 1312B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
—— 1313B	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
—— 1314B	NO2/NO3 by 353.2	ice/H2SO4	(1) "	051225-4ELR	"

*Total gallons purged: 4

*PPE used/required at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 10/1/25
Signed Date

Lori Munch 10-1-25
Signed Date

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

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/1/25 Page 1 of 1

Sample Location: ST-7-779

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260 LL	607	LL NDMA	SVOA	Total Metals			Charge Number
251001 1141B	3	A	✓							XGMD
1142B (FB)	3	A	✓							"
1143B	1	A		✓						"
1225B	1	A			✓					"
1226B (FB)	1	A			✓					"
1227B	2	A				✓				"
1310B	2	A					✓			"

Sample Location: ST-7-779

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Anions/Alk.	TDS	Perchlorate	NO2/NO3				Charge Number
251001 1311B	2	A	✓							XGMD
1312B	1	A		✓						"
1313B	1	A			✓					"
1314B	1	A				✓				"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Deltemo	10/1/25 / 1410hrs		[signature]	10-2-25 / 0820

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

10/1/25

88 970

PROJECT ST-7 ~~920~~ WSI ENV-0110 FLUTe

Notebook No. D32 #137 (B)

Continued from page N/A

Robert Burrows & Craig DelFerraro present. Weather is clear & warm. This well will be purged and sampled using a FLUTe system. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 min until 4 gallons has been collected. Purge pressure set @ 228ps and sample pressure set @ 207psi. Bubbler set @ 3psi and stable @ 6psi. The first 350ml collected just prior to sampling will be discarded. Carboy G2 in use.

Pre-parameters

Time - 2510011110B
PH - 7.33
Temp - 22.6°C
Cond - 937us/cm
Turb - 0.38 NTU's
pHpre - 6.98/10.01 (26.5°C)
pHpost - 6.99/10.01

Parameters

Time - 2510011155B
PH - 7.39
Temp - 23.0°C
Cond - 945us/cm
Turb - 0.32 NTU's
pHpre - 6.95/9.97 (29.8°C)
pHpost - 6.94/9.98

Meter ID

pH/Cond - 15
Turb - 20
" Std - 9.46 NTU
" rdg - 9.48 NTU
" lot - A5022
" Exp - 10/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
2510011156B	VOA by 8260LL	ice/HCl	(3) 40ml vials	2801	ALS
——— 1157B	" (FB)	"	"	"	"
——— 1158B	607/Bromacil	ice	(1) 500ml amb.	N/A	SRJ
——— 1235B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
——— 1236B	" (FB)	"	"	"	"
——— 1237B	SVOA by 8270D	"	(2) 500ml amb.	090224-1HY	ALS
——— 1325B	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"
——— 1326B	Anions/Alk.	ice	"	021025-2ERD	"
——— 1327B	TDS by SM2540C	"	(1) 250ml poly	052024-2ERG	"
——— 1328B	Perchlorate by 6850	"	(1) 125ml poly	110424-2ERD	"
——— 1329B	NO_2/NO_3 by 353.2	ice/H_2SO_4	"	051225-4ELR	"

*Total gallons purged: 4

*PPE used/required at this well: gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig DelFerraro 10/1/25
Signed Date

Signed Date 10-1-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/1/25 Page 1 of 1

Sample Location: ST-7-970

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260 LL	607	LLNOMA	SVOA	Total Metals			Charge Number
2510011156B	3	A	✓							XGMD
1157B (FB)	3	A	✓							"
1158B	1	A		✓						"
1235B	1	A			✓					"
1236B (FB)	1	A			✓					"
1237B	2	A				✓				"
1325B	2	A					✓			"

Sample Location: ST-7-970

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Anions / Alk.	TDS	Perchlorate	NO2 / NO3				Charge Number
2510011326B	2	A	✓							XGMD
1327B	1	A		✓						"
1328B	1	A			✓					"
1329B	1	A				✓				"

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Dalton	10/1/25/1410hrs.			10-2-25 /0820

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

WSTF 381C (05/2016)

Tony Torrez & Craig Del Ferraro present. Weather is cloudy, cool, & windy. This well will be purged and sampled using a FLUTe system. This zone will be purged every 15-20 min. until parameters are stable and at least 4 gallons have been purged. Samples will be collected using a dedicated Teflon discharge hose. Purge pressure set @ 224psi and sample pressure set @ 203 psi. Bubbler set @ 3psi and stable @ 6psi. The first 350 ml collected just prior to sampling will be discarded. Carboy G3 in use.

Trip blanks - Water purification system

Sample	Analysis	Preservative	Container	Lot	Lab
251008073OB	VOA by 8260LL	ice/HCL	(3)40ml vials	N/A	ALS
——— 0731B	Low Level NDMA	ice	(1)1L Amber	011990IJ	SRI

Pre-parameters
Time - 251008 1115B
pH - 7.36
Temp - 24.2°C
Cond - 1309 us/cm
Turb - 0.50 NTU's
pH pre - 7.05/10.07 (18.4°C)
pH post - 7.04/10.07

Parameters
Time - 251008 1140B
pH - 7.30
Temp - 23.8°C
Cond - 1297 us/cm
Turb - 0.44 NTU's
pH pre - 7.04/10.06 (18.1°C)
pH post - 7.05/10.07

Meter ID
pH/Cond - 16
Turb - 6
" Std - 4.65 NTU's
" rdg - 4.70 NTU's
" lot - A5022
" Exp - 10/31/25

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

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251008 1141B	VOA by 8260LL	ice/HCL	(3)40ml vials	N/A	ALS
——— 1142B	" (FB)	"	"	"	"
——— 1143B	607/Bromacil	ice	(1)500ml amb.	021990IJ	SRI
——— 1144B	Low Level NDMA	"	(1)1L Amber	011990IJ	"
——— 1145B	" (FB)	"	"	"	"
——— 1146B	SVOA by 8270D	"	(2)500ml ambs.	090224-1HY	ALS
——— 1215B	Total Metals	ice/HNO3	(2)125ml polys	031725-2AES	"

*Total gallons purged: 4

*PPE used/required at this location: gloves and safety sunglasses.

Continued from page

Read and Understood By

Craig Del Ferraro 10/8/25 Signed Date

Tom Mundt 10-8-25 Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/8/25 Page 1 of 1

Sample Location: WW-5-459

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	LLNDMA					Charge Number
251008 0730B (TB)	3	A	✓							XGMD
0731B (TB)	1	A			✓					u
1141B	3	A	✓							u
1142B (FB)	3	A	✓							u
1143B	1	A		✓						u
1144B	1	A			✓					u
1145B (FB)	1	A			✓					u

Sample Location: WW-5-459

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: SVOA	Total Metals						Charge Number
251008 1146B	2	A	✓							XGMD
~~1214~~ 1215B	2	A		✓						u

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig DelTorro	10/8/25/1320 hrs.			10-9-25 /0815

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

Tony Torrez & Craig Del Ferraro present. Weather is cloudy, cool, & windy. This well will be purged and sampled using a FLUTe system. This zone will be purged every 15-20 min until parameters are stable and at least 4 gallons have been purged. Samples will be collected using a dedicated teflon discharge hose. Purge pressure set @ 224 psi and sample pressure set @ 203 psi. Bubbler set @ 3psi and stable @ 6psi. The first 350ml collected just prior to sample collection will be discarded. Carboy G3 in use.

Pre-parameters	Parameters	Meter, ID
Time - 251008 1125B	Time - 251008 1200B	pH/Cond - 16
PH - 7.26	PH - 7.33	Turb - 6
Temp - 23.8°C	Temp - 23.3°C	" std - 4.65 NTU
Cond - 1168 us/cm	Cond - 1176 us/cm	" rdg - 4.70 NTU
Turb - 0.36 NTU's	Turb - 0.35 NTU's	" lot - A5022
pH pre - 7.04/10.06 (18.8°C)	pH pre - 7.05/10.06 (19.0°C)	" Exp - 10/31/25
pH post - 7.05/10.05	pH post - 7.04/10.06	

Buffers	Lot	Exp
7	CC810372	9/2
10	CC806765	7/2

Samples

Sample	Analysis	Preservative	Container	Lot	Lab
251008 1201B	VOA by 8260LL	ice/HCL	(3) 40ml vials	N/A	ALS
——— 1202B	" (FB)	"	"	"	"
——— 1203B	607/Bromacil	ice	(1) 500ml amb.	021990IJ	SR
——— 1204B	Low Level NDMA	"	(1) 1L Amber	011990IJ	"
——— 1205B	" (~~DP~~) Dupl.	"	"	"	"
——— 1206B	" (FB)	"	"	"	"
——— 1235B	SVOA by 8270D	"	(2) 500ml ambs.	090224-1HY	AL
——— 1236B	Total Metals	ice/HNO_3	(2) 125ml polys	031725-2AES	"

*Total gallons purged: 4

*PPE used/required at this location gloves and safety sunglasses.

Continued from page N/A

Read and Understood By

Craig Del Ferraro 10/8/25

Ben Munck 10-8-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10/8/25 Page 1 of 1

Sample Location: WW-5-579

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	607	LLNDMA	SVOA				Charge Number
251008/201B	3	A	✓							XGMD
1202B (FB)	3	A	✓							"
1203B	1	A		✓						"
1204B	1	A			✓					"
1205B (Dupl.)	1	A			✓					"
1206B (FB)	1	A			✓					"
1235B	2	A				✓				"

Sample Location: WW-5-579

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: Total Metals							Charge Number
251008/236B	2	A	✓							XGMD

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Craig Del Zenno	10/8/25/1320hrs.		[signature]	10-9-25 / 0815

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

Robert Burrows & Dan Halvorsen is present. Weather is cloudy & wet & Cool. This well will be purged & sampled using a Flute system. Samples will be collected using a dedicated teflon discharge hose. This zone will be purged every 15-20 min until parameters stabilize and at least 4 gals. Have been purged. Purge pressure set @ 224 psi and sample pressure set @ 203 psi. Bubbler set @ 3.5 psi and stable @ 6 psi. The first 350 ml collected just prior to sampling will be discarded. Caribou-G-3 in use. PPE used/required at this well: Gloves & Safety Glasses. Transducer not Reading. Started Raising During Sampling.

Parameters		Final Parameters		Meter ID		
Time	251013 1035 B	Time	251013 1138 B	pH/Cond	16#	
pH	7.85	pH	8.49	Turb	6#	
Temp	21.2 (°C)	Temp	21.6 (°C)	" "	Std.	4.65 (units)
Cond	1184 (us/cm)	Cond	1147 (us/cm)	" "	Rdg	4.51 (units)
Turb	0.48 (units)	Turb	0.64 (units)	" "	Lot#	A-5022
pH Pre	6.90/9.57 (18.5°C)	pH Pre	6.98/9.48 (20.0°C)	" "	Exp	10/31
pH Post	6.95/9.59 (18.7°)	pH Post	6.99/9.57 (20.1°C)			
DTW	N/A	IDW	4 gals.			

Buffers	Lot#	Exp
7	cc810372	9/26
10	cc806765	9/26

Samples

Sample #	Analysis	Preservative	Container	Lot#	Lab
251013 1107 B	VOA by 8260D	ICE/HCl	(3) 40 ml vials	477419	ALS
—— 1108 B	" " (FB)	" "	(3)	" "	" "
—— 1109 B	EDB/Biomarker	ICE	(1) 500ml Amb.	021901J	SAI
—— 1131 B	Low level VOA	" "	(1) 1L Amber	011901J	" "
—— 1132 B	" " (EB)	" "	(1) " "	" "	" "
—— 1133 B	SVOA by 8270D	" "	(2) 500 ml Amber	090224-1HY	ALS
—— 1134 B	Total metals	ICE/HNO3	(2) 125 ml poly	031725-2AES	" "

Continued from page N/A

Read and Understood By

Robert Burrows 10-13-25 Dan Halvorsen 10-14-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-13-25 Page 1 of 1

Sample Location: WW-5-809

Pertinent Notes (if any)

TA52 memo – 15 282

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: VOAs by 8260 LL	Low Level VOAs	GST / Bromide	SVOAs by 8270 D	TOTAL METALS			Charge Number
										X6mD
251013 1107B	3	A	X							
1108B (FB)	3		X							
1109	1			[illegible]	X					
1131B	1			X						
1132B (FB)	1			X						
1133B	2					X				
1136B	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:
Robert Burnett	10-13-25 / 12:30		[signature]	10-14-25 / 0815

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

PROJECT MW-5-909 WSI ENV-0110 10-13-25

Notebook No. D-32# 14/(B)

Continued from page N/A

Robert Burrows & Don Halvorsen is present. Weather is Cloudy & Wet & Cool. This well will be purged & Sampled using a Flute system. Samples will be collected using a dedicated Teflon discharge tube. This zone will be purged every 15-20 min. until parameter Stabilize and at least 4 gals purged. Purge pressure set @ 22 psi. and sample pressure set @ 20 psi.. Bubbler set @ 3.5 psi and stable @ 6 psi. The First 350 ml collected just prior to Sampling will be discarded. Carboy G-3 in use. PPE used/Required @ this well: Nitrile gloves & Safety Glasses. Transducer not Reading. Started Raining During Sampling.

Parameters	Final Parameters	Meter I.D
Time - 251013 1040 B	Time - 251013 1148 B	pH/Cond - 16#
pH - 7.55	pH - 8.40	Turb - 6#
Temp - 22.2 (°C)	Temp - 21.2 (°C)	" " STd - 4.65 (ntus)
Cond - 1603 (us/cm)	Cond - 1524 (us/cm)	" " Rdg - 4.51 (ntus)
Turb - 0.41 (ntus)	Turb - 0.49 (ntus)	" " Lot# - A-0022
pH Pre - 6.95/9.56 (18.0°C)	pH Pre - 7.01/9.98 (20.1°C)	" " Exp - 10/31
pH Post - 6.97/10.00 (18.7°C)	pH Post - 7.01/9.96 (19.3°C)	
ATW - N/A	IOW - 4 gals.	

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

Samples

Sample #	Analysis	Preservative	Container	Lot#	Lab
251013 1119 B	voaby 8260 2L	HCl/ICE	(3) 40 ml vials	477419	ALS
—— 1120 B	" " (FB)	" "	(3) " "	" "	" "
—— 1121 B	607/Bromacil	ICE	(1) 1-500 ml Amber	02199013	SRE
—— 1139 B	low level NDMA	" "	(1) 12 Amber	01199013	" "
—— 1140 B	" " (FB)	" "	(1) " "	" "	" "
—— 1143 B	SVOA by 8270 D	" "	(2) 500 ml Amber	090224-1MY	ALS
—— 1145 B	Total metals	ICE/HNO3	(2) 125 ml poly	031125-ZAES	" "

Continued from page N/A

Read and Understood By

Robert Burrows 10-13-25 Don Halvorsen 10-14-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10-13-25 Page 1 of 1

Sample Location: UW-5-909

Pertinent Notes (if any)

TASK-MOMO-15283

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	Voa by 8260D2	607/Bromide	Low Level VOA	Sivoa by 8270D	Total Metals			Charge Number
										XGMD
251013 1119B	3	A	X							
1120B (FB)	3		X							
1121B	1			X						
1139B	1				X					
1140B (FB)	1				X					
1143B	2					X				
1145B	2						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:
Robert Benrud	10/13/25 / 12:30			10-14-25 / 0815

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

PROJECT WELL K WJI ENV0012

Notebook No. DW #9

Continued from Page

M. AVALOS, R. MIRABAL PRESENT. WEATHER IS CLEAR & COLD. CARBOY G-3 IN USE.

PARAMETERS

TIME = 0900 HRS
PH = 7.84
TEMP = 21.4°C
COND = 1037 µS/cm
TURB = 1.82 NTUS
PH PRE = 7.02-10.05 (15.4°C)
PH POST = " "

METER ID #

PH/COND = 12
TURB = 7
" STD = 47.4 NTUS
" RDG = 48.2 NTUS
" LOT = A3293
" EXP = 1/31

BUFFERS

7 CC778793 4
10 CC783411 9

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINERS	LAB
25 01 14 0905	VOA 8260 LL	ICE/HCL	(3) 40mL VIALS	ALS
—— 0906	" (FB)	"	" "	"
25 01 14 0907	LOW LEVEL NDMA	ICE	(1) AMBER	SWRI
—— 0908	" (FB)	"	" "	"

Continued on Page

Read and Understood By

Richard M. C — Signed — 14 JAN 25 — Date

B-294

Jon W Mundt — Signed — 1-15-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 14 JAN 25 Page 1 of 1

Sample Location: WELL M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
2501140845	3	A	X							
" 0846	3	A		X						
" 0847	1	A			X					
" 0848	1	A				X				

Sample Location: WELL K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
2501140905	3	A	X							
" 0906	3	A		X						
" 0907	1	A			X					
" 0908	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
MINDBAL	14 JAN 25 / 1020			1-15-25 / 0850

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

U. Avalos, R. Mirabal present, Weather is clear & cold. Carboy G-3 in use.

Parameters

Time = 0840 hrs
pH = 7.68
Temp = 24.3°C
Cond = 1033 uS/cm
Turb = 1.47 NTUs
pH Pre = 7.02 - 10.05 (15.4°C)
pH Post = " "

Meter ID #

pH/Cond = 12
Turb = 7
" STD = 47.4 NTUs
" RDG = 48.2 NTUs
" Lot = A3293
" Exp = 1/31

Buffers

7 CC779793 6/25
10 CC783411 8/25

Samples

Sample #	Analysis	Preservative	Container	Lab
25014 0845	VOA 8260 LL	ICE/HCl	(3) 40mL VIALS	ALS
0846	" (FB)	"	" "	"
25014 0847	Low Level NDMA	ICE	(1) 1L AMBER	SWRL
0848	" (EB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal — Signed
14 JAN 25 — Date
Tom Mumck — Signed
1-15-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 14 JAN 25 Page 1 of 1

Sample Location: WELL M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)			Charge Number
2501140845	3	A	X						XGMD
" 0846	3	A		X					
" 0847	1	A			X				
" 0848	1	A				X			

Sample Location: WELL K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)			Charge Number
2501140905	3	A	X						XGMD
" 0906	3	A		X					
" 0907	1	A			X				
" 0908	1	A				X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
MINOBAL	14 JAN 25 / 1020			1-15-25 / 0850

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

WSTF 381C (05/2016)

T. TORRES, R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CORBAY G-3 IN USE.

PARAMETERS

TIME = 1325 HRS
PH = 7.72
TEMP = 25.0°C
COND = 103 (us/cm
TURB = 2.92 NTUS
PH PRE = 7.02-10.05 (24.2°C)
PH POST = " "

METER ID #

PH/COND = 91
TURB = 8
" STD = 9.50 NTUS
" RDG = 9.45 NTUS
" LOT = A3333
" EXP = 28 FEB 25

BUFFERS

7 CC779793 6/2
10 CC783411 9/2

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250203 1330	VOA 8260 LL	ICE/HCL	(3) 40ML VIALS	ATS
—— 1331	" (FB)	"	" "	"
250203 1332	LOW LEVEL NDMA	ICE	(1) (L AMBER	SWRI
—— 1333	" (FB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal 3 FEB 25 — B-298 — Jon W Nunn 2-4-25

Signed Date Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: ~~03/05/25~~ RM 3 FEB 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	E260 LL	E260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250203 1310	3	A	X							
" 1311	3	A		X						
" 1312	1	A			X					
" 1313	1	A				X				

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	E260 LL	E260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250203 1330	3	A	X							
" 1331	3	A		X						
" 1332	1	A			X					
" 1333	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
MIRABAL	3 FEB 25 / 1415		[signature]	2-4-25 / 0800

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

WSTF 381C (05/2016)

T. TOMKIES, R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY C-3 IN USE.

PARAMETERS

TIME = 1305 HRS
PH = 7.74
TEMP = 24.5 C
COND = 1057 uS/cm
TURB = .66 NTUS
PH PRE = 7.00 - 10.01 (23.5 C)
PH POST = " "

METER ID #

PH/COND = 91
TURB = 8
" STD = 9.42 NTUS 9.50
" RDG = 9.50 NTUS 9.42
" LOT = A3333
" EXP = 28 FEB 25

BUFFERS

7 CC776793 6/2
10 CC783411 8/2

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250203 1310	VOA 8260 LL	ICE/HCL	(3) 40 ml VIALS	ALS
—— 1311	" (FB)	"	" "	"
250203 1312	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
—— 1313	" (FB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal — Signed — 3 FEB 25 — Date

Tom Tomkies — Signed — 2-4-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: ~~03/02/25~~ RM 3 FEB 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250203 1310	3	A	X							
" 1311	3	A		X						
" 1312	1	A			X					
" 1313	1	A				X				

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250203 1330	3	A	X							
" 1331	3	A		X						
" 1332	1	A			X					
" 1333	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
MICROBAL	3 FEB 25 / 1415			2-4-25 / 0800

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

PROJECT WELL K WJI ENV 0012

Notebook No. DW #9

Continued from Page

R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G-2 IN USE.

PARAMETERS

TIME = 0955 HRS
PH = 7.84
TEMP = 23.4°C
COND = 1021 us/cm
TURB = .44 NTUS
PH PRE = 7.05 - 10.00 (21.3°C)
PH POST = 7.00 - 10.07

METER ID #

PH/COND = 12
TURB = 20
" STD = 9.83 NTUS
" RDG = 9.72 NTUS
" LOT = A3333
" EXP = 3/31

BUFFERS

7 CC779793 %
10 CC783911 %

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250310 1000	VOA 8260 LL	ICE/HCL	(3) 40mL VIALS	ALS
1001	" (CFB)	"	" "	"
250310 1002	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
1003	" (CFB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal 10 MAR 25
Signed Date

Tom Wunde 3-11-25
Signed Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10 Mar 25 Page 1 of

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (-TB)	NDMA LL	NDMA LL (-TB)				Charge Number
250310 1000	3	A	X							XGMD
" 1001	3	A		X						
" 1002	1	A			X					
" 1003	1	A				X				

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (-TB)	NDMA LL	NDMA LL (-TB)				Charge Number
250310 1015	3	A	X							XGMD
" 1016	3	A		X						
" 1017	1	A			X					
" 1018	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	10 Mar 25 / 1050		[signature]	3-11-25 / 0830

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

WSTF 381C (05/2016)

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PROJECT WELL M WOLENW0012

Notebook No. DW#9
Continued from Page

R MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G-2 IN USE.

PARAMETERS
TIME = 1010 HRS
PH = 7.60
TEMP = 22.7°C
COND = 1052 uS/CM
TURB = 4.10 NTUS
PH PRE = 7.02 - 10.00 (21.8°C)
PH POST = " "

METER ID #
PH/COND = 12
TURB = 20
" STD = 9.83 NTUS
" ROG = 9.78 NTUS
" LOT = A3333
" EXP = 3/31

BUFFERS
7 CC779793 9/25
10 CC783411 8/25

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250310101015	VOA 8260 LL	ICE/HCL	(3) 40M VIALS	ALS
1016	" (FB)	"	" "	"
250310101017	LOW LEVEL NDMA	ICE	(1) L AMBER	SWRI
1018	" (FB)	"	" "	"

SAMPLES

Continued on Page

Read and Understood By

Richard Mirabal — Signed
10 MAR 25 — Date
Jon W Mumdr — Signed
3-11-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10 MAR 25 Page 1 of

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement: 9260 LL; 8260 LL (+Eth); NDMA LL; NDPhAA LL (+Eth)

Charge Number: XGMD

Sample Number	# of Containers	Sample Matrix*	9260 LL	8260 LL (+Eth)	NDMA LL	NDPhAA LL (+Eth)
250310 1000	3	A	X			
" 1001	3	A		X		
" 1002	1	A			X	
" 1003	1	A				X

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement: 9260 LL; 8260 LL (+Eth); NDMA LL; NDPhAA LL (+Eth)

Charge Number: XGMD

Sample Number	# of Containers	Sample Matrix*	9260 LL	8260 LL (+Eth)	NDMA LL	NDPhAA LL (+Eth)
250310 1015	3	A	X			
" 1016	3	A		X		
" 1017	1	A			X	
" 1018	1	A				X

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	10 Mar 25 / 1050		[signature]	3-11-25 / 0830

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

PROJECT WELL K WJ1 ENV 0012

Notebook No. DW #9

Continued from Page

M. AVALOS, R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G-2 IN USE.

PARAMETERS

TIME = 0855 HRS
PH = 7.80
TEMP = 23.0°C
COND = 1030 uS/CM
TURB = .47 NTUS
PH PRE = 7.05 - 10.10 (22.9°C)
PH POST = " - "

METER ID #

PH/COND = 13
TURB = 8
" STD = 3.00 uS
" RDG = 3.95 uS
" LOT = A50222
" EXP = 4/30

BUFFERS

7 CC771793
10 CC783411

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250407-0900	VOA 8260 LL	ICE/HCL	(3) 40 mL VIALS	ALS
— 0901	" (CAB)	"	" "	"
250407-0902	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
— 0903	" (CAB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal
Signed

7 APR 25
Date

B-306

Jon Mumbo
Signed

4-8-25
Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 7 APR 25 Page 1 of 1

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (CB)	NDMA LL	NDMA LL (CB)				Charge Number
										XGMD
250407 0900	3	A	X							
" 0901	3	A		X						
" 0902	1	A			X					
" 0903	1	A				X				

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (CB)	NDMA LL	NDMA LL (CB)				Charge Number
										XGMD
250407 0920	3	A	X							
" 0921	3	A		X						
" 0922	1	A			X					
" 0923	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
R ANKABAL	7 APR 25 / 1025			

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

PROJECT WELL M NJ1 EXN 0012

Notebook No. DW #9

Continued from Page

M. AVALOS, R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G-2 IN USE.

PARAMETERS

TIME = 0915 HRS
PH = 7.50
TEMP = 23.5 C
COND = 1048 US/CM
TURB = 3.67 NTUS
PH PRE = 7.03 - 10.07 (23.3 C)
PH POST = " "

METER ID #

PH/COND = 13
TURB = 8
" STD = 3.80 NTUS
" RDG = 3.89 NTUS
" LOT = A5022
" EXP = 4/30

BUFFERS

7 CC779793 G/2
10 CC783411 G/2

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250407092[illegible] 0921	VOA 8260 LL	ICE/HCL	(3) 40 ML VIALS	ALS
	" CEB)	"	" "	"
250407092[illegible] 0923	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SONRI
	" CEB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal — Signed — 7 APR 25 — Date

B-308

[illegible] — Signed — 4-8-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 7 APR 25 Page 1 of 1

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (CB)	NDMA LL	NDMA LL (CB)				Charge Number
										X6MD
250407 0900	3	A	X							
" 0901	3	A		X						
" 0902	1	A			X					
" 0903	1	A				X				

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (CB)	NDMA LL	NDMA LL (CB)				Charge Number
										X6MD
250407 0920	3	A	X							
" 0921	3	A		X						
" 0922	1	A			X					
" 0923	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Z ANKABAL	7 APR 25 / 1025			

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

WSTF 381C (05/2016)

U. GARCIA, R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CAREY G-2 IN USE.

PARAMETERS

TIME = 0900 HRS
PH = 7.89
TEMP = 24.8 C
COND = 1023 us/cm
TURB = .84 NTUS
PH PRE = 7.05 - 10.03 (22.1 C)
PH POST = 7.03 - "

METER ID #

PH/COND = 12
TURB = 20
" STD = 10 NTUS
" RDG = 9.32 NTUS
" LOT = A3274
" EXP = 5/31

BUFFERS

7 CC 779793 EXP
10 CC 783411 EXP

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
25 05 12 0905	VOA 8260 LL	ICE/HCL	(3) 40 mL VOAs	ALS
0906	" (FB)	"	" "	"
505 12 0907	GRO by 8015D	ICE/HCL	(3) 40 mL VOAs	ALS
505 12 0908	LOW LEVEL NDMA	ICE	(1) 1 L AMBER	SWRI
0909	" (FB)	"	" "	"
505 12 0910	SVOA by 8270D	ICE	(2) 500 mL AMBER	ALS
505 12 0911	DRO by 8015D	ICE	(1) 500 mL AMBER	ALS

Continued on Page N/A

Read and Understood By

Richard Mirabal — Signed
12 May 25 — Date
B-310
Jon W Munda — Signed
5-13-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12 May 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	GRO	NDMA LL	NDMA LL (FB)	SVOA	DRO	Charge Number
250512 0835	3	A	X							XGMD
" 0836	3	A		X						
" 0837	3	A			X					
" 0838	1	A				X				
" 0839	1	A					X			
" 0840	2	A						X		
" 0841	1	A							X	

Sample Location: Well K

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	GRO	NDMA LL	NDMA LL (FB)	SVOA	DRO	Charge Number
250512 0905	3	A	X							XGMD
" 0906	3	A		X						
" 0907	3	A			X					
" 0908	1	A				X				
" 0909	1	A					X			
" 0910	2	A						X		
" 0911	1	A							X	

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[illegible]	12 May 25 / 1000		[illegible]	5-13-25 / 0855

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

M. GARCIA, R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G-12 IN USE.

PARAMETERS		METER ID #		BOTTLES
TIME	= 0830 HRS	PH/COND	= 12	7 CC 779753
PH	= 8.02	TURB	= 20	10 CC 783411
TEMP	= 24.5°C	" STD	= 10 NTUS	
COND	= 1057 µS/cm	" RDG	= 9.25 NTUS	
TURB	= 2.15 NTUS	" LOT	= A3274	
PH PRE	= 7.00-10.07 (21.2°C)	" EXP	= 5/31	
PH PST	= " -10.05			

SAMPLE #	ANALYSIS	SAMPLES PRESERVE	CONTAINER	LAB
250512 0835	VOA 8260 LL	ICE/HCL	(3) 40 mL VIALS	ALS
0836	" (FB)	"	" "	"
250512 0837	GRO by 8015D	ICE/HCL	(3) 40 mL VIALS	ALS
250512 0838	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
0839	" (FB)	"	" "	"
250512 0840	SVOA by 8270D	ICE	(2) 500 mL AMBER	ALS
250512 0841	DRO by 8015D	ICE	(1) 500 mL AMBER	ALS

Continued on Page NA

Read and Understood By

Richard Mirabal — Signed
12 May 25 — Date
B-312
Lori W Mumbe — Signed
5-13-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 12 May 25 Page 1 of 1

Sample Location: Well M

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	GRO	NDMA LL	NDMA LL (FB)	SVOA	DRO	Charge Number
250512 0835	3	A	X							XGMD
" 0836	3	A		X						
" 0837	3	A			X					
" 0838	1	A				X				
" 0839	1	A					X			
" 0840	2	A						X		
" 0841	1	A							X	

Sample Location: Well K

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	GRO	NDMA LL	NDMA LL (FB)	SVOA	DRO	Charge Number
250512 0905	3	A	X							XGMD
" 0906	3	A		X						
" 0907	3	A			X					
" 0908	1	A				X				
" 0909	1	A					X			
" 0910	2	A						X		
" 0911	1	A							X	

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
MMABAL	12 May 25 / 1000		[signature]	5-13-25 / 0855

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

R. MUNCH, A. MONTES PRESENT. WEATHER IS CLEAR & HOT. CARBOY B-3 IN USE.

PARAMETERS		METER ID #		BUFFERS
TIME	= 0830 HRS	PH/COND	= 17	7 CC77792 ½
PH	= 7.88	TURB	= 20	10 CC78341 ½
TEMP	= 26.3°C	" STD	= 9.72 NTUS	
COND	= 1258 uS/cm	" RDG	= 9.99 NTUS	
TURB	= 3.20 NTUS	" LOT	= A5022	
PH PRE	= 7.05-10.03 (29.6°C)	" EXP	= 6/30	
PH POST	= " "			

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250617 0840	VOA 8260 LL	ICE/HCL	(3) 40 ML VIALS	ALS
—— 0841	" (FB)	"	" "	"
250617 0842	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SGRL
—— 0843	" (FB)	"	" "	

Continued from page

Read and Understood By

Richard Munch 17 JUN 25 Ron Munch 6-18-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 17 JUN 25 Page 1 of 1

Sample Location: Well J2

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: E260 LL	E260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number: XGMD
250617 0840	3	A	X							
" 0841	3	A		X						
" 0842	1	A			X					
" 0843	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:
N. IRABAL	17 Jun 25 / 0916			6-18-25 / 0830

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

R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBO
G-3 IN USE.

PARAMETERS
TIME = 0915 HRS
PH = 7.78
TEMP = 25.4 c
COND = 1228 us/cm
TURB = 1.23 NTUS
PH PRE = 7.02-10.05 (19.0 c)
PH POST = " "

METER ID #
PH/COND = 18
TURB = 8
" STD = 9.20
" RDG = 9.15
" LOT = A5022
" EXP = 6/30

BUFFERS
7 CC 779793 6/2
10 CC 783411 9/2

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
25060509 20	VOA 8260 LL	ICE/HCL	(3) 40 mL VIAL	ALS
—— 0921	" CFB)	"	" "	"
25060509 22	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
—— 0923	" CFB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal Signed 5 JUN 25 Date B-316

Tom W Munda Signed 6-5-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 5 JUN 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250605 0905	3	A	X							
" 0906	3	A		X						
" 0907	1	A			X					
" 0908	1	A				X				

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250605 0920	3	A	X							
" 0921	3	A		X						
" 0922	1	A			X					
" 0923	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
R MEADER	5 JUN 25 / 1010		Jon W Jumah	6-6-25 / 0825

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

Continued from Page

R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G
✓ USE.

PARAMETERS
TIME = 0900 HRS
PH = 7.94
TEMP = 25.9°C
COND = 1256 MS/CM
TURB = 1.23 NTUS
PH PRE = 7.10-10.03 (18.7°C)
PH POST = " "

METER ID #
PH/COND = 18
TURB = 8
" STD = 9.20 NTUS
" RDG = 9.18 NTUS
" LOT = A5022
" EXP = 6/30

BUFFERS
7 CC778795 6
10 CC788411 8

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250605 0905	VOA 8260 LL	ICE/HCL	(3) 40ML VIALS	ALS
0906	" (FB)	"	" "	"
250605 0907	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
0908	" (FB)	"	" "	"

Continued on Page

Read and Understood By

Richard Mirabal 5 JUN 25 — Signed — Date
B-318
Jon Munck — Signed — 6-5-25 — Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 5 JUN 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250605 0905	3	A	X							
" 0906	3	A		X						
" 0907	1	A			X					
" 0908	1	A				X				

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250605 0920	3	A	X							
" 0921	3	A		X						
" 0922	1	A			X					
" 0923	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
R MIDAERE	5 JUN 25 / 1010		[signature]	6-6-25 / 0825

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

M. GARCIA, R. MIRABAL PRESENT. WEATHER IS PARTLY CLOUDY & HOT. CARBOY G-1 IN USE.

PARAMETERS
TIME = 1325 HRS
PH = 7.30
TEMP = 25.3°C
COND = 1022 uS/CM
TURB = .51 NTUS
PH PRE = 7.02-10.05 (26.0°C)
PH POST = " "

METER ID #
PH/COND = 92
TURB = 8
" STD = 9.26 NTUS
" EDG = 9.71 NTUS
" LOT = A5022
" EXP = 7/31

BUFFERS
7 CC783501 8/cc
10 CC783411 8/cc

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINERS	LAB
250702 1330	VOA 8260 LL	ICE/HCL	(3) 40 ML VOAS	ALS
1331	" (FB)	"	" "	"
250702 1332	LOW LEVEL NNHM	ICE	(1) 1L AMBER	SWRI
1333	" (FB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 2 Jul 25 Ben Mumbo 7-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 2 Jul 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	E260 LL	E240 LL (FB)	NDMA LL	NDEP LL (FB)				Charge Number
			Analytical Requirement							XGMD
250702 1320	3	A	X							
" 1321	3	A		X						
" 1322	1	A			X					
" 1323	1	A				X				

Sample Location: Well JZ

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	E260 LL	E240 LL (FB)	LL NDMA	LL NDEP (FB)				Charge Number
			Analytical Requirement							XGUD
250702 1330	3	A	X							
" 1331	3	A		X						
" 1332	1	A			X					
" 1333	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	2 Jul 25 / 1500		[signature]	7-3-25 / 0830

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

PROJECT WELL IL WJI ENV 0012

Notebook No. DW # 10

Continued from page

M. GARCIA, R. MIRABAL PRESENT. WEATHER IS PARTLY CLOUDY. CARBOY G-1 IN USE.

PARAMETERS

TIME = 1335 HRS
PH = 7.47
TEMP = 25.4°C
COND = 1030 µS/CM
TURB = 1.80 NTUS
PH PRE = 7.05 - 10.02 (26.0°C)
PH POST = " "

METER ID #

PH/COND = 92
TURB = 8
" STD = 9.26 NTUS
" EDG = 9.70 NTUS
" LOT = A5022
" EXP = 7/31

BUFFERS

7 CC78350 9/25
10 CC78341 9/25

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250702 1340 — 1341	VOA by 8260LL " (EB)	ICE/HCL "	(3) 40ML VIALS " "	ALS "
250702 1342 — 1343	LOW LEVEL NDMA " (EB)	ICE "	(1) 1L AMBER " "	SMRL "

Continued from page

Read and Understood By

B-322

Richard Mirabal 2 Jul 25

Phil Nash 7-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 2 Jul 25 Page 1 of 1

Sample Location: Well K

Analytical Requirement

Pertinent Notes (if any) / Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGMD
2507021340	3	A								
" 1341	3	A								
" 1342	1	A								
" 1343	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:
Mendoza	2 Jul 25 / 1500			7-3-25 / 0830

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

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PROJECT WELL M WJ(ENV0012

Notebook No. DW # 10

Continued from page

M. GARCIA, R. MIRABAL PRESENT. WEATHER IS EARLY CLOUDY & HOT. GARBOY G-1 (A) USE.

PARAMETERS		METER ID #		BUFFERS	
TIME	= 1315 HRS	PH/COND	= 92	7 CC 78350	8/25
PH	= 7.05	TURB	= 8	10 CC 78341	8/25
TEMP	= 25.9°C	" STD	= 9.26 NTUS		
COND	= 1035 us/cm	" CDG	= 9.62 NTUS		
TURB	= 3.24 NTUS	" LOT	= A5022		
PH PRE	= 7.03 -/0.07 (25.8°C)	" EXP	= 7/31		
PH POST	= " -/0.05				

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250702 1320	VOA 8260 LL	ICE/HCL	(3) 40m VIALS	ATS
— 1321	" (CEB)	"	" "	"
250702 1322	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SVR1
— 1323	" (CEB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 2 JUL 25 B-324 Dan Munch 7-3-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 2 Jul 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: E260 LL	E260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
250702 1320	3	A	X							
" 1321	3	A		X						
" 1322	1	A			X					
" 1323	1	A				X				

Sample Location: Well JZ

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: E260 LL	E260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGUD
250702 1330	3	A	X							
" 1331	3	A		X						
" 1332	1	A			X					
" 1333	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	2 Jul 25 / 1500		[signature]	7-3-25 / 0830

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

K MURABAL PRESENT. WEATHER IS PARTLY CLOUDY & HOT.
JARBOY G-1 IN USE.

PARAMETERS
TIME = 0750 HRS
PH = 7.95
TEMP = 25.0°C
COND = 1231 us/cm
TURB = 1.68 NTUS
PH PRE = 7.05-10.05 (21.0°C)
PH POST = " "

METER ID#
PH/COND = 16
TURB = 8
" STD = 9.80 NTUS
" 100 = 10.00 NTUS
" LOT = A5022
" EXP = 8/31

BUFFERS
7 CC783501 8/25
10 CC783411 8/25

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250801 0755	VOA by 8260 LL	ICE/HCL	(3) 40 mL VIALS	ARS
—— 0756	" (FB)	"	" "	"
250801 0757	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SVL
—— 0758	" (FB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 1 Aug 25 Jon W Summers 8-1-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1 Aug 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGMD
2508010725	3	A	X							
" 0726	3	A		X						
" 0727	1	A			X					
" 0728	1	A				X				

Sample Location: Well J2

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGMD
2508010755	3	A	X							
" 0756	3	A		X						
" 0757	1	A			X					
" 0758	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Michael	1 Aug 25 / 0950			8-4-25 / 0815

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

PROJECT WELL K WSI ENV 0012

Notebook No. DW # 10

Continued from page

R. MINABAL PRESENT. WEATHER IS PARTLY CLOUDY & HOT. CARBOY G-1 IN USE.

PARAMETERS

TIME = 0805 HRS
PH = 7.71
TEMP = 24.3°C
COND = 1221 uS/cm
TURB = .92 NTUS
PH PRE = 7.00 - 10.00 (26.6°C)
PH POST = " "

METER ID #

PH/COND = 16
TURB = 8
" STD = 9.30 NTUS
" RDG = 10.00 NTUS
" LOT = A5022
" EXP = 8/31

BUFFERS

7 CC783501 8/25
10 CC783411 8/25

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250801 0806	VOA by 8260 LL	ICE/HCL	(3) 40ml VOA	ALS
—— 0807	" (CEB)	"	" "	"
250801 0808	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SMRL
—— 0809	" (CEB)	"	" "	"

Continued from page

Read and Understood By

Richard Minabal 1 Aug 25

B-328

Tom Munds 8-1-25

Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1 Aug 25 Page 1 of 1

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (SB)	LL NDMA	LL NDMA (SB)				Charge Number
										XGMD
250801 0806	3	A	X							
" 0807	3	A		X						
" 0808	1	A			X					
" 0809	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:
Mirabal	1 Aug 25 / 0950		[signature]	8-4-25 / 0815

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

WSTF 381C (05/2016)

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PROJECT WELL M WSI ENV 0012

Notebook No. DW # 10

Continued from page

R. MIRABAL PRESENT. WEATHER IS PARTLY CLOUDY & HOT. CARBOY G-1 IN USE.

PARAMETERS

TIME = 0720 HRS
PH = 7.84
TEMP = 25.1°C
COND = 1260 uS/CM
TURB = 2.31 NTUS
PH PRE = 7.06 - 10.05 (21.2°C)
PH POST = " "

METER ID #

PH/COND = 16
TURB = 8
" STD = 9.30 NTUS
" ROG = 10.5 NTUS
" LOT = A5022
" EXP = 8/31

BUFFERS

7 CC783501 8/25
10 CC783411 8/28

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
25080|0725	VOA by 8260 LL	ICE/HCL	(3) 40 mL VIALS	ALS
—— 0726	" (FB)	"	" "	"
25080|0727	LOW LEVEL NDMA	ICE	(2) 1L AMBER	SWRI
—— 0728	" (EB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 8 AUG 25 Pam Mundy 8-1-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1 Aug 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGMD
250801 0725	3	A	X							
" 0726	3	A		X						
" 0727	1	A			X					
" 0728	1	A				X				

Sample Location: Well J2

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGMD
250801 0755	3	A	X							
" 0756	3	A		X						
" 0757	1	A			X					
" 0758	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
Michael	1 Aug 25 / 0950		[signature]	8-4-25 / 0815

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

PROJECT WELL K SAMPLING WJ1 ERN 0012G

Notebook No DW#10

Continued from page

R. BURROWS R. MICHAEL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G-2 IN USE.

PARAMETERS

TIME = 1000 HRS
PH = 8.07
TEMP = 24.3°C
COND = 1225 uS/CM
TURB = 2.34 NTUS
PH PRE = 7.05 - 10.01 (26.7°C)
PH POST = " "

METER ID #

PH/COND = 16
TURB = 8
" STD = 8.41 NTUS
" 12DG = 9.00 NTUS
" LOT = A5022
" EXP = 9/30

BUFFERS

7 RCE10572 9/25
10 CL806765 7/25

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250909/1005	VOA 8260LL	ICE/HCL	(3) 40 mL VIALS	ARS
—— /1006	" CFB)	"	" "	"
250909/1007	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWR1
—— /1008	" CFB)	"	" "	"

Continued from page

Read and Understood By

Richard M. 9 SEP 25 Ron Munds 9-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9 SEP 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 uL	8260 uL (FB)	NDMA uL	NDMA uL (FB)			Charge Number
									XGMD
250909 0935	3	A	X						
" 0936	3	A		X					
" 0937	1	A			X				
" 0938	1	A				X			

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 uL	8260 uL (FB)	NDMA uL	NDMA uL (FB)			Charge Number
									XGMD
250909 1005	3	A	X						
" 1006	3	A		X					
" 1007	1	A			X				
" 1008	1	A				X			

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
MIRABAL	9 SEP 25 / 1045			9-10-25 / 0835

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

R. BURROWS, R. MIRABAL PRESENT. WEATHER IS CLEAR & WARM. CARBOY G-2 IN USE.

PARAMETERS
TIME = 0930 HRS
PH = 7.75
TEMP = 25.8 C
COND = 1263 uS/cm
TURB = .74 NTUS
PH PRE = 7.03 - 10.02 (26.2 C)
PH POST = 7.05 - "

METER ID #
PH/COND = 16
TURB = 8
" STD = 8.41 NTUS
" RDG = 9.69 NTUS
" LOT = A5022
" EXP = 9/30

BUFFERS
7 CC810372 9/26
10 CC806765 7/27

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
250909 0935 — 0936	VOA 8260 LL	ICE/HCL	(3) 40 ML VIALS	ALS
	" (CEB)	"	" "	"
250909 0937 — 0938	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
	" (CEB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 9 SEP 25 Pam Mumm 9-10-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 9 SEP 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 uL	8260 uL (FB)	NDMA uL	NDMA uL (FB)				Charge Number
										XGMD
250909 0935	3	A	X							
" 0936	3	A		X						
" 0937	1	A			X					
" 0938	1	A				X				

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 uL	8260 uL (FB)	NDMA uL	NDMA uL (FB)				Charge Number
										XGMD
250909 1005	3	A	X							
" 1006	3	A		X						
" 1007	1	A			X					
" 1008	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
MIRABAL	9 SEP 25 / 1045			9-10-25 / 0835

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

T. FLORES, R. MIRABAL PRESENT. WEATHER IS CLEAR & COOL.. CARBOY G-3 IN USE.

PARAMETERS
TIME = 0935 HRS
PH = 7.57
TEMP = 24.2°C
COND = 1241 uS/cm
TURB = 1.11 NTUS
PH PRE = 7.02-10.07 (24.9°C)
PH POST = " "

METER ID #
PH/COND = 16
TURB = 6
" STD = 4.65 NTUS
" RDG = 4.59 NTUS
" LOT = A5022
" EXP = 10/31

BUFFERS
7 CC 210372 9/26
10 CC 206765 7/26

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
25/10 01 0940	VOA 8260 LL	ICE/HCL	(3) 40ml VIALS	ALS
—— 0941	" (FB)	"	" "	"
25/10 01 0942	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SW R1
—— 0943	" (FB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 10CT25 Ron W Munch 10-2-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1 OCT 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
2510010915	3	A	X							
" 0916	3	A		X						
" 0917	1	A			X					
" 0918	1	A				X				

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
2510010940	3	A	X							
" 0941	3	A		X						
" 0942	1	A			X					
" 0943	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1 Oct 25 / 1020		[signature]	10-2-25 / 0820

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

WSTF 381C (05/2016)

T. TORREZ, R. MIRABAL PRESENT. WEATHER IS CLEAR & COOL. CARBOY G-3 IN USE.

PARAMETERS
TIME = 0910 HRS
PH = 7.94
TEMP = 25.0°C
COND = 1276 uS/CM
TURB = 2.94 NTUS
PH PRE = 7.05 - 10.01 (24.7°C)
PH POST = " - 10.05

METER ID #
PH/COND = 16
TURB = 6
" STD = 4.65 NTUS
" RDG = 4.57 NTUS
" LOT = A5022
" EXP = 10/31

BUFFERS
7 CC 810372 9/26
10 CC 806765 7/26

SAMPLE #	ANALYSIS	SAMPLES PRESERVE	CONTAINER	LAB
25100109150916	VOA 8260 LL	ICE/HCL	(3) 40mL VIALS	ALS
	" (CFB)	"	" "	"
25100109170918	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
	" (CFB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 10CT25 — Tom Wunch — 10-2-25 Date

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 1 OCT 25 Page 1 of 1

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (F3)	NDMA LL	NDMA LL (F3)				Charge Number
										XGMD
2510010915	3	A	X							
" 0916	3	A		X						
" 0917	1	A			X					
" 0918	1	A				X				

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (F3)	NDMA LL	NDMA LL (F3)				Charge Number
										XGMD
2510010940	3	A	X							
" 0941	3	A		X						
" 0942	1	A			X					
" 0943	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	1 Oct 25 / 1020		[signature]	10-2-25 / 0820

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

PROJECT WELL K SAMPLING WSLCENV00126 Notebook No. DN #10 19
Continued from page

R. MIRABAL PRESENT. WEATHER IS CLEAR & COOL. CARBOY G-1 IN USE.

PARMETERS		METER ID #		BUFFERS	
TIME	= 1335 HRS	PH/COND	= 16	7	CC810372 9/26
PH	= 7.80	TURB	= 20	10	CC806765 7/26
TEMP	= 24.0°C	" STD	= 6.40 NTUS		
COND	= 1221 uS/CM	" EDG	= 7.28 NTUS		
TURB	= .58 NTUS	" LOT	= A5022		
PH PRE	= 7.05 - 10.10 (23.3°C)	" EXP	= 11/30		
PH POST	= 7.02 - 10.06				

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
25711013340	VOA 8260 LL	ICE/HCL	(3) 40 ML VIALS	ALS
1341	" (FB)	"	" "	"
25711013342	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SWRI
1343	" (FB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 10 Nov 25 Lora Munoz 11-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10 Nov 25 Page 1 of 1

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGMD
251110 1340	3	A	X							
" 1341	3	A		X						
" 1342	1	A			X					
" 1343	1	A				X				

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
251110 1310	3	A	X							
" 1311	3	A		X						
" 1312	1	A			X					
" 1313	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
R Mirabal	10 Nov 25 / 1430			11-11-25 / 0845

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

PROJECT WELL M SAMPLING WJI ENV 00126

Notebook No. DW # 10

Continued from page ____

R. MINABAL PRESENT. WEATHER IS CLEAR & COOL. CARBOY '6-1 IN USE.

PARAMETERS

TIME = 1305 HRS
PH = 7.56
TEMP = 25.1 c
COND = 12.44 us/cm
TURB = .53 NTUS
PH PRE = 7.05-10.03 (22.0c)
PH POST = " -10.07

METER ID #

PH/COND = 16
TURB = 20
" STD = 6.40 NTUS
" RDG = 7.34 NTUS
" LOT = A5022
" EXP = 11/30

BUFFERS

7 CC810372 9/26
10 CC806765 7/26

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
25 11 10 1310 ——— 1311	VOA 8260 LL " (CRB)	ICE/HCL "	(3) 40 ML VIALS " "	ALS "
25 11 10 1312 ——— 1313	LOW LEVEL NDMA " (CRB)	ICE "	(1) 1L AMBER " "	SWRI "

Continued from page

Read and Understood By

Richard Minabal 10 NOV 25

Pam Mumaw 11-11-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 10 Nov 25 Page 1 of 1

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	LL NDMA	LL NDMA (FB)				Charge Number
										XGMD
251110 1340	3	A	X							
" 1341	3	A		X						
" 1342	1	A			X					
" 1343	1	A				X				

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	Analytical Requirement: 8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
251110 1310	3	A	X							
" 1311	3	A		X						
" 1312	1	A			X					
" 1313	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
R Mirabal	10 Nov 25 / 1430			11-11-25 / 0845

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

R. BURROWS, R. MIRABAL PRESENT. WEATHER IS CLEAR & COLD. CARBOY G-3 IN USE.

PARAMETERS
TIME = 0900 HRS
PH = 7.85
TEMP = 22.0°C
COND = 1027 uS/CM
TURB = .88 NTUS
PH PRE = 7.00 - 10.05 (17.6°C)
PH POST = 7.05 - 10.07

METER ID #
PH/COND = 15
TURB = 6
" STD = 4.22 NTUS
" RDG = 4.82 NTUS
" LOT = A5022
" EXP = 12/26

BUFFERS
7 CC 810572 9/26
10 CC 806765 7/2

SAMPLES

SAMPLE #	ANALYSES	PRESERVE	CONTAINER	LAB
25/202 0905	VOA 8260 LL	ICE/HCL	(3) 40 ML VOAS	ALS
0906	" (FB)	"	" "	"
25/202 0907	LOW LEVEL NONA	ICE	(1) 1L AMBER	SWRI
0908	" (FB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 2 DEC 25 Lori W Munch 12-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 2 DEC 25 Page 1 of 2

Sample Location: Well K

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
251202 0905	3	A	X							
" 0906	3	A		X						
" 0907	1	A			X					
" 0908	1	A				X				

Sample Location: Well M

Pertinent Notes (if any)

Analytical Requirement

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
251202 0945	3	A	X							
" 0946	3	A		X						
" 0947	1	A			X					
" 0948	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	2 DEC 25 / 1040		for [signature]	12-3-25 / 0810

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

K. BURROWS, R. MIRABAL PRESENT. WEATHER IS CLEAR & COLD. CARBOY G-3 IN USE.

PARAMETERS
TIME = 0940 MDS
PH = 7.49
TEMP = 22.8°C
COND = 1026 uS/cm
TURB = .74 NTUS
PH PRE = 7.09 - 10.03 (17.9°C)
PH POST = " "

METER ID #
PH/COND = 15
TURB = 6
" STD = 4.22 NTUS
" RDG = 4.75 NTUS
" LOT = A5022
" EXP = 12/26

BUFFERS
7 CC810372 9/26
10 CC806765 7/26

SAMPLES

SAMPLE #	ANALYSIS	PRESERVE	CONTAINER	LAB
25/202 0945	VOA 8260 LL	ICE/HCL	(3)40 ML VOAS	ALS
—— 0946	" (CFB)	"	" "	"
25/202 0947	LOW LEVEL NDMA	ICE	(1) 1L AMBER	SW121
—— 0948	" (CFB)	"	" "	"

Continued from page

Read and Understood By

Richard Mirabal 2 DEC 25 Ron W Saunders 12-3-25

WSTF INTERNAL SAMPLE CHAIN OF CUSTODY RECORD

Date: 2 DEC 25 Page 1 of 2

Sample Location: Well K

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
251202 0905	3	A	X							
" 0906	3	A		X						
" 0907	1	A			X					
" 0908	1	A				X				

Sample Location: Well M

Pertinent Notes (if any)

Sample Number	# of Containers	Sample Matrix*	8260 LL	8260 LL (FB)	NDMA LL	NDMA LL (FB)				Charge Number
										XGMD
251202 0945	3	A	X							
" 0946	3	A		X						
" 0947	1	A			X					
" 0948	1	A				X				

Relinquished by:	Date / Time:		Accepted by:	Date / Time:
[signature]	2 DEC 25 / 1040		for [signature]	12-3-25 / 0810

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

Appendix C
Chemical Analytical Program
(Internal QA reports)

National Aeronautics and Space Administration

Quality Assurance Report for White Sands Test Facility Groundwater Monitoring Data

August 2025

NM8800019434

Report Submitted: February 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 August 2025.
- The quantity and type of quality control samples collected or prepared in August 2025.
- Quality control sample percentages in annual period immediately preceding and during August 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

Two low-level NDMA samples, 2508111433B (NASA 3) and 2508121400Y (ST-5-815), were lost in extraction and have zero internal standard recovery. Results for these samples have been flagged with an "R" to denote rejected data. Both locations have NDMA results as non-detect by modified method 607.

There were no other notable anomalies in the groundwater data associated with the August 2025 QAR.

3.0 Data Tables

Table 1 summarizes the groundwater sample events initiated in August 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 August 2025

Well ID	Event Date
BLM-25-455	01-Aug-25
PL-7-560	01-Aug-25
200-H-331	04-Aug-25
200-H-433	04-Aug-25
BLM-21-400	04-Aug-25
200-H-225	05-Aug-25
400-D-355	05-Aug-25
400-D-195	06-Aug-25
400-D-275	06-Aug-25
BLM-23-431	07-Aug-25
400-EV-131	11-Aug-25
NASA 3	11-Aug-25
ST-5-655	11-Aug-25
ST-5-985	11-Aug-25

Well ID	Event Date
BLM-32-543	12-Aug-25
BLM-32-571	12-Aug-25
ST-5-815	12-Aug-25
BLM-32-632	13-Aug-25
ST-5-1175	13-Aug-25
ST-5-485	13-Aug-25
WB-14-520	14-Aug-25
WW-4-419	14-Aug-25
WW-4-589	14-Aug-25
PL-12-570	15-Aug-25
400-GV-125	18-Aug-25
B650-EFF-1	18-Aug-25
B650-INF-1	18-Aug-25
PL-12-800	18-Aug-25

Well ID	Event Date
WW-4-848	18-Aug-25
WW-4-948	18-Aug-25
400-JV-150	19-Aug-25
B655-EFF-2	19-Aug-25
B655-INF-2	19-Aug-25
MPE-1	19-Aug-25
MPE-10	19-Aug-25
MPE-11	19-Aug-25
MPE-9	19-Aug-25
MPE-3	20-Aug-25
MPE-4	20-Aug-25
WB-5-250	20-Aug-25
WB-5-280	20-Aug-25
WB-5-345	20-Aug-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	**11**	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**34**	0	**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	**26**	**20**	**6**	**2**	**1**	**4**	0
Low Level Volatile Organics by SW-846 Method 8260C	**16**	**6**	**10**	**5**	0	**1**	**1**
Semi-Volatile Organics by SW-846 Method 8270D	**3**	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	**23**	**1**	**2**	0	**1**	**2**	0
Nitrosamines by Low-Level Method	**19**	**13**	**6**	**5**	**1**	**2**	**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 July 2024	QC Qty. July 2024	QC % since July 2024	Sample Quantity Aug 2025	QC Quantity Aug 2025	QC % Aug 2025
VOA Duplicates	**10**	621	73	**11.76**	42	5	**11.90**
VOA Matrix Spikes	**2**	621	14	**2.25**	42	1	**2.38**
607 Duplicates	**10**	387	41	**10.59**	34	2	**5.88**
607 Matrix Spikes	**2**	387	9	**2.33**	34	1	**2.94**
607 Equipment Blanks	**2**	387	8	**2.07**	34	1	**2.94**
607 Field Blanks	**2**	387	12	**3.10**	34	0	**0.00**
NDMA_LL Duplicates	**10**	349	40	**11.46**	19	2	**10.53**

Quality Control Requirement	Requirement %	Samp. Qty. since July 2024	QC Qty. July 2024	QC % since July 2024	Sample Quantity Aug 2025	QC Quantity Aug 2025	QC % Aug 2025
NDMA_LL Matrix Spikes	**2**	349	14	**4.01**	19	1	**5.26**
Metals Duplicates	**10**	273	29	**10.62**	23	2	**8.70**
Metals Matrix Spikes	**2**	273	7	**2.56**	23	0	**0.00**
Metals Equipment Blanks	**5**	273	11	**4.03**	23	2	**8.70**
Metals Field Blanks	**5**	273	17	**6.23**	23	1	**4.35**

Quality Control Requirement	Requirement %	Sample Events since July 2024	QC Qty. since July 2024	QC % since July 2024	Sample Events Aug 2025	QC Quantity Aug 2025	QC % Aug 2025
VOA Equipment Blanks and Field Blanks	*Should approach 100%*	609	609	**100%**	42	42	**100%**
Low Level Nitrosamine Equipment Blanks and Field Blanks	*Should approach 100%*	344	344	**100%**	19	19	**100%**

Quality Control Requirement	Requirement %	Shipments since July 2024	TB Qty. since July 2024	TB % since July 2024	Shipments in Aug 2025	TB Quantity Aug 2025	QC % Aug 2025
VOA Trip Blank (per shipment)	*Should approach 100%*	99	99	**100%**	7	7	100%
Low Level Nitrosamine Trip Blank (per shipment)	*Should approach 100%*	86	86	**100%**	5	5	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.

Qualifier	Definition
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	**11**	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**108**	0	0	0	**1**	0	0	0
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	**1964**	0	**3**	**1**	0	**2**	0	0
Low Level Volatile Organics by SW-846 Method 8260C	**1106**	0	0	0	0	0	0	0
Semi-Volatile Organics by SW-846 Method 8270D	**405**	0	0	0	0	0	0	0
Anions by Various EPA Methods	**40**	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**675**	**1**	**2**	0	**1**	0	0	0
Nitrosamines by Low-Level Method	**42**	**6**	**5**	**2**	0	0	0	**4**
Total Dissolved Solids by Standard Method 2540C	**10**	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	**11**	0	0	0	0	0	0	0	0	**2**	0
Nitrosamines by EPA Method 607	**108**	0	0	0	0	0	0	0	0	**2**	0
Perchlorate by SW-846 Method 6850	**10**	0	**2**	0	0	0	0	0	0	0	0
Organics by SW-846 Method 8015M	**2**	0	0	0	0	**1**	0	0	0	**1**	0
Volatile Organics by SW-846 Method 8260C	**1964**	0	**31**	0	**1**	**3**	**2**	**13**	0	**33**	0
Low Level Volatile Organics by SW-846 Method 8260C	**1106**	0	0	0	0	0	0	0	0	**4**	0
Semi-Volatile Organics by SW-846 Method 8270D	**405**	0	0	0	0	0	0	0	0	0	0
Anions by Various EPA Methods	**40**	0	0	0	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**675**	0	0	0	0	**1**	0	0	0	**131**	0
Nitrosamines by Low-Level Method	**42**	0	**4**	0	0	**3**	0	0	0	**2**	**2**
Total Dissolved Solids by Standard Method 2540C	**10**	0	0	0	0	0	**1**	0	0	0	0

Table 7 – Quality Assurance Narratives

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-25-455	**8/1/2025**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2508010931A) at 20.0 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2508010931A) at 0.66 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-25-455	**8/1/2025**	**For SW-846 Method 8260C, Benzene, 1,2-difluoro- (45 ug/L) and Trimethylsilyl fluoride (1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508010930A.**
BLM-25-455	8/1/2025	For SW-846 Method 8260C, 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-25-455	**8/1/2025**	**For SW-846 Method 8260C, Carbon Dioxide (17 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510410-06) for analytical batch 889071. Groundwater data are affected by this method blank contamination are flagged.**
BLM-25-455	**8/1/2025**	**For SW-846 Method 8260C, Carbon Dioxide (20 ug/L) and Silane, methoxytrimethyl- (0.66 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2508010931A.**
BLM-25-455	8/1/2025	For SW-846 Method 8260C, 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-7-560	**8/1/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (19 ug/L), and Cyclotetrasiloxane, octamethyl- (0.77 ug/L) are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2508010935Y.**
PL-7-560	**8/1/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (18 ug/L), Silane, methoxytrimethyl- (1.7 ug/L), and Silanol, trimethyl- (0.63 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2508010745Y.**
PL-7-560	**8/1/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (17 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510410-06) for analytical batch 889071. Groundwater data are affected by this method blank contamination are flagged.**
PL-7-560	8/1/2025	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-7-560	**8/1/2025**	**For Low Level SW-846 Method 8260D, Ethyne, fluoro- (53 ug/L), and Cyclotetrasiloxane, octamethyl- (0.67 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508011115Y.**
PL-7-560	8/1/2025	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-7-560	**8/1/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide was detected in the trip blank (2508010745Y) at 18.0 ug/L. Silane, methoxytrimethyl- was detected in the trip blank (2508010745Y) at 1.7 ug/L. Silanol, trimethyl- was detected in the trip blank (2508010745Y) at 0.63 ug/L.**
PL-7-560	**8/1/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2508010935Y) at 19.0 ug/L. Cyclotetrasiloxane, octamethyl- was detected in the equipment blank (2508010935Y) at 0.77 ug/L.**
PL-7-560	**8/1/2025**	For EPA method 8260_LL, matrix spike and matrix spike duplicate recoveries for sample 2508011116Y for Dichlorodifluoromethane (170-172%) was outside method required limits (49-154%). No groundwater data are affected by this QC issue.
200-H-331	**8/4/2025**	**For SW-846 Method 8260, samples 2508040900Y and 2508040950Y are incorrectly reported as well "00-H-331" in the analytical report and the associated EDD file due to a**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		laboratory error. The well ID was corrected to 200-H-331 in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.
200-H-331	8/4/2025	For SW-846 Method 8260C, there were no detections in the equipment blank.
200-H-331	8/4/2025	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-H-331	**8/4/2025**	**For SW-846 Method 8260C, Trimethylsilyl fluoride (1.1 ug/L) and Sulfur Dioxide (0.84 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508040950Y.**
200-H-331	**8/4/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (1.6 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510791-04) for analytical batch 889911. Groundwater data are affected by this method blank contamination are flagged.**
200-H-331	8/4/2025	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-H-331	8/4/2025	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.
200-H-433	**8/4/2025**	**For SW-846 Method 8260C, Trimethylsilyl fluoride (2.1ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508041345Y.**
200-H-433	8/4/2025	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-H-433	**8/4/2025**	**For SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2508041250Y) at 1.7 ug/L.**
200-H-433	8/4/2025	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-H-433	**8/4/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (1.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510850-04) for analytical batch 890025. Groundwater data are affected by this method blank contamination are flagged.**
200-H-433	8/4/2025	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-H-433	8/4/2025	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.
200-H-433	**8/4/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (1.7 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508041250Y.**
BLM-21-400	8/4/2025	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

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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-21-400	8/4/2025	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.
BLM-21-400	**8/4/2025**	**For SW-846 Method 8260C, field duplicate samples 2508040955A and 2508040956A the relative percent difference for Sulfur Dioxide was 26.1%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
BLM-21-400	8/4/2025	For SW-846 Method 8260C, there were no detections in the field blank.
BLM-21-400	**8/4/2025**	**For SW-846 Method 8260D, multiple analytes in samples 2508040955A and 2508040956A are an estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-21-400	**8/4/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (39 ug/L), Benzene, 1-bromo-3-fluoro- (32 ug/L), and Trimethylsilyl fluoride (1.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508040950Y.**
BLM-21-400	**8/4/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 123a (133%) and the upper control limit (69-120%) for the LCS was exceeded for Cyclohexane (123%). The analytes affected are flagged accordingly.**
BLM-21-400	**8/4/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (260 ug/L) and Sulfur Dioxide (39 ug/L) in samples 2508040955A and 2508040956A required 5-fold dilutions. The reporting limits are adjusted to reflect the dilution.**
BLM-21-400	8/4/2025	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.
BLM-21-400	8/4/2025	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-21-400	**8/4/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (1.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510850-04) for analytical batch 890025. Groundwater data are affected by this method blank contamination are flagged.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260C, Benzene, 1-bromo-3-fluoro- was detected in the trip blank (2508050725Y) at 32.0 ug/L.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2508050850Y) at 0.93 ug/L.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260C, field duplicate samples 2508050945Y and 2508050946Y the relative percent difference for Trimethylsilyl fluoride was 40.0%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (1.6 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510791-04) for analytical batch 889911. Groundwater data are affected by this method blank contamination are flagged.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260D, Sulfur Dioxide (0.93 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508050850Y.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260D, multiple analytes in samples 2508050945Y and 2508050946Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-H-225	8/5/2025	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

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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-H-225	**8/5/2025**	**For SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (32 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank sample 2508050725Y.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 123a (133%). The analytes affected are flagged accordingly.**
200-H-225	**8/5/2025**	**For SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (33 ug/L), and Trimethylsilyl fluoride (2.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508050945Y.**
200-H-225	8/5/2025	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-H-225	8/5/2025	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.
400-D-355	8/5/2025	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.
400-D-355	**8/5/2025**	**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 sample 2508051350Y.**
400-D-355	8/5/2025	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.
400-D-355	8/5/2025	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.
400-D-355	8/5/2025	For Low Level 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.
400-D-355	**8/5/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide (1.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510850-04) for analytical batch 890025. Groundwater data are affected by this method blank contamination are flagged.**
400-D-355	**8/5/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2508051350Y) at 1.5 ug/L.**
400-D-355	**8/5/2025**	**For Low Level SW-846 Method 8260C, Acrylonitrile (1.2 ug/L) in sample 2508051430Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
400-D-195	**8/6/2025**	**For Low Level SW-846 Method 8260D, Trimethylsilyl fluoride (1.6 ug/L) and Methane, trimethoxy- (1.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2508070850Y.**

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400-D-195	**8/6/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (1.6 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508061405Y.**
400-D-195	8/6/2025	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.
400-D-195	**8/6/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide (1.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510850-04) for analytical batch 890025. Groundwater data are affected by this method blank contamination are flagged.**
400-D-195	**8/6/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2508061405Y) at 1.6 ug/L.**
400-D-195	8/6/2025	For Low Level SW-846 Method 8260C, 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.
400-D-195	**8/6/2025**	**For Low Level SW-846 Method 8260C, the control limits (80-116%) were exceeded for surrogate Dibromofluoromethane (122%). A reanalysis was not performed because insufficient holding time was available. No further corrective action was possible.**
400-D-195	8/6/2025	For Low Level SW-846 Method 8260C, 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.
400-D-275	**8/6/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (12 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508060955Y.**
400-D-275	**8/6/2025**	**For Low Level SW-846 Method 8260D, Benzene, 1-bromo-3-fluoro- (33 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508061050Y.**
400-D-275	8/6/2025	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.
400-D-275	8/6/2025	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.
400-D-275	8/6/2025	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.
400-D-275	8/6/2025	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.
400-D-275	**8/6/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide (1.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2510850-04) for analytical batch 890025. Groundwater data are affected by this method blank contamination are flagged.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
400-D-275	**8/6/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2508060955Y) at 1.2 ug/L.**
400-D-275	**8/6/2025**	**For Low Level SW-846 Method 8260C, Acrylonitrile (2.4 ug/L) in sample 2508061050Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-23-431	**8/7/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (0.53 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508071001A.**
BLM-23-431	**8/7/2025**	**For SW-846 Method 8260D, Sulfur dichloride (3.6 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508071001A.**
BLM-23-431	8/7/2025	For SW-846 Method 8260C, 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-23-431	8/7/2025	For SW-846 Method 8260C, 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-23-431	8/7/2025	For SW-846 Method 8260C in blind control sample (2508071030A), all recoveries were within standard limits.
BLM-23-431	**8/7/2025**	**For SW-846 Method 8260C, Sulfur dichloride was detected in the field blank (2508071001A) at 3.6 ug/L. 1,1,2-Trichloro-1,2,2-Trifluoroethane was detected in the field blank (2508071001A) at 0.53 ug/L.**
BLM-23-431	**8/7/2025**	**For SW-846 Method 8260C, the control limits (80-116%) were exceeded for surrogate Dibromofluoromethane (117%). A reanalysis was not performed because insufficient holding time was available. No further corrective action was possible.**
400-EV-131	**8/11/2025**	**For SW-846 Method 8260D, CFC 21 (0.41 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508111030B.**
400-EV-131	**8/11/2025**	**For SW-846 Method 8260D, Trimethylsilyl fluoride (3.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508111030B.**
400-EV-131	8/11/2025	For SW-846 Method 8260C, 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.
400-EV-131	8/11/2025	For SW-846 Method 8260C, 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.
400-EV-131	**8/11/2025**	**For SW-846 Method 8260D, Argon (3.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508111031B.**
400-EV-131	**8/11/2025**	**For SW-846 Method 8260D, CFC 11 (290 ug/L) in sample 2508111030B required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
400-EV-131	**8/11/2025**	**For SW-846 Method 8260C, Argon was detected in the field blank (2508111031B) at 3.5 ug/L.**
NASA 3	**8/11/2025**	**For Low Level SW-846 Method 8260D, Trimethylsilyl fluoride (5.9 ug/L) and Methane, trimethoxy- (5.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in blank sample 2508111430B.**
NASA 3	8/11/2025	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
NASA 3	**8/11/2025**	**For Low Level SW-846 Method 8260C, samples 2508111430B and 2508111431B are incorrectly reported as samples "2508111430Y" and "2508111431Y" in the analytical report and the associated EDD file due to a laboratory error. The sample ID was**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		corrected in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.
ST-5-655	**8/11/2025**	**For Low Level SW-846 Method 8260C, Methane, trimethoxy- was detected in the equipment blank (2508110840Y) at 1.7 ug/L.**
ST-5-655	8/11/2025	For Low Level SW-846 Method 8260C, there were no detections in the trip blank.
ST-5-655	**8/11/2025**	**For Low Level SW-846 Method 8260C, Methane, trimethoxy- (1.7 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508110840Y.**
ST-5-655	**8/11/2025**	**For Low Level SW-846 Method 8260C, Methane, trimethoxy- was detected in the equipment blank (2508110840Y) at 1.7 ug/L.**
ST-5-655	8/11/2025	For Low Level SW-846 Method 8260C, there were no detections in the trip blank.
ST-5-985	8/11/2025	For Low Level SW-846 Method 8260C, there were no detections in the equipment blank.
ST-5-985	8/11/2025	For Low Level SW-846 Method 8260C, there were no detections in the equipment blank.
ST-5-985	**8/11/2025**	**For Low Level SW-846 Method 8260C, sample 2508111445Y is incorrectly reported as sample "25081114445Y" 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.**
BLM-32-543	**8/12/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- (6.4 ug/L), Silane, methoxytrimethyl- (2.1 ug/L) and Cyclotrisiloxane, hexamethyl- (0.83 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508121255B.**
BLM-32-543	**8/12/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- (6.3 ug/L) and Silane, methoxytrimethyl- (1.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2508121256B.**
BLM-32-543	**8/12/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- (11 ug/L), Silane, methoxytrimethyl- (1.2 ug/L), Cyclotrisiloxane, hexamethyl- (1.0 ug/L) and Benzene, 2,4-dichloro-1-methyl- (0.93 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511588-03) for analytical batch 891068. Groundwater data are affected by this method blank contamination are flagged.**
BLM-32-543	8/12/2025	For SW-846 Method 8260C, 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	**8/12/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the field blank (2508121256B) at 6.3 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2508121256B) at 1.2 ug/L.**
BLM-32-543	8/12/2025	For SW-846 Method 8260C, 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	8/12/2025	For SW-846 Method 8260C, 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	**8/12/2025**	**For SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2508121320B.**
BLM-32-571	**8/12/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the field blank (2508121321B) at 4.6 ug/L and is an estimated value and tentatively identified by a GC/MS library search.**
BLM-32-571	8/12/2025	For SW-846 Method 8260C, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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	**8/12/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- (11 ug/L), Silane, methoxytrimethyl- (1.2 ug/L), Cyclotrisiloxane, hexamethyl- (1.0 ug/L) and Benzene, 2,4-dichloro-1-methyl- (0.93 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511588-03) for analytical batch 891068. Groundwater data are affected by this method blank contamination are flagged.**
ST-5-815	**8/12/2025**	**For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2508120750Y, equipment blank sample 2508120945Y, and sample 2508121325Y.**
ST-5-815	**8/12/2025**	**For Low Level SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the trip blank (2508120750Y) at 8.7 ug/L. Silane, methoxytrimethyl- was detected in the trip blank (2508120750Y) at 2.4 ug/L. Silanol, trimethyl- was detected in the trip blank (2508120750Y) at 2.2 ug/L. Cyclotrisiloxane, hexamethyl- was detected in the trip blank (2508120750Y) at 0.72 ug/L.**
ST-5-815	**8/12/2025**	**For Low Level SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the equipment blank (2508120945Y) at 7.2 ug/L. Silane, methoxytrimethyl- was detected in the equipment blank (2508120945Y) at 2.7 ug/L. Silanol, trimethyl- was detected in the equipment blank (2508120945Y) at 2.4 ug/L.**
BLM-32-632	8/13/2025	For SW-846 Method 8260C, 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	8/13/2025	For SW-846 Method 8260C, 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	8/13/2025	For SW-846 Method 8260C, 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	8/13/2025	For SW-846 Method 8260C, 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. The analytes affected are flagged in the LCS Summary.
BLM-32-632	**8/13/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the field blank (2508131131B) at 1.7 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2508131131B) at 3.1 ug/L. Silanol, trimethyl- was detected in the field blank (2508131131B) at 1.7 ug/L.**
BLM-32-632	**8/13/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- (1.9 ug/L) and Silane, methoxytrimethyl- (1.2 ug/L), Cyclotrisiloxane, hexamethyl- (1.0 ug/L) and Benzene, 2,4-dichloro-1-methyl- (0.93 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511588-03) for analytical batchs 891068 and 891165. Groundwater data are affected by this method blank contamination are flagged.**
BLM-32-632	**8/13/2025**	**For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- (1.7 ug/L) and Silane, methoxytrimethyl- (1.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508131130B.**
BLM-32-632	**8/13/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- (3.1 ug/L), Silanol, trimethyl- (1.7 ug/L) and Cyclotetrasiloxane, octamethyl- (1.7 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2508131131B.**

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ST-5-1175	**8/13/2025**	**For SW-846 Method 8260D, Cyclotetrasiloxane, octamethyl- (1.7 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2508131420Y.**
ST-5-1175	**8/13/2025**	**For Low Level SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the equipment blank (2508131420Y) at 1.7 ug/L.**
ST-5-485	**8/13/2025**	**For Low Level SW-846 Method 8260D, Cyclotetrasiloxane, octamethyl- (2 ug/L and 1.8 ug/L) Silanol, trimethyl- (1.3 ug/L), and Silane, methoxytrimethyl- (2 ug/L and 2.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2508130900Y and sample 2508131020Y.**
ST-5-485	**8/13/2025**	**For Low Level SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the equipment blank (2508130900Y) at 2.0 ug/L. Silane, methoxytrimethyl- was detected in the equipment blank (2508130900Y) at 2.0 ug/L. Silanol, trimethyl- was detected in the equipment blank (2508130900Y) at 1.3 ug/L.**
WB-14-520	**8/14/2025**	**For Low Level SW-846 Method 8260D, TCE (0.22 ug/L) and Vinyl Chloride (0.21 ug/L) in sample 2508141400Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WB-14-520	8/14/2025	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.
WB-14-520	8/14/2025	For Low Level SW-846 Method 8260D, 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.
WB-14-520	**8/14/2025**	**For Low Level SW-846 Method 8260D, the control limits were exceeded for one or more surrogates. Samples being reanalyzed out of hold on compliant system as RA's.**
WB-14-520	8/14/2025	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.
WB-14-520	8/14/2025	For Low Level SW-846 Method 8260C, there were no detections in the equipment blank.
WW-4-419	**8/14/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (0.79 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508141300B.**
WW-4-419	**8/14/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (8.1 ug/L) and Silanol, trimethyl- (2.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508141321B.**
WW-4-419	**8/14/2025**	**For Low Level SW-846 Method 8260D, Methane, trimethoxy- (2.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508141301B.**
WW-4-419	8/14/2025	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-4-419	8/14/2025	For Low Level SW-846 Method 8260D, 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.
WW-4-419	**8/14/2025**	**For Low Level SW-846 Method 8260D, the control limits were exceeded for one or more surrogates. Samples being reanalyzed out of hold on compliant system as RA's.**
WW-4-419	8/14/2025	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

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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-4-419	8/14/2025	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.
WW-4-419	**8/14/2025**	**For Low Level SW-846 Method 8260C, Methane, trimethoxy- was detected in the field blank (2508141301B) at 2.3 ug/L.**
WW-4-419	8/14/2025	For Low Level SW-846 Method 8260C, there were no detections in the trip blank.
WW-4-589	**8/14/2025**	**For SW-846 Method 8260C, Toluene (0.36 ug/L) is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-4-589	8/14/2025	For SW-846 Method 8260C, there were no detections in the field blank.
WW-4-589	8/14/2025	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-4-589	8/14/2025	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-4-589	**8/14/2025**	**For SW-846 Method 8260D, the control limits were exceeded for one or more surrogates. Samples being reanalyzed out of hold on compliant system as RA's.**
WW-4-589	8/14/2025	For SW-846 Method 8260D, 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.
WW-4-589	8/14/2025	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.
PL-12-570	8/15/2025	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.
PL-12-570	8/15/2025	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.
PL-12-570	8/15/2025	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.
PL-12-570	**8/15/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
PL-12-570	8/15/2025	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2508151025A and 2508151026A were within control limits or below the calculable range.
PL-12-570	8/15/2025	For SW-846 Method 8260C, there were no detections in the field blank.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
400-GV-125	**8/18/2025**	**For SW-846 Method 8260C, Acetic Acid (93 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511692-04) for analytical batch 891610. Groundwater data are affected by this method blank contamination are flagged.**
400-GV-125	**8/18/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (2.2 ug/L and 1.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508181400A and field blank sample 2508181402A.**
400-GV-125	**8/18/2025**	**For SW-846 Method 8260D, Acetic Acid (0.67 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508181402A.**
400-GV-125	**8/18/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
400-GV-125	**8/18/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The analytes affected are flagged accordingly.**
400-GV-125	**8/18/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2508181402A) at 1.1 ug/L. Acetic Acid was detected in the field blank (2508181402A) at 0.67 ug/L.**
400-GV-125	8/18/2025	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.
400-GV-125	8/18/2025	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.
400-GV-125	8/18/2025	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.
B650-EFF-1	8/18/2025	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.
B650-EFF-1	**8/18/2025**	**For SW-846 Method 8260D, Methyl nitrite (2.7 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508181259. Silane, methoxytrimethyl- (4.6 ug/L) and Methyl nitrite (2.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in duplicate sample 2508181300.**
B650-EFF-1	8/18/2025	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.
B650-EFF-1	8/18/2025	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.
B650-EFF-1	8/18/2025	For Low Level SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2508181259 and 2508181300 were within control limits or below the calculable range.
B650-EFF-1	8/18/2025	For Low Level SW-846 Method 8260C, there were no detections in the field blank.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
B650-INF-1	**8/18/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (4.8 ug/L) and Silanol, trimethyl- (2.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508181311.**
B650-INF-1	**8/18/2025**	**For SW-846 Method 8260D, Acetic Acid (0.72 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508181312.**
B650-INF-1	**8/18/2025**	**For SW-846 Method 8260D, PCE (0.58 ug/L) in sample 2508181311 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B650-INF-1	**8/18/2025**	**For SW-846 Method 8260C, Acetic Acid (1.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511692-04) for analytical batch 891610. Groundwater data are affected by this method blank contamination are flagged.**
B650-INF-1	**8/18/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
B650-INF-1	**8/18/2025**	**For SW-846 Method 8260C, Acetic Acid was detected in the field blank (2508181312) at 0.72 ug/L.**
B650-INF-1	8/18/2025	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.
B650-INF-1	8/18/2025	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.
B650-INF-1	8/18/2025	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.
PL-12-800	**8/18/2025**	**For SW-846 Method 8260D, Acetic Acid (0.50 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508181015A.**
PL-12-800	**8/18/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (1.9 ug/L and 0.95 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508181015A and field blank sample 2508181016A.**
PL-12-800	**8/18/2025**	**For SW-846 Method 8260C, Acetic Acid (1.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511692-04) for analytical batch 891610. Groundwater data are affected by this method blank contamination are flagged.**
PL-12-800	**8/18/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
PL-12-800	**8/18/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2508181016A) at 0.95 ug/L.**
PL-12-800	8/18/2025	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.
PL-12-800	8/18/2025	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.
PL-12-800	8/18/2025	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

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	8/18/2025	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-4-848	8/18/2025	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-4-848	8/18/2025	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-4-848	**8/18/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (1.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508181311B.**
WW-4-848	8/18/2025	For Low Level SW-846 Method 8260C, there were no detections in the trip blank.
WW-4-848	**8/18/2025**	**For Low Level SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2508181311B) at 1.3 ug/L.**
WW-4-948	8/18/2025	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-4-948	8/18/2025	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-4-948	8/18/2025	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-4-948	**8/18/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (2.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508181321B.**
WW-4-948	8/18/2025	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
400-JV-150	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The analytes affected are flagged accordingly.**
400-JV-150	**8/19/2025**	**For SW-846 Method 8260D, Propanoic acid, anhydride (4.9 UG/l) and Silane, methoxytrimethyl- (1.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508190955A.**
400-JV-150	8/19/2025	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.
400-JV-150	8/19/2025	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

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.
400-JV-150	**8/19/2025**	**For SW-846 Method 8260D, CFC 11 (710 ug/L) in sample 2508190955A required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
400-JV-150	8/19/2025	For SW-846 Method 8260C, there were no detections in the field blank.
400-JV-150	**8/19/2025**	**For SW-846 Method 8260D, TCE (0.76 ug/L) and CFC 123a (0.46 ug/L) in sample 2508190955A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-JV-150	8/19/2025	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.
400-JV-150	8/19/2025	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-EFF-2	8/19/2025	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-EFF-2	8/19/2025	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.
B655-EFF-2	8/19/2025	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-EFF-2	**8/19/2025**	**For SW-846 Method 8260D, Methyl nitrite (1.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508191251. Silane, methoxytrimethyl- (0.89 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2508191252.**
B655-EFF-2	**8/19/2025**	**For Low Level SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2508191252) at 0.89 ug/L.**
B655-INF-2	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
B655-INF-2	8/19/2025	For SW-846 Method 8260C, there were no detections in the field blank.
B655-INF-2	8/19/2025	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	8/19/2025	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	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		upper control limit (80-123%) for the LCS was exceeded for cis-1,2-Dichloroethene (123%). The analytes affected are flagged accordingly.
B655-INF-2	**8/19/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (360 ug/L) in sample 2508191306 required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
B655-INF-2	**8/19/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (3.6 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508191306.**
B655-INF-2	8/19/2025	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.
B655-INF-2	8/19/2025	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.
MPE-1	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
MPE-1	**8/19/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2508190831) at 2.7 ug/L. Silanol, trimethyl- was detected in the field blank (2508190831) at 1.2 ug/L.**
MPE-1	8/19/2025	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.
MPE-1	8/19/2025	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.
MPE-1	**8/19/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (380 ug/L) in sample 2508190830 required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
MPE-1	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The upper control limit (80-123%) for the LCS was exceeded for cis-1,2-Dichloroethene (123%). The analytes affected are flagged accordingly.**
MPE-1	**8/19/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (3.3 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508190830.**
MPE-1	**8/19/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (2.7 ug/L) and Silanol, trimethyl- (1.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508190831.**
MPE-1	8/19/2025	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.
MPE-1	8/19/2025	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.
MPE-1	8/19/2025	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

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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	8/19/2025	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.
MPE-10	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
MPE-10	8/19/2025	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.
MPE-10	**8/19/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (230 ug/L and 220 ug/L) in samples 2508190911 and 2508190912 required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
MPE-10	**8/19/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2508190913) at 1.9 ug/L.**
MPE-10	8/19/2025	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.
MPE-10	8/19/2025	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2508190912 and 2508190912 were within control limits or below the calculable range.
MPE-10	**8/19/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (1.9 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508190911 and field blank sample 2508190913.**
MPE-10	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The analytes affected are flagged accordingly.**
MPE-10	8/19/2025	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.
MPE-11	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
MPE-11	**8/19/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (1.6 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508190911 and field blank sample 2508190936.**
MPE-11	**8/19/2025**	**For SW-846 Method 8260D, PCE (0.37 ug/L) and CFC 123a (0.85 ug/L) in sample 2508190936 are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
MPE-11	8/19/2025	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.
MPE-11	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The analytes affected are flagged accordingly.**

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MPE-11	8/19/2025	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.
MPE-11	8/19/2025	For SW-846 Method 8260C, there were no detections in the field blank.
MPE-11	8/19/2025	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.
MPE-9	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
MPE-9	8/19/2025	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.
MPE-9	8/19/2025	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.
MPE-9	8/19/2025	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.
MPE-9	8/19/2025	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.
MPE-9	**8/19/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (460 ug/L) and CFC 11 (220 ug/L) in sample 2508190841 required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
MPE-9	8/19/2025	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.
MPE-9	8/19/2025	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.
MPE-9	**8/19/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2508190842) at 1.8 ug/L.**
MPE-9	**8/19/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (0.9 ug/L and 1.8 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508190841 and field blank sample 2508190842.**
MPE-9	**8/19/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The analytes affected are flagged accordingly.**
MPE-3	**8/20/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
MPE-3	8/20/2025	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.
MPE-3	**8/20/2025**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (610 ug/L) in sample 2508200900 required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
MPE-3	**8/20/2025**	**For SW-846 Method 8260D, Silane, methoxytrimethyl- (3.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508200900.**
MPE-3	8/20/2025	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.
MPE-3	**8/20/2025**	**For SW-846 Method 8260D, CFC 11 (220 ug/L) in sample 2508200900 has exceeded the calibration range.**
MPE-3	8/20/2025	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.
MPE-3	8/20/2025	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.
MPE-3	8/20/2025	For SW-846 Method 8260C, there were no detections in the field blank.
MPE-3	**8/20/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The analytes affected are flagged accordingly.**
MPE-4	8/20/2025	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.
MPE-4	**8/20/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%). The analytes affected are flagged accordingly.**
MPE-4	8/20/2025	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.
MPE-4	**8/20/2025**	**For SW-846 Method 8260C, cis-1,2-Dichloroethene (0.3 ug/L) in sample 2508200821 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
MPE-4	**8/20/2025**	**For SW-846 Method 8260C, the upper control limit (70-130%) for the Laboratory Control Sample (LCS) was exceeded for CFC 11 (134%) and CFC 21 (131%). The upper control limit (80-123%) for the LCS was exceeded for cis-1,2-Dichloroethene (123%). The analytes affected are flagged accordingly.**
MPE-4	8/20/2025	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
MPE-4	8/20/2025	For SW-846 Method 8260C, there were no detections in the field blank.
WB-5-250	8/20/2025	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.
WB-5-250	8/20/2025	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.
WB-5-250	**8/20/2025**	**For SW-846 Method 8260D, Sulfur Dioxide (1.8 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511859-03) for analytical batch 891907. Groundwater data are affected by this method blank contamination are flagged.**
WB-5-250	**8/20/2025**	**For SW-846 Method 8260D, Bromomethane (0.77 ug/L) was detected in method blank (RQ2511859-03) above the MDL, but below the PQL for analytical batch 891907. The method blank sample was flagged with a "J".**
WB-5-250	8/20/2025	For SW-846 Method 8260D, the Method Blank contained a low level of one or more analytes at concentrations above the Method Detection Limit (MDL). Since there were no detections of the analyte(s) in the associated field samples above the Method Reporting Limit (MRL), the data quality was not significantly affected and no further corrective action was taken.
WB-5-250	**8/20/2025**	**For SW-846 Method 8260D, Bromomethane (0.94 ug/L), and Carbon Disulfide (0.46 ug/L) in sample equipment blank 2508201405Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-250	**8/20/2025**	**For SW-846 Method 8260D, Bromomethane (1.2 ug/L), Ethylbenzene (0.61 ug/L), and Styrene (0.25 ug/L) in sample 2508250919Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-250	**8/20/2025**	**For SW-846 Method 8260D, Sulfur Dioxide (18 ug/L and 1.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2508201405Y and sample 2508250919Y. Trimethylsilyl fluoride (3.6 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2508250919Y.**
WB-5-250	8/20/2025	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.
WB-5-250	**8/20/2025**	**For SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2508201405Y) at 18.0 ug/L. Bromomethane was detected in the equipment blank (2508201405Y) at 0.94 ug/L. Carbon Disulfide was detected in the equipment blank (2508201405Y) at 0.46 ug/L.**
WB-5-280	**8/20/2025**	**For SW-846 Method 8260D, Sulfur Dioxide (160 ug/L), Carbonyl Sulfide (9.6 ug/L), and Trimethylsilyl fluoride (2.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508201305Y.**
WB-5-280	**8/20/2025**	**For SW-846 Method 8260D, Bromomethane (1.1 ug/L), Carbon Disulfide (0.62 ug/L), and Chloromethane (0.62 ug/L) in equipment blank sample 2508201025Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-280	**8/20/2025**	**For SW-846 Method 8260D, Sulfur Dioxide (38 ug/L), Butylated Hydroxytoluene (20 ug/L), and Glycidol (2.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2508201025Y.**
WB-5-280	**8/20/2025**	**For SW-846 Method 8260D, Chloromethane (0.69 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511754-03) for analytical batch 891742. Groundwater data are affected by this method blank contamination are flagged.**
WB-5-280	**8/20/2025**	**For SW-846 Method 8260D, Bromomethane (0.98 ug/L), Ethylbenzene (0.52 ug/L), and Styrene (0.28 ug/L) in sample 2508201305Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**

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WB-5-280	8/20/2025	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.
WB-5-280	8/20/2025	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.
WB-5-280	8/20/2025	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.
WB-5-280	8/20/2025	For SW-846 Method 8260D, the Method Blank contained a low level of one or more analytes at concentrations above the Method Detection Limit (MDL). Since there were no detections of the analyte(s) above the Method Reporting Limit (MRL) in the associated field samples, the data quality was not significantly affected and no further corrective action was taken.
WB-5-280	**8/20/2025**	**For SW-846 Method 8260C, Glycidol was detected in the equipment blank (2508201025Y) at 2.9 ug/L. Sulfur Dioxide was detected in the equipment blank (2508201025Y) at 38.0 ug/L. Butylated Hydroxytoluene was detected in the equipment blank (2508201025Y) at 20.0 ug/L. Bromomethane was detected in the equipment blank (2508201025Y) at 1.1 ug/L. Carbon Disulfide was detected in the equipment blank (2508201025Y) at 0.62 ug/L. Chloromethane was detected in the equipment blank (2508201025Y) at 0.62 ug/L.**
WB-5-345	**8/20/2025**	**For SW-846 Method 8260D, Bromomethane (1.1 ug/L and 0.98 ug/L) and Chloromethane (0.62 ug/L and 0.95 ug/L) in trip blank sample 2508200700Y and equipment blank sample 2508200830Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-345	**8/20/2025**	**For SW-846 Method 8260D, Silanol, trimethyl- (4.6 ug/L), Silane, methoxytrimethyl- (3.1 ug/L), and Sulfur Dioxide (1.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2508200700Y.**
WB-5-345	**8/20/2025**	**For SW-846 Method 8260D, Bromomethane (0.89 ug/L), and Ethylbenzene (0.29 ug/L) in sample 2508200932Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-345	**8/20/2025**	**For SW-846 Method 8260D, Chloromethane (0.69 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511754-03) for analytical batch 891742. Groundwater data are affected by this method blank contamination are flagged.**
WB-5-345	**8/20/2025**	**For SW-846 Method 8260D, Sulfur Dioxide (200 ug/L) and Carbonyl Sulfide (15 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2508200930Y.**
WB-5-345	**8/20/2025**	**For SW-846 Method 8260D, Chloromethane (0.69 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2511754-03) for analytical batch 891742. Groundwater data are affected by this method blank contamination are flagged.**
WB-5-345	8/20/2025	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.
WB-5-345	8/20/2025	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.
WB-5-345	8/20/2025	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)

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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.
WB-5-345	8/20/2025	For SW-846 Method 8260D, the Method Blank contained a low level of one or more analytes at concentrations above the Method Detection Limit (MDL). Since there were no detections of the analyte(s) above the Method Reporting Limit (MRL) in the associated field samples, the data quality was not significantly affected and no further corrective action was taken.
WB-5-345	**8/20/2025**	**For SW-846 Method 8260C, Bromomethane was detected in the trip blank (2508200700Y) at 1.1 ug/L. Chloromethane was detected in the trip blank (2508200700Y) at 0.68 ug/L. Sulfur Dioxide was detected in the trip blank (2508200700Y) at 1.6 ug/L. Silane, methoxytrimethyl- was detected in the trip blank (2508200700Y) at 3.1 ug/L. Silanol, trimethyl- was detected in the trip blank (2508200700Y) at 4.6 ug/L.**
WB-5-345	**8/20/2025**	**For SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2508200830Y) at 4.0 ug/L. Bromomethane was detected in the equipment blank (2508200830Y) at 0.98 ug/L. Chloromethane was detected in the equipment blank (2508200830Y) at 0.95 ug/L.**

Well ID	Event Date	Modified EPA Method 607 QA Narratives
200-H-225	**8/5/2025**	**For Modified EPA Method 607, Bromacil (0.007 ug/L) in sample 2508050947Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
200-H-225	8/5/2025	For Modified EPA Method 607, there were no detections in the equipment blank.
BLM-23-431	**8/7/2025**	**For Modified EPA Method 607 in blind control sample (2508071031A), the percent recovery for Bromacil (38.0%) was outside of the standard limits (50.0-190.0%).**
BLM-32-571	8/12/2025	For Modified EPA Method 607, matrix spike recoveries for sample 2508121323B were within laboratory control limits.
400-GV-125	8/18/2025	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2508181410A and 2508181415A were within control limits or below the calculable range.
MPE-11	**8/19/2025**	**For Modified EPA Method 607, Bromacil (0.007 ug/L) in sample 2508190938 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
MPE-9	8/19/2025	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2508190843 and 2508190844 were within control limits or below the calculable range.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
BLM-25-455	8/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-7-560	8/1/2025	For Low Level Nitrosamine Method, there were no detections in the equipment blank.
PL-7-560	8/1/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
NASA 3	**8/11/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2508111436B) at 0.39 ng/L.**
NASA 3	8/11/2025	For Low Level Nitrosamine Method, Samples 2508111433B (NASA 3) and 2508121400Y (ST-5-815) were lost in extraction and have zero internal standard recovery. Results for these samples have been flagged with an "R" to denote rejected data. For all other samples and QC, internal standard recoveries for DMN-d6 were within the QC limit of 10-100%. Recoveries for NDMA-d6 were within the QC limit of 10-100% for two samples and the QC and below 10% in the remainder of the samples. NDMA was detected above the MDL in all samples with a reported recovery. The low NDMA-d6 recoveries have little impact on the data.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
NASA 3	**8/11/2025**	**For Low Level Nitrosamine Method, sample 2508111433B (NASA 3) was lost in extraction and has zero internal standard recovery. Results for this sample has been flagged with an "R" to denote rejected data.**
NASA 3	**8/11/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for both spiked compounds. It is unclear whether this is a spike issue, but it may indicate a high bias to detections near the LFB spike level.**
ST-5-655	**8/11/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2508110731Y) at 0.48 ng/L.**
ST-5-655	**8/11/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.48 ng/L) in trip blank sample 2508110731Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-5-655	**8/11/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2508110841Y) at 0.86 ng/L.**
ST-5-655	**8/11/2025**	**For Low Level Nitrosamine Method, NDMA was detected in method blank (PB25H15JZ1) above the MDL, but below the PQL. The method blank sample was flagged with a "J".**
ST-5-655	**8/11/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for both spiked compounds. It is unclear whether this is a spike issue, but it may indicate a high bias to detections near the LFB spike level.**
ST-5-985	**8/11/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2508111301Y) at 0.81 ng/L.**
ST-5-985	**8/11/2025**	**For Low Level Nitrosamine Method, NDMA was detected in method blank (PB25H15JZ1) above the MDL, but below the PQL. The method blank sample was flagged with a "J".**
ST-5-985	**8/11/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for both spiked compounds. It is unclear whether this is a spike issue, but it may indicate a high bias to detections near the LFB spike level.**
BLM-32-543	**8/12/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2508121258B) at 0.42 ng/L and is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-32-543	**8/12/2025**	**For Low Level Nitrosamine Method, NDMA was detected in method blank (PB25H15JZ1) above the MDL, but below the PQL. The method blank sample was flagged with a "J".**
BLM-32-543	**8/12/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for both spiked compounds. It is unclear whether this is a spike issue, but it may indicate a high bias to detections near the LFB spike level.**
BLM-32-571	**8/12/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2508121325B) at 0.48 ng/L.**
BLM-32-571	8/12/2025	For Low Level Nitrosamine Method, Internal standard recoveries were within the acceptance limits of 10-100% for all blank, LFB and LCS samples. Recoveries for NDMA-d6 in samples were below 10% in twelve of the 21 samples (including the MS and MSD). Recoveries for DMN-d6 were within acceptance limits for all samples. A peak was detected in the retention time region of NDMA in all samples with a low recovery. In two cases, the samples are “U” flagged because the peak was below the MDL. The low NDMA-d6 recoveries have little impact on the data.
BLM-32-571	**8/12/2025**	**For Low Level Nitrosamine Method, Blank PB25H19JZ2 contained NDMA at a concentration between the MDL and PQL. As the detection was "J" flagged, samples were not flagged with a "B". There were no other blank detections above the MDL.**
ST-5-815	**8/12/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2508120946Y) at 0.59 ng/L.**
ST-5-815	8/12/2025	For Low Level Nitrosamine Method, Samples 2508111433B (NASA 3) and 2508121400Y (ST-5-815) were lost in extraction and have zero internal standard recovery. Results for these samples have been flagged with an "R" to denote rejected data. For all other samples and QC, internal standard recoveries for DMN-d6 were within the QC limit of 10-100%. Recoveries for NDMA-d6 were within the QC limit of 10-100% for two samples and the QC and below

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
		10% in the remainder of the samples. NDMA was detected above the MDL in all samples with a reported recovery. The low NDMA-d6 recoveries have little impact on the data.
ST-5-815	**8/12/2025**	**For Low Level Nitrosamine Method, sample 2508121400Y (ST-5-815) was lost in extraction and has zero internal standard recovery. Results for this sample has been flagged with an "R" to denote rejected data.**
ST-5-815	**8/12/2025**	**For Low Level Nitrosamine Method, NDMA was detected in method blank (PB25H15JZ1) above the MDL, but below the PQL. The method blank sample was flagged with a "J".**
ST-5-815	**8/12/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for both spiked compounds. It is unclear whether this is a spike issue, but it may indicate a high bias to detections near the LFB spike level.**
BLM-32-632	**8/13/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2508131134B) at 0.47 ng/L.**
BLM-32-632	**8/13/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.47 ng/L) is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-32-632	**8/13/2025**	**For Low Level Nitrosamine Method, Blank PB25H19JZ2 contained NDMA at a concentration between the MDL and PQL. As the detection was "J" flagged, samples were not flagged with a "B". There were no other blank detections above the MDL.**
BLM-32-632	8/13/2025	For Low Level Nitrosamine Method, Internal standard recoveries were within the acceptance limits of 10-100% for all blank, LFB and LCS samples. Recoveries for NDMA-d6 in samples were below 10% in twelve of the 21 samples (including the MS and MSD). Recoveries for DMN-d6 were within acceptance limits for all samples. A peak was detected in the retention time region of NDMA in all samples with a low recovery. In two cases, the samples are "U" flagged because the peak was below the MDL. The low NDMA-d6 recoveries have little impact on the data.
ST-5-1175	**8/13/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2508131421Y) at 1.05 ng/L.**
ST-5-1175	8/13/2025	For Low Level Nitrosamine Method, Internal standard recoveries were within the acceptance limits of 10-100% for all blank, LFB and LCS samples. Recoveries for NDMA-d6 in samples were below 10% in twelve of the 21 samples (including the MS and MSD). Recoveries for DMN-d6 were within acceptance limits for all samples. A peak was detected in the retention time region of NDMA in all samples with a low recovery. In two cases, the samples are “U” flagged because the peak was below the MDL. The low NDMA-d6 recoveries have little impact on the data.
ST-5-1175	**8/13/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.37 ng/L) in sample 2508140857Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-5-485	8/13/2025	For Low Level Nitrosamine Method, matrix spike recoveries for sample 2508131045Y were within laboratory control limits.
ST-5-485	8/13/2025	For Low Level Nitrosamine Method, Internal standard recoveries were within the acceptance limits of 10-100% for all blank, LFB and LCS samples. Recoveries for NDMA-d6 in samples were below 10% in twelve of the 21 samples (including the MS and MSD). Recoveries for DMN-d6 were within acceptance limits for all samples. A peak was detected in the retention time region of NDMA in all samples with a low recovery. In two cases, the samples are “U” flagged because the peak was below the MDL. The low NDMA-d6 recoveries have little impact on the data.
ST-5-485	**8/13/2025**	**For Low Level Nitrosamine Method, Blank PB25H19JZ2 contained NDMA at a concentration between the MDL and PQL. As the detection was "J" flagged, samples were not flagged with a "B". There were no other blank detections above the MDL.**
ST-5-485	**8/13/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2508130901Y) at 0.81 ng/L.**
ST-5-485	**8/13/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2508130730Y) at 0.36 ng/L.**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
ST-5-485	8/13/2025	For Low Level Nitrosamine Method, matrix spike recoveries for sample 2508131045Y were within laboratory control limits.
ST-5-485	**8/13/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.48 ng/L) in trip blank sample 2508130730Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-4-419	**8/14/2025**	**For Low Level Nitrosamine Method, samples 2508141302B (7.77 ng/L) and 2508141304B (6.39 ng/L) had peaks in the retention time region of NDMA that failed ion ratio and are noted with a "K" flag. The peak ratio did not meet ± 25% criteria. Concentration should be considered an estimated maximum possible concentration.**
WW-4-419	8/14/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
WW-4-419	8/14/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2508141302B and 2508141304B were within control limits or below the calculable range.
WW-4-419	8/14/2025	For Low Level Nitrosamine Method in blind control sample (2508141400B), all recoveries were within standard limits.
WW-4-419	8/14/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-4-419	8/14/2025	For Low Level Nitrosamine Method, Internal standard recoveries were within the acceptance limits of 10-100% for all blank, LFB and LCS samples. Recoveries for NDMA-d6 in samples were below 10% in twelve of the 21 samples (including the MS and MSD). Recoveries for DMN-d6 were within acceptance limits for all samples. A peak was detected in the retention time region of NDMA in all samples with a low recovery. In two cases, the samples are “U” flagged because the peak was below the MDL. The low NDMA-d6 recoveries have little impact on the data.
WW-4-589	8/14/2025	For Low Level Nitrosamine Method, Internal standard recoveries were within the acceptance limits of 10-100% for all blank, LFB and LCS samples. Recoveries for NDMA-d6 in samples were below 10% in twelve of the 21 samples (including the MS and MSD). Recoveries for DMN-d6 were within acceptance limits for all samples. A peak was detected in the retention time region of NDMA in all samples with a low recovery. In two cases, the samples are “U” flagged because the peak was below the MDL. The low NDMA-d6 recoveries have little impact on the data.
WW-4-589	8/14/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-12-570	8/15/2025	For Low Level Nitrosamine Method, Internal standard recoveries were within the acceptance limits of 10-100% for all blank, LFB and LCS samples. Recoveries for NDMA-d6 in samples were below 10% in twelve of the 21 samples (including the MS and MSD). Recoveries for DMN-d6 were within acceptance limits for all samples. A peak was detected in the retention time region of NDMA in all samples with a low recovery. In two cases, the samples are “U” flagged because the peak was below the MDL. The low NDMA-d6 recoveries have little impact on the data.
PL-12-570	8/15/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-12-570	8/15/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2508151029A and 2508151030A were within control limits or below the calculable range.
B650-EFF-1	8/18/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-12-800	**8/18/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2508181024A) at 0.38 ng/L.**
PL-12-800	8/18/2025	For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (153%). However, the amount of NDMA detected in the blank fell below the MDL and was not reported. If that amount had been subtracted from the LFB, it would have been within the acceptance range. This could indicate a possible high bias for samples with NDMA concentrations near the LFB spike level.
PL-12-800	**8/18/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.38 ng/L) in sample 2508181024A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-4-848	8/18/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
WW-4-848	8/18/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
WW-4-848	8/18/2025	For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (153%). However, the amount of NDMA detected in the blank fell below the MDL and was not reported. If that amount had been subtracted from the LFB, it would have been within the acceptance range. This could indicate a possible high bias for samples with NDMA concentrations near the LFB spike level.
WW-4-948	**8/18/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2508181324B) at 0.45 ng/L.**
WW-4-948	8/18/2025	For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (153%). However, the amount of NDMA detected in the blank fell below the MDL and was not reported. If that amount had been subtracted from the LFB, it would have been within the acceptance range. This could indicate a possible high bias for samples with NDMA concentrations near the LFB spike level.
WW-4-948	**8/18/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.45 ng/L) in sample 2508181324B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**8/19/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2508191255) at 0.5 ng/L.**
B655-EFF-2	8/19/2025	For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (153%). However, the amount of NDMA detected in the blank fell below the MDL and was not reported. If that amount had been subtracted from the LFB, it would have been within the acceptance range. This could indicate a possible high bias for samples with NDMA concentrations near the LFB spike level.

Well ID	Event Date	SW-846 Method 8270D QA Narratives
BLM-25-455	**8/1/2025**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in method blank (RQ2510224-01) for batch 461917.**
BLM-25-455	**8/1/2025**	**For SW-846 Method 8270E, multiple compounds are estimated values and tentatively identified by a GC/MS library search in sample 2508010936A.**
BLM-32-571	**8/12/2025**	**For Low Level SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2510957-01) for analytical batch 462676. Groundwater data are affected by this method blank contamination are flagged.**
BLM-32-571	**8/12/2025**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2508121326B.**
BLM-32-632	**8/13/2025**	**For Low Level SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2510957-01) for analytical batch 462676. Groundwater data are affected by this method blank contamination are flagged.**
BLM-32-632	**8/13/2025**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2508131135B.**
BLM-32-632	8/13/2025	For SW-846 Method 8270D, 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	8/13/2025	For SW-846 Method 8270D, 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	Total Metals QA Narratives
BLM-25-455	**8/1/2025**	**For Total Metals, multiple analyte results in sample 2508010937A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-25-455	**8/1/2025**	**For Total Metals, Zinc, Total was detected in the field blank (2508010938A) at 0.004 mg/L.**
200-H-331	**8/4/2025**	**For Total Metals, multiple analyte results in sample 2508041015Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-H-433	**8/4/2025**	**For Total Metals, Calcium, Total was detected in the equipment blank (2508041251Y) at 0.6 mg/L. Magnesium, Total was detected in the equipment blank (2508041251Y) at 0.1 mg/L. Strontium, Total was detected in the equipment blank (2508041251Y) at 0.02 mg/L. Vanadium, Total was detected in the equipment blank (2508041251Y) at 0.001 mg/L. Zinc, Total was detected in the equipment blank (2508041251Y) at 0.005 mg/L.**
200-H-433	**8/4/2025**	**For Total Metals, multiple analyte results in equipment blank sample 2508041251Y and sample 2508041345Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-H-225	**8/5/2025**	**For Total Metals, multiple analyte results in sample 2508051010Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-D-355	8/5/2025	For Total Metals, relative percent differences (RPD) for duplicate samples 2508060845Y and 2508060846Y were within control limits or below the calculable range.
400-D-355	**8/5/2025**	**For Total Metals, multiple analyte results in samples 2508060845Y and 2508060846Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-D-195	**8/6/2025**	**For Total Metals, Molybdenum (0.019 mg/L), Barium (0.017 mg/L), and Nickel (0.012 mg/L) in sample 2508061330Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-D-195	**8/6/2025**	**For Total Metals, multiple analyte results in sample 2508071000Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-D-275	**8/6/2025**	**For Total Metals, Molybdenum (0.003 mg/L) was detected in the Method blank (R2509655-MB2). Affected data flagged accordingly.**
BLM-23-431	**8/7/2025**	**For Total Metals in blind control sample (2508071032A), the percent recovery for Iron (0.0%) was outside of the standard limits (75.0-125.0%).**
BLM-23-431	**8/7/2025**	**For Total Metals, multiple analyte results in sample 2508071003A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-23-431	**8/7/2025**	**For Total Metals, samples 2508071003A and 2508071032A are incorrectly reported as "2508071003Y" and "2508011032Y" in the analytical report and the associated EDD file due to a laboratory error. The sample IDs were corrected in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.**
400-EV-131	**8/11/2025**	**For Total Metals, multiple analyte results in sample 2508111033B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
NASA 3	**8/11/2025**	For Total Metals, relative percent differences (RPD) for duplicate samples 2508111434B and 2508111435B were within control limits or below the calculable range.
NASA 3	**8/11/2025**	**For Total Metals, multiple analyte results in samples 2508111434B and 2508111435B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-5-985	**8/11/2025**	**For Total Metals, multiple analyte results in sample 2508120831Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-32-571	**8/12/2025**	**For Total Metals, multiple analyte results in samples 2508121327B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-5-815	**8/12/2025**	**For Total Metals, multiple analyte results in sample 2508121401Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-32-632	**8/13/2025**	**For Total Metals, multiple analyte results in samples 2508131150B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-5-1175	**8/13/2025**	**For Total Metals, multiple analyte results in sample 2508140935Y 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
ST-5-1175	**8/13/2025**	**For Total Metals, Nickle (0.065 mg/L) in sample 2508140935Y required 2-fold dilution. The reporting limits are adjusted to reflect the dilution.**
WB-14-520	**8/14/2025**	**For Total Metals, multiple analyte results in samples 2508141402Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
PL-12-570	**8/15/2025**	**For Total Metals, multiple analyte results in samples 2508151032A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-GV-125	8/18/2025	For Total Metals, The upper control limit was exceeded for Thallium 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.
400-GV-125	**8/18/2025**	**For Total Metals, multiple analyte results in samples 2508181420A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
PL-12-800	**8/18/2025**	**For Total Metals, multiple analyte results in samples 2508181028A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
400-JV-150	**8/19/2025**	**For Total Metals, Nickel (0.029 mg/L), Molybdenum (0.005 mg/L), and Vanadium (0.0009 mg/L) in samples 2508191015A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-250	8/20/2025	For Total Metals, The upper control limit was exceeded for Thallium 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.
WB-5-250	**8/20/2025**	**For Total Metals, multiple analyte results in samples 2508250920Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-280	**8/20/2025**	**For Total Metals, Calcium, Total was detected in the equipment blank (2508201026Y) at 0.5 mg/L. Magnesium, Total was detected in the equipment blank (2508201026Y) at 0.1 mg/L. Strontium, Total was detected in the equipment blank (2508201026Y) at 0.05 mg/L. Zinc, Total was detected in the equipment blank (2508201026Y) at 0.006 mg/L.**
WB-5-280	**8/20/2025**	**For Total Metals, multiple analyte results in equipment blank sample 2508201026Y and sample 2508201307Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WB-5-280	8/20/2025	For Total Metals, The upper control limit was exceeded for Thallium 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.
WB-5-345	8/20/2025	For Total Metals, The upper control limit was exceeded for Thallium 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.
WB-5-345	**8/20/2025**	**For Total Metals, multiple analyte results in equipment blank sample 2508201026Y and sample 2508201307Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	Miscellaneous QA Narratives
WB-14-520	8/14/2025	Samples were very aerated.
PL-12-570	8/15/2025	Initial packer pressure: 41 PSI. Final pack pressure: 41 PSI
PL-12-800	8/18/2025	Computer did not connect to transducer.
WB-5-250	**8/20/2025**	**For EPA Method 353.2, Nitrate+Nitrite as Nitrogen (0.002 ug/L) in sample 2508250952Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**

Well ID	Event Date	Miscellaneous QA Narratives
WB-5-250	8/20/2025	Per Troy Wiebe we sampled the 607 first. Will return to get the other samples at a later date. Lightning shut us down. Dan Halverson & Al Montes continued on 8/25/2025.
WB-5-345	8/20/2025	For EPA Method 353.2, Nitrate+Nitrite as Nitrogen (0.005 ug/L) in sample 2508200953Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
WB-5-345	8/20/2025	For TDS Standard Method 2540, sample 2508200951Y was received past 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 receipt by the laboratory. The data is flagged to indicate the holding time exceedance.

Table 8 – WSTF Blank Sample Detections

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
BLM-25-455	8/1/2025	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	20	ug/L	J TIC RB FB
BLM-25-455	8/1/2025	Carboy G1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	0.66	ug/L	J TIC FB
BLM-25-455	8/1/2025	Carboy G1	METALS	METALS-FB	7440-66-6	Zinc, Total	0.004	mg/L	J FB
PL-7-560	8/1/2025	Carboy G3	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	19	ug/L	J RB TIC TB EB
PL-7-560	8/1/2025	Carboy G3	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	18	ug/L	J RB TIC TB EB
PL-7-560	8/1/2025	Carboy G3	8260_LL	VOA-TB	1825-61-2	Silane, methoxytrimethyl-	1.7	ug/L	J TIC TB
PL-7-560	8/1/2025	Carboy G3	8260_LL	VOA-EB	556-67-2	Cyclotetrasiloxane, octamethyl-	0.77	ug/L	J TIC EB
PL-7-560	8/1/2025	Carboy G3	8260_LL	VOA-TB	1066-40-6	Silanol, trimethyl-	0.63	ug/L	J TIC TB
200-H-433	8/4/2025	Carboy G3	8260	VOA-EB	9/5/7446	Sulfur Dioxide	1.7	ug/L	J TIC RB EB
200-H-433	8/4/2025	Carboy G3	METALS	METALS-EB	7440-70-2	Calcium, Total	0.6	mg/L	J EB
200-H-433	8/4/2025	Carboy G3	METALS	METALS-EB	7439-95-4	Magnesium, Total	0.1	mg/L	J EB
200-H-433	8/4/2025	Carboy G3	METALS	METALS-EB	7440-24-6	Strontium, Total	0.02	mg/L	J EB
200-H-433	8/4/2025	Carboy G3	METALS	METALS-EB	7440-66-6	Zinc, Total	0.005	mg/L	J EB
200-H-433	8/4/2025	Carboy G3	METALS	METALS-EB	7440-62-2	Vanadium, Total	0.001	mg/L	J EB
200-H-225	8/5/2025	Carboy G3	8260	VOA-TB	1073-06-9	Benzene, 1-bromo-3-fluoro-	32	ug/L	J TIC TB
200-H-225	8/5/2025	Carboy G3	8260	VOA-EB	9/5/7446	Sulfur Dioxide	0.93	ug/L	J TIC RB EB
400-D-355	8/5/2025	Carboy G1	8260_LL	VOA-EB	9/5/7446	Sulfur Dioxide	1.5	ug/L	J TIC RB EB
400-D-195	8/6/2025	Carboy G1	8260_LL	VOA-EB	9/5/7446	Sulfur Dioxide	1.6	ug/L	J TIC RB EB
400-D-275	8/6/2025	Carboy G1	8260_LL	VOA-EB	9/5/7446	Sulfur Dioxide	1.2	ug/L	J TIC RB EB
BLM-23-431	8/7/2025	Carboy G1	8260	VOA-FB	10545-99-0	Sulfur dichloride	3.6	ug/L	J TIC FB
BLM-23-431	8/7/2025	Carboy G1	8260	VOA-FB	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.53	ug/L	J FB
400-EV-131	8/11/2025		8260	VOA-FB	7440-37-1	Argon	3.5	ug/L	J TIC FB
NASA 3	8/11/2025		NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.39	ng/L	J RB FB
ST-5-655	8/11/2025	Carboy G1	8260_LL	VOA-EB	149-73-5	Methane, trimethoxy-	1.7	ug/L	J TIC EB EB
ST-5-655	8/11/2025	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.86	ng/L	RB TB EB
ST-5-655	8/11/2025	Carboy G1	NDMA_LL	NDMA_LL-TB	62-75-9	N-Nitrosodimethylamine	0.48	ng/L	J RB TB EB
ST-5-985	8/11/2025	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.81	ng/L	RB EB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
BLM-32-543	8/12/2025		8260	VOA-FB	556-67-2	Cyclotetrasiloxane, octamethyl-	6.3	ug/L	J RB TIC FB
BLM-32-543	8/12/2025		8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.2	ug/L	J RB TIC FB
BLM-32-543	8/12/2025		NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.42	ng/L	J RB FB
BLM-32-571	8/12/2025		8260	VOA-FB	556-67-2	Cyclotetrasiloxane, octamethyl-	4.6	ug/L	J RB TIC FB
BLM-32-571	8/12/2025		NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.48	ng/L	FB
ST-5-815	8/12/2025	Carboy G1	8260_LL	VOA-TB	556-67-2	Cyclotetrasiloxane, octamethyl-	8.7	ug/L	J RB TIC TB EB
ST-5-815	8/12/2025	Carboy G1	8260_LL	VOA-EB	556-67-2	Cyclotetrasiloxane, octamethyl-	7.2	ug/L	J RB TIC TB EB
ST-5-815	8/12/2025	Carboy G1	8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	2.7	ug/L	J RB TIC TB EB
ST-5-815	8/12/2025	Carboy G1	8260_LL	VOA-TB	1825-61-2	Silane, methoxytrimethyl-	2.4	ug/L	J RB TIC TB EB
ST-5-815	8/12/2025	Carboy G1	8260_LL	VOA-EB	1066-40-6	Silanol, trimethyl-	2.4	ug/L	J TIC TB EB
ST-5-815	8/12/2025	Carboy G1	8260_LL	VOA-TB	1066-40-6	Silanol, trimethyl-	2.2	ug/L	J TIC TB EB
ST-5-815	8/12/2025	Carboy G1	8260_LL	VOA-TB	541-05-9	Cyclotrisiloxane, hexamethyl-	0.72	ug/L	J RB TIC TB
ST-5-815	8/12/2025	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.59	ng/L	RB EB
BLM-32-632	8/13/2025		8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	3.1	ug/L	J RB TIC FB
BLM-32-632	8/13/2025		8260	VOA-FB	1066-40-6	Silanol, trimethyl-	1.7	ug/L	J TIC FB
BLM-32-632	8/13/2025		8260	VOA-FB	556-67-2	Cyclotetrasiloxane, octamethyl-	1.7	ug/L	J RB TIC FB
BLM-32-632	8/13/2025		NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.47	ng/L	J FB
ST-5-1175	8/13/2025	Carboy G1	8260_LL	VOA-EB	556-67-2	Cyclotetrasiloxane, octamethyl-	1.7	ug/L	J RB TIC EB
ST-5-1175	8/13/2025	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	1.05	ng/L	EB
ST-5-485	8/13/2025	Carboy G1	8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	2	ug/L	J RB TIC EB
ST-5-485	8/13/2025	Carboy G1	8260_LL	VOA-EB	556-67-2	Cyclotetrasiloxane, octamethyl-	2	ug/L	J RB TIC EB
ST-5-485	8/13/2025	Carboy G1	8260_LL	VOA-EB	1066-40-6	Silanol, trimethyl-	1.3	ug/L	J TIC EB
ST-5-485	8/13/2025	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.81	ng/L	TB EB
ST-5-485	8/13/2025	Carboy G1	NDMA_LL	NDMA_LL-TB	62-75-9	N-Nitrosodimethylamine	0.36	ng/L	J TB EB
WW-4-419	8/14/2025	Carboy G3	8260_LL	VOA-FB	149-73-5	Methane, trimethoxy-	2.3	ug/L	J TIC FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
400-GV-125	8/18/2025	Carboy G1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.1	ug/L	J TIC FB
400-GV-125	8/18/2025	Carboy G1	8260	VOA-FB	64-19-7	Acetic Acid	0.67	ug/L	J RB TIC FB
B650-INF-1	8/18/2025	Carboy PF1	8260	VOA-FB	64-19-7	Acetic Acid	0.72	ug/L	J RB TIC FB
PL-12-800	8/18/2025	Carboy G1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	0.95	ug/L	J TIC FB
PL-12-800	8/18/2025	Carboy G1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.38	ng/L	J FB
WW-4-848	8/18/2025	Carboy G2	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.3	ug/L	J TIC FB
WW-4-948	8/18/2025	Carboy G2	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.45	ng/L	J FB
B655-EFF-2	8/19/2025	Carboy PF1	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	0.89	ug/L	J TIC FB
B655-EFF-2	8/19/2025	Carboy PF1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.5	ng/L	A FB
MPE-1	8/19/2025	Carboy G2	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	2.7	ug/L	J TIC FB
MPE-1	8/19/2025	Carboy G2	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	1.2	ug/L	J TIC FB
MPE-10	8/19/2025	Carboy G2	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.9	ug/L	J TIC FB
MPE-9	8/19/2025	Carboy G2	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.8	ug/L	J TIC FB
WB-5-250	8/20/2025	Carboy G3	8260	VOA-EB	9/5/7446	Sulfur Dioxide	18	ug/L	J RB TIC EB
WB-5-250	8/20/2025	Carboy G3	8260	VOA-EB	74-83-9	Bromomethane	0.94	ug/L	J RB EB
WB-5-250	8/20/2025	Carboy G3	8260	VOA-EB	75-15-0	Carbon Disulfide	0.46	ug/L	J EB
WB-5-280	8/20/2025	Carboy G3	8260	VOA-EB	9/5/7446	Sulfur Dioxide	38	ug/L	J TIC EB
WB-5-280	8/20/2025	Carboy G3	8260	VOA-EB	128-37-0	Butylated Hydroxytoluene	20	ug/L	J TIC EB
WB-5-280	8/20/2025	Carboy G3	8260	VOA-EB	556-52-5	Glycidol	2.9	ug/L	J TIC EB
WB-5-280	8/20/2025	Carboy G3	8260	VOA-EB	74-83-9	Bromomethane	1.1	ug/L	J EB
WB-5-280	8/20/2025	Carboy G3	8260	VOA-EB	75-15-0	Carbon Disulfide	0.62	ug/L	J EB
WB-5-280	8/20/2025	Carboy G3	8260	VOA-EB	74-87-3	Chloromethane	0.62	ug/L	J RB EB
WB-5-280	8/20/2025	Carboy G3	METALS	METALS-EB	7440-70-2	Calcium, Total	0.5	mg/L	J EB
WB-5-280	8/20/2025	Carboy G3	METALS	METALS-EB	7439-95-4	Magnesium, Total	0.1	mg/L	J EB
WB-5-280	8/20/2025	Carboy G3	METALS	METALS-EB	7440-24-6	Strontium, Total	0.05	mg/L	J EB
WB-5-280	8/20/2025	Carboy G3	METALS	METALS-EB	7440-66-6	Zinc, Total	0.006	mg/L	J EB
WB-5-345	8/20/2025	Carboy G3	8260	VOA-TB	1066-40-6	Silanol, trimethyl-	4.6	ug/L	J TIC TB
WB-5-345	8/20/2025	Carboy G3	8260	VOA-EB	9/5/7446	Sulfur Dioxide	4	ug/L	J TIC TB EB
WB-5-345	8/20/2025	Carboy G3	8260	VOA-TB	1825-61-2	Silane, methoxytrimethyl-	3.1	ug/L	J TIC TB
WB-5-345	8/20/2025	Carboy G3	8260	VOA-TB	9/5/7446	Sulfur Dioxide	1.6	ug/L	J TIC TB EB
WB-5-345	8/20/2025	Carboy G3	8260	VOA-TB	74-83-9	Bromomethane	1.1	ug/L	J TB EB
WB-5-345	8/20/2025	Carboy G3	8260	VOA-EB	74-83-9	Bromomethane	0.98	ug/L	J TB EB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
WB-5-345	8/20/2025	Carboy G3	8260	VOA-EB	74-87-3	Chloromethane	0.95	ug/L	J RB TB EB
WB-5-345	8/20/2025	Carboy G3	8260	VOA-TB	74-87-3	Chloromethane	0.68	ug/L	J RB TB EB

National Aeronautics and Space Administration

Quality Assurance Report for White Sands Test Facility Groundwater Monitoring Data

September 2025

NM8800019434

Report Submitted: February 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 September 2025.
- The quantity and type of quality control samples collected or prepared in September 2025.
- Quality control sample percentages in annual period immediately preceding and during September 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

Two VOA samples IDs were switched during sampling. The field logbook identifies the sample as 2509181100C and the field blank sample as 2509181101C. Data validation and historical reviews identified two detections in sample 2509181101C: Trichlorofluoromethane (CFC 11, CAS # 75-69-4) at 3.6 ug/L, and 1,1,2-Trichloro-1,2,2-Trifluoroethane (CFC , CAS # 76-13-1) at 1.8 ug/L. Sample 2509181100C was non-detect. The detections in sample 2509181101C are consistent with historical values for 300-D-153. The database header record and logbook have been corrected to show 2509181101C as the main sample and 2509181100C as the field blank.

There were no other notable anomalies in the groundwater data associated with the September 2025 QAR.

3.0 Data Tables

Table 1 summarizes the groundwater sample events initiated in September 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 September 2025

Well ID	Event Date
200-JG-110	16-Sep-25
200-KV-150	17-Sep-25
200-SG-1	15-Sep-25
300-A-120	15-Sep-25
300-D-153	18-Sep-25
700-A-253	25-Sep-25
700-D-186	24-Sep-25
700-H-350	24-Sep-25
700-H-535	23-Sep-25
700-H-670	23-Sep-25
700-J-200	24-Sep-25
B650-EFF-1	09-Sep-25
B650-INF-1	09-Sep-25
B655-EFF-2	10-Sep-25
B655-INF-2	10-Sep-25
BLM-42-569	08-Sep-25

Well ID	Event Date
BLM-42-709	08-Sep-25
BLM-5-527	17-Sep-25
BLM-7-509	12-Sep-25
BLM-9-419	02-Sep-25
BW-1-268	17-Sep-25
BW-4-330	03-Sep-25
BW-6-355	16-Sep-25
NASA 10	23-Sep-25
NASA 5	23-Sep-25
PL-11-470	03-Sep-25
PL-11-530	03-Sep-25
PL-11-710	04-Sep-25
PL-11-820	04-Sep-25
PL-11-980	04-Sep-25
PL-2-504	16-Sep-25
PL-4-464	02-Sep-25

Well ID	Event Date
PL-8-455	11-Sep-25
PL-8-605	11-Sep-25
ST-4-481	04-Sep-25
ST-4-589	04-Sep-25
ST-4-690	11-Sep-25
ST-6-528	08-Sep-25
ST-6-568	09-Sep-25
ST-6-678	09-Sep-25
ST-6-824	10-Sep-25
ST-6-970	10-Sep-25
WW-1-452	16-Sep-25
WW-2-489	15-Sep-25
WW-2-664	15-Sep-25
WW-3-469	02-Sep-25
WW-3-569	02-Sep-25

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	**2**	0	0	0	0	0	0
Total Kjeldahl Nitrogen	**2**	0	0	0	0	0	0
Nitrate plus Nitrite as N by EPA Method 353.2	**7**	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**36**	**1**	**1**	0	**1**	**2**	**1**
Perchlorate by SW-846 Method 6850	**11**	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	**22**	**19**	**3**	**2**	**1**	**5**	**1**
Low Level Volatile Organics by SW-846 Method 8260C	**25**	**21**	**4**	**5**	0	0	0
Semi-Volatile Organics by SW-846 Method 8270D	**21**	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	**6**	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**27**	**1**	**1**	0	**1**	**3**	**1**
Nitrosamines by Low-Level Method	**28**	**24**	**4**	**6**	**1**	**3**	**1**
Total Dissolved Solids by Standard Method 2540C	**8**	0	0	0	0	0	0

Table 3 – Quality Control Sample Percentages

Quality Control Requirement	Requirement %	Samp. Qty. since Aug 2024	QC Qty. Aug 2024	QC % since Aug 2024	Sample Quantity Sept 2025	QC Quantity Sept 2025	QC % Sept 2025
VOA Duplicates	**10**	667	77	**11.54**	53	7	**13.21**
VOA Matrix Spikes	**2**	667	15	**2.25**	53	1	**1.89**
607 Duplicates	**10**	416	41	**9.86**	36	2	**5.56**
607 Matrix Spikes	**2**	416	9	**2.16**	36	1	**2.78**
607 Equipment Blanks	**2**	416	9	**2.16**	36	1	**2.78**
607 Field Blanks	**2**	416	12	**2.88**	36	1	**2.78**
NDMA_LL Duplicates	**10**	377	43	**11.41**	28	3	**10.71**
NDMA_LL Matrix Spikes	**2**	377	15	**3.98**	28	1	**3.57**
Metals Duplicates	**10**	297	31	**10.44**	31	4	**12.90**
Metals Matrix Spikes	**2**	297	8	**2.69**	31	1	**3.23**
Metals Equipment Blanks	**5**	297	12	**4.04**	31	1	**3.23**
Metals Field Blanks	**5**	297	19	**6.40**	31	2	**6.45**

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%*	649	649	**100%**	47	47	**100%**
Low Level Nitrosamine Equipment Blanks and Field Blanks	*Should approach 100%*	372	372	**100%**	28	28	**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%*	99	99	**100%**	7	7	100%
Low Level Nitrosamine Trip Blank (per shipment)	*Should approach 100%*	86	86	**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.

Qualifier	Definition
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	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total Kjeldahl Nitrogen	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nitrate plus Nitrite as N by EPA Method 353.2	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nitrosamines by EPA Method 607	**138**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Perchlorate by SW-846 Method 6850	**11**	**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	**1803**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Low Level Volatile Organics by SW-846 Method 8260C	**1732**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Semi-Volatile Organics by SW-846 Method 8270D	**1712**	**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	**24**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total Metals by Various SW-846 Methods	**810**	**2**	**2**	**0**	**0**	**0**	**0**	**0**
Nitrosamines by Low-Level Method	**62**	**15**	**5**	**5**	**0**	**2**	**0**	**0**
Total Dissolved Solids by Standard Method 2540C	**8**	**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	**2**	0	0	0	0	0	0	0	0	0	0

Method	Total Result Records	*	A	AD	G	RB	T	D	i	J	K
Total Kjeldahl Nitrogen	**2**	0	0	0	0	0	0	0	0	0	0
Nitrate plus Nitrite as N by EPA Method 353.2	**7**	0	0	0	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**138**	0	0	0	0	**1**	0	0	0	**8**	0
Perchlorate by SW-846 Method 6850	**11**	0	0	0	0	0	0	0	0	**1**	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
Volatile Organics by SW-846 Method 8260C	**1803**	**2**	0	0	0	0	0	**7**	0	**26**	0
Low Level Volatile Organics by SW-846 Method 8260C	**1732**	0	0	0	0	0	0	0	0	**8**	0
Semi-Volatile Organics by SW-846 Method 8270D	**1712**	0	0	0	0	0	0	0	0	0	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**	**2**	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	**24**	0	0	0	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**810**	0	0	0	0	**5**	0	**1**	0	**157**	0
Nitrosamines by Low-Level Method	**62**	0	0	0	0	**3**0	0	0	0	**4**	0
Total Dissolved Solids by Standard Method 2540C	**8**	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-9-419	**2-Sep-25**	**For SW-846 Method 8260C, field duplicate samples 2509021435A and 2509021436A the relative percent difference for Trimethylsilyl fluoride was 43.5%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
BLM-9-419	**2-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509021437A) at 49.0 ug/L.**
BLM-9-419	**2-Sep-25**	**For SW-846 Method 8260D, PCE (0.23 ug/L) in sample 2509021435A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-9-419	**2-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (4.61 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2512496-03) for analytical batch 893112. Groundwater data are affected by this method blank contamination are flagged.**
BLM-9-419	**2-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (100 ug/L and 100 ug/L) and Trimethylsilyl fluoride (4.2 ug/L and 2.7 ug/L) are estimated values and tentatively identified by a GC/MS library search in samples 2509021435A and 2509021436A. Ethylene Oxide (1.7 ug/L) is also found in the duplicate sample.**
BLM-9-419	**2-Sep-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-9-419	2-Sep-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	SW-846 Method 8260 QA Narratives
BLM-9-419	**2-Sep-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 2509021437A.**
PL-4-464	**2-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2509020710A) at 48.0 ug/L.**
PL-4-464	**2-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509020951A) at 49.0 ug/L.**
PL-4-464	**2-Sep-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.
PL-4-464	2-Sep-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.
PL-4-464	**2-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide (48 ug/L, 100 ug/L, and 49 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank sample 2509020710A, sample 2509020950A, and field blank sample 2509020951A.**
WW-3-469	**2-Sep-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.
WW-3-469	2-Sep-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.
WW-3-469	**2-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (100 ug/L) and Trimethylsilyl fluoride (2.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509021350Y.**
WW-3-469	**2-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (52 ug/L), Silanol, trimethyl- (2.8 ug/L), and Silane, methoxytrimethyl- (1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2509021030Y.**
WW-3-469	**2-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2509021030Y) at 52.0 ug/L. Silane, methoxytrimethyl- was detected in the equipment blank (2509021030Y) at 1.3 ug/L. Silanol, trimethyl- was detected in the equipment blank (2509021030Y) at 2.8 ug/L.**
WW-3-569	**2-Sep-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.
WW-3-569	2-Sep-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.
WW-3-569	**2-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2509020835Y) at 52.0 ug/L.**
WW-3-569	**2-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (96 ug/L) and Trimethylsilyl fluoride (2.7 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509020945Y.**
WW-3-569	**2-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (52 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2509020835Y.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BW-4-330	**3-Sep-25**	**For SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509030935A.**
BW-4-330	**3-Sep-25**	**For SW-846 Method 8260C, multiple analyte results in sample 2509030935A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BW-4-330	3-Sep-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-4-330	**3-Sep-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-4-330	3-Sep-25	For SW-846 Method 8260C, there were no detections in the field blank.
PL-11-470	**3-Sep-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-11-470	3-Sep-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.
PL-11-470	**3-Sep-25**	**For Low Level SW-846 Method 8260C, Carbamic acid, monoammonium salt was detected in the field blank (2509031232B) at 53.0 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2509031232B) at 1.2 ug/L. Silanol, trimethyl- was detected in the field blank (2509031232B) at 2.3 ug/L.**
PL-11-470	**3-Sep-25**	**For Low Level SW-846 Method 8260C, Carbamic acid, monoammonium salt (53 ug/L), Silanol, trimethyl- (2.3 ug/L), and Silane, methoxytrimethyl- (1.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509031232B.**
PL-11-470	**3-Sep-25**	**For Low Level SW-846 Method 8260D, Toluene (0.34 ug/L), CFC 11 (0.33 ug/L), and TCE (0.21 ug/L) in sample 2509031231B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
PL-11-470	**3-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (100 ug/L), Cyclobutanol (3.1 ug/L), and Trimethylsilyl fluoride (1.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509031231B.**
PL-11-530	**3-Sep-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-11-530	3-Sep-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.
PL-11-530	**3-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509031257B) at 57.0 ug/L.**
PL-11-530	**3-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (57 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2509031257B.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
PL-11-530	**3-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (98 ug/L) and Trimethylsilyl fluoride (2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509031256B.**
PL-11-710	**4-Sep-25**	For Low Level SW-846 Method 8260C, 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	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509041152B) at 46.0 ug/L.**
PL-11-710	4-Sep-25	For Low Level SW-846 Method 8260C, 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-11-710	**4-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (36 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2512767-03) for analytical batch 893567. Groundwater data are affected by this method blank contamination are flagged.**
PL-11-710	**4-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511238 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
PL-11-710	**4-Sep-25**	**For Low Level SW-846 Method 8260, multiple analytes result win sample 2509041151B as estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-11-710	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (57 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2509041152B.**
PL-11-820	**4-Sep-25**	For Low Level SW-846 Method 8260C, 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	4-Sep-25	For Low Level SW-846 Method 8260C, 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-11-820	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509041222B) at 51.0 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2509041222B) at 1.8 ug/L. Silanol, trimethyl- was detected in the field blank (2509041222B) at 3.3 ug/L.**
PL-11-820	**4-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (36 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2512767-03) for analytical batch 893567. Groundwater data are affected by this method blank contamination are flagged.**
PL-11-820	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (89 ug/L), Trimethylsilyl fluoride (1.6 ug/L), and 1,4-Dioxane, 2,5-dimethyl- (0.63 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509041221B.**
PL-11-820	**4-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (51 ug/L), Silanol, trimethyl- (3.3 ug/L), and Silane, methoxytrimethyl- (1.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509041222B.**
PL-11-820	**4-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511238 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
PL-11-980	**4-Sep-25**	For Low Level SW-846 Method 8260C, the upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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-11-980	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (48 ug/L) and Acetic Acid (0.66 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509041252B.**
PL-11-980	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (80 ug/L) and 1,4-Dioxane, 2,5-dimethyl- (0.82 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509041251B.**
PL-11-980	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Toluene (0.22 ug/L) in sample 2509041251B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-11-980	4-Sep-25	For Low Level SW-846 Method 8260C, 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-11-980	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509041252B) at 48.0 ug/L. Acetic Acid was detected in the field blank (2509041252B) at 0.66 ug/L.**
PL-11-980	**4-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511238 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
PL-11-980	**4-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (36 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2512767-03) for analytical batch 893567. Groundwater data are affected by this method blank contamination are flagged.**
ST-4-481	**4-Sep-25**	For Low Level SW-846 Method 8260C, 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-4-481	**4-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509040945A.**
ST-4-481	**4-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2509040715A.**
ST-4-481	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (47 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2509040946A.**
ST-4-481	4-Sep-25	For Low Level SW-846 Method 8260C, 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-4-481	**4-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (36 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2512767-03) for analytical batch 893567. Groundwater data are affected by this method blank contamination are flagged.**
ST-4-481	**4-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511238 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
ST-4-481	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2509040715A) at 49.0 ug/L. Hexane was detected in the trip blank (2509040715A) at 0.6 ug/L. Acetic Acid was detected in the trip blank (2509040715A) at 7.5 ug/L. Cyclotrisiloxane, hexamethyl- was detected in the trip blank (2509040715A) at 0.97 ug/L.**
ST-4-481	**4-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509040946A) at 47.0 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
ST-4-589	**4-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509041415A.**
ST-4-589	4-Sep-25	For Low Level SW-846 Method 8260C, 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-4-589	**4-Sep-25**	For Low Level SW-846 Method 8260C, 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-4-589	**4-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511238 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
ST-4-589	4-Sep-25	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
ST-4-589	**4-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (36 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2512767-03) for analytical batch 893567. Groundwater data are affected by this method blank contamination are flagged.**
BLM-42-569	8-Sep-25	For Low Level SW-846 Method 8260C, 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-42-569	8-Sep-25	For Low Level SW-846 Method 8260C, 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	**8-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509081405C.**
BLM-42-569	**8-Sep-25**	For Low Level SW-846 Method 8260C, 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	**8-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (51 ug/L) and Sulfur Dioxide (2.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509081406C.**
BLM-42-569	**8-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513395-04) for analytical batch 893954. Groundwater data are affected by this method blank contamination are flagged.**
BLM-42-569	**8-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509081406C) at 51.0 ug/L. Sulfur Dioxide was detected in the field blank (2509081406C) at 2.2 ug/L.**
BLM-42-569	**8-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511375 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
BLM-42-709	8-Sep-25	For Low Level SW-846 Method 8260C, 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-42-709	8-Sep-25	For Low Level SW-846 Method 8260C, the lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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	**8-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (93 ug/L) and Trimethylsilyl fluoride (2.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509080945C.**
BLM-42-709	**8-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513395-04) for analytical batch 893954. Groundwater data are affected by this method blank contamination are flagged.**
BLM-42-709	**8-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (48 ug/L and 49 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank sample 2509080720C and field blank 2509080946C.**
BLM-42-709	**8-Sep-25**	For Low Level SW-846 Method 8260C, 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	**8-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509080946C) at 49.0 ug/L.**
BLM-42-709	**8-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2509080720C) at 48.0 ug/L.**
BLM-42-709	**8-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511375 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
ST-6-528	8-Sep-25	For Low Level SW-846 Method 8260C, 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-6-528	8-Sep-25	For Low Level SW-846 Method 8260C, 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-6-528	**8-Sep-25**	For Low Level SW-846 Method 8260C, 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-6-528	**8-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509081321B.**
ST-6-528	**8-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513395-04) for analytical batch 893954. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-528	**8-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511375 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
ST-6-528	**8-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509081322B) at 52.0 ug/L.**
B650-EFF-1	9-Sep-25	For Low Level SW-846 Method 8260C, 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	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (55 ug/L) and Sulfur Dioxide (1.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509091247.**

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B650-EFF-1	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (100 ug/L) and Methyl nitrite (1.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509091246.**
B650-EFF-1	**9-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513395-04) for analytical batch 893954. Groundwater data are affected by this method blank contamination are flagged.**
B650-EFF-1	**9-Sep-25**	**For SW-846 Method 8260D, CFC 21 (0.41 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2509091246.**
B650-EFF-1	**9-Sep-25**	For Low Level SW-846 Method 8260C, 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	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509091247) at 55.0 ug/L. Sulfur Dioxide was detected in the field blank (2509091247) at 1.4 ug/L.**
B650-EFF-1	9-Sep-25	For Low Level SW-846 Method 8260C, 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	**9-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511375 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
B650-INF-1	**9-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide (95 ug/L) and Sulfur Dioxide (1.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509091247.**
B650-INF-1	**9-Sep-25**	For SW-846 Method 8260C, EDD file for R2511376 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
B650-INF-1	**9-Sep-25**	**For SW-846 Method 8260D, PCE (0.52 ug/L) in sample 2509091301 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B650-INF-1	**9-Sep-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 field blank sample 2509091302.**
B650-INF-1	9-Sep-25	For SW-846 Method 8260C, 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-INF-1	**9-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513395-04) for analytical batch 893954. Groundwater data are affected by this method blank contamination are flagged.**
B650-INF-1	**9-Sep-25**	For SW-846 Method 8260C, 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-INF-1	9-Sep-25	For SW-846 Method 8260C, 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-INF-1	**9-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509091302) at 51.0 ug/L.**
ST-6-568	**9-Sep-25**	For Low Level SW-846 Method 8260C, 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).

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
ST-6-568	9-Sep-25	For Low Level SW-846 Method 8260C, 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-6-568	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (54 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2509091301B.**
ST-6-568	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (100 ug/L), Trimethylsilyl fluoride (2.7 ug/L), and Sulfur Dioxide (1.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509091300B.**
ST-6-568	**9-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (54 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513395-04) for analytical batch 893954. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-568	9-Sep-25	For Low Level SW-846 Method 8260C, 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-6-568	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509091301B) at 54.0 ug/L.**
ST-6-568	**9-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511375 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
ST-6-678	**9-Sep-25**	For Low Level SW-846 Method 8260C, 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-6-678	9-Sep-25	For Low Level SW-846 Method 8260C, 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-6-678	9-Sep-25	For Low Level SW-846 Method 8260C, 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-6-678	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Toluene (0.21 ug/L) in sample 2509091316B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-678	**9-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513395-04) for analytical batch 893954. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-678	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (47 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2509091317B.**
ST-6-678	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (88 ug/L), is an estimated value and tentatively identified by a GC/MS library search in sample 2509091316B.**
ST-6-678	**9-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509091317B) at 47.0 ug/L.**
ST-6-678	**9-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511375 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
B655-EFF-2	**10-Sep-25**	For Low Level SW-846 Method 8260C, 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	10-Sep-25	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
B655-EFF-2	10-Sep-25	For Low Level SW-846 Method 8260C, 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-EFF-2	**10-Sep-25**	For Low Level SW-846 Method 8260C, 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	10-Sep-25	For Low Level SW-846 Method 8260C, 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	10-Sep-25	For Low Level SW-846 Method 8260C, 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-EFF-2	**10-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511522 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
B655-INF-2	10-Sep-25	For SW-846 Method 8260C, there were no detections in the field blank.
B655-INF-2	**10-Sep-25**	**For SW-846 Method 8260C, sample 2509101255 required 5-fold dilution. The reporting limits are adjusted to reflect the dilution.**
B655-INF-2	**10-Sep-25**	**For SW-846 Method 8260C, PCE (4.2 ug/L), CFC 21 (1.3 ug/L), and CFC 123a (1.3 ug/L) in sample 2509101255 are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
B655-INF-2	**10-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide (53.1 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2513161-03) for analytical batch 894342. Groundwater data are affected by this method blank contamination are flagged.**
B655-INF-2	**10-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide (1800 ug/L), is an estimated value and tentatively identified by a GC/MS library search in sample 2509101255.**
B655-INF-2	10-Sep-25	For SW-846 Method 8260C, 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	**10-Sep-25**	For SW-846 Method 8260C, 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	10-Sep-25	For SW-846 Method 8260C, 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
B655-INF-2	**10-Sep-25**	For SW-846 Method 8260C, EDD file for R2511524 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
ST-6-824	**10-Sep-25**	For Low Level SW-846 Method 8260C, 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-6-824	10-Sep-25	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
ST-6-824	10-Sep-25	For Low Level SW-846 Method 8260C, 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-6-824	**10-Sep-25**	For Low Level SW-846 Method 8260C, 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-6-824	10-Sep-25	For Low Level SW-846 Method 8260C, 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-6-824	10-Sep-25	For Low Level SW-846 Method 8260C, 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-6-824	**10-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511522 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
ST-6-824	**10-Sep-25**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane (12 ug/L) and Toluene (0.32 ug/L) in sample 2509101305B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-970	10-Sep-25	For Low Level SW-846 Method 8260C, 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-6-970	**10-Sep-25**	For Low Level SW-846 Method 8260C, 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-6-970	10-Sep-25	For Low Level SW-846 Method 8260C, 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-6-970	**10-Sep-25**	For Low Level SW-846 Method 8260C, 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
ST-6-970	10-Sep-25	For Low Level SW-846 Method 8260C, 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-6-970	10-Sep-25	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
ST-6-970	**10-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511522 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.
PL-8-455	**11-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2509111345Y) at 54.0 ug/L. Sulfur Dioxide was detected in the equipment blank (2509111345Y) at 2.6 ug/L. Silane, methoxytrimethyl- was detected in the equipment blank (2509111345Y) at 1.6 ug/L. Silanol, trimethyl- was detected in the equipment blank (2509111345Y) at 2.2 ug/L.**
PL-8-455	**11-Sep-25**	**For Low Level SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2509111345Y.**
PL-8-455	**11-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (53.1 ug/L) and Sulfur Dioxide (9.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513161-03) for analytical batch 894342. Groundwater data are affected by this method blank contamination are flagged.**
PL-8-605	**11-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2509110710Y) at 51.0 ug/L. Sulfur Dioxide was detected in the trip blank (2509110710Y) at 1.8 ug/L.**
PL-8-605	**11-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2509110900Y) at 48.0 ug/L. Sulfur Dioxide was detected in the equipment blank (2509110900Y) at 2.5 ug/L. Silane, methoxytrimethyl- was detected in the equipment blank (2509110900Y) at 1.2 ug/L. Silanol, trimethyl- was detected in the equipment blank (2509110900Y) at 2.1 ug/L.**
PL-8-605	**11-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2509110900Y and sample 2509111010Y.**
PL-8-605	**11-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide (51 ug/L) and Sulfur Dioxide (1.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2509110710Y.**
PL-8-605	**11-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (53.1 ug/L) and Sulfur Dioxide (9.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513161-03) for analytical batch 894342. Groundwater data are affected by this method**
ST-4-690	11-Sep-25	For Low Level SW-846 Method 8260C, 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-4-690	**11-Sep-25**	For Low Level SW-846 Method 8260C, sample 2509110700C is incorrectly reported as sample "2509100700C" 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.
ST-4-690	11-Sep-25	For Low Level SW-846 Method 8260C, 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-4-690	**11-Sep-25**	For Low Level SW-846 Method 8260C, EDD file for R2511522 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
ST-4-690	**11-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509111012C) at 50.0 ug/L. Sulfur Dioxide was detected in the field blank (2509111012C) at 1.8 ug/L. Benzene, 1-bromo-3-fluoro- was detected in the field blank (2509111012C) at 43.0 ug/L.**
ST-4-690	11-Sep-25	For Low Level SW-846 Method 8260C, there were no detections in the trip blank.
ST-4-690	**11-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509111011C and field blank sample 2509111012C.**
ST-4-690	**11-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (53.1 ug/L) and Sulfur Dioxide (9.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513161-03) for analytical batch 894342. Groundwater data are affected by this method**
ST-4-690	**11-Sep-25**	For Low Level SW-846 Method 8260C, 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-Sep-25**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509120921C) at 50.0 ug/L. Sulfur Dioxide was detected in the field blank (2509120921C) at 11.0 ug/L.**
BLM-7-509	**12-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (53.1 ug/L) and Sulfur Dioxide (9.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513161-03) for analytical batch 894342. Groundwater data are affected by this method**
BLM-7-509	**12-Sep-25**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (50 ug/L) and Sulfur Dioxide (11 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509120921C.**
BLM-7-509	**12-Sep-25**	**For Low Level SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509120920C.**
200-SG-1	**15-Sep-25**	**For SW-846 Method 8260C, Ethylene Oxide was detected in the field blank (2509151048A) at 2.3 ug/L. Sulfur Dioxide was detected in the field blank (2509151048A) at 1.8 ug/L. Carbon Dioxide was detected in the field blank (2509151048A) at 55.0 ug/L.**
200-SG-1	**15-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method**
200-SG-1	**15-Sep-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (86 ug/L) in sample 2509151047A required a dilution.**
200-SG-1	**15-Sep-25**	**For SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509151047A and field blank 2509151048A.**
300-A-120	**15-Sep-25**	**For SW-846 Method 8260D, TCE (0.23 ug/L) in field blank samples 2509151423A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
300-A-120	**15-Sep-25**	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2509151422A and 2509151423A were within control limits or below the calculable range.
300-A-120	**15-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509151424A) at 51.0 ug/L. Ethylene Oxide was detected in the field blank (2509151424A) at 1.7 ug/L. Sulfur Dioxide was detected in the field blank (2509151424A) at 1.4 ug/L. Methane, trimethoxy- was detected in the field blank (2509151424A) at 1.9 ug/L.**
300-A-120	**15-Sep-25**	**For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in samples 2509151422A and 2509151423A and field blank sample 2509151424A.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
300-A-120	15-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method
WW-2-489	15-Sep-25	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509150922C) at 49.0 ug/L. Sulfur Dioxide was detected in the field blank (2509150922C) at 3.1 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2509150922C) at 1.3 ug/L. Silanol, trimethyl- was detected in the field blank (2509150922C) at 4.7 ug/L.
WW-2-489	15-Sep-25	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2509150720C) at 43.0 ug/L. Sulfur Dioxide was detected in the trip blank (2509150720C) at 19.0 ug/L.
WW-2-489	15-Sep-25	For Low Level SW-846 Method 8260D, Carbon Dioxide (43 ug/L), Sulfur Dioxide (19 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509150921C.
WW-2-489	15-Sep-25	For Low Level SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509150922C.
WW-2-489	15-Sep-25	For Low Level SW-846 Method 8260D, Carbon Dioxide (77 ug/L) and Sulfur Dioxide (22 ug/L), and Trimethylsilyl fluoride (3.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2509150720C.
WW-2-664	15-Sep-25	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509151327C) at 44.0 ug/L. Sulfur Dioxide was detected in the field blank (2509151327C) at 14.0 ug/L.
WW-2-664	15-Sep-25	For Low Level SW-846 Method 8260D, Carbon Dioxide (75 ug/L) and Sulfur Dioxide (3.4 ug/L), and Trimethylsilyl fluoride (3.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509151326C.
WW-2-664	15-Sep-25	For Low Level SW-846 Method 8260D, Carbon Dioxide (43 ug/L), Sulfur Dioxide (19 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509151327C.
200-JG-110	16-Sep-25	For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509161319A.
200-JG-110	16-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (50 ug/L), Sulfur Dioxide (3.3 ug/L), and Ethylamine (2.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in field sample 2509161320A.
200-JG-110	16-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (98 ug/L) and Sulfur Dioxide (2.7 ug/L), and Hydrazinecarboxamide (4.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509161318A.
200-JG-110	16-Sep-25	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2509161318A and 2509161319A were within control limits or below the calculable range.
200-JG-110	16-Sep-25	For SW-846 Method 8260D, CFC 123a (0.55 ug/L and 0.53 ug/L) in samples 2509161318A and 2509161319A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
200-JG-110	16-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509161320A) at 50.0 ug/L. Ethylamine was detected in the field blank (2509161320A) at 2.4 ug/L. Sulfur Dioxide was detected in the field blank (2509161320A) at 3.3 ug/L.
200-JG-110	16-Sep-25	For SW-846 Method 8260C, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method
BW-6-355	16-Sep-25	For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in field blank sample 2509160912A.
BW-6-355	16-Sep-25	For SW-846 Method 8260C, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method
BW-6-355	16-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509160914A) at 56.0 ug/L. Sulfur Dioxide was detected in the field blank (2509160914A) at 3.3 ug/L.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BW-6-355	16-Sep-25	For EPA method 8260, matrix spike duplicate recoveries for sample 2509160913A for Acrylonitrile (134%) and Propionitrile (133%) were outside method required limits (69-131% and 66-129%). No groundwater data are affected by this QC issue.
BW-6-355	16-Sep-25	For EPA method 8260, matrix spike and matrix spike duplicate recoveries for sample 2509160913A for Acrolein (419-410%) and trans-1,2-Dichloroethene (119%) were outside method required limits (13-165% and 73-118%). No groundwater data are affected by this QC issue.
BW-6-355	16-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (56 ug/L) and Sulfur Dioxide (3.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509160914A.
PL-2-504	16-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509161347C) at 48.0 ug/L. Sulfur Dioxide was detected in the field blank (2509161347C) at 1.9 ug/L. Silanol, trimethyl- was detected in the field blank (2509161347C) at 2.2 ug/L.
PL-2-504	16-Sep-25	For SW-846 Method 8260C, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method
PL-2-504	16-Sep-25	For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509161346C and field blank sample 2509161347C.
PL-2-504	16-Sep-25	For SW-846 Method 8260D, multiple analyte results are estimated values less than the quantitation limit, but greater than or equal to the detection limit in sample 2509161346C.
WW-1-452	16-Sep-25	For Low Level SW-846 Method 8260D, Cyclobutylamine (1.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2509160941C.
WW-1-452	16-Sep-25	For Low Level SW-846 Method 8260D, Carbon Dioxide (93 ug/L and 53 ug/L) and Sulfur Dioxide (11 ug/L and 11 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509160941C and field blank sample 2509160942C.
WW-1-452	16-Sep-25	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509160942C) at 53.0 ug/L. Sulfur Dioxide was detected in the field blank (2509160942C) at 11.0 ug/L.
200-KV-150	17-Sep-25	For SW-846 Method 8260C, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method
200-KV-150	17-Sep-25	For SW-846 Method 8260C, field duplicate samples 2509171444A and 2509171446A the relative percent difference for Sulfur Dioxide was 33.3%. This value is outside the upper acceptance limit for relative percent difference of 25%.
200-KV-150	17-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509171445A) at 48.0 ug/L. Sulfur Dioxide was detected in the field blank (2509171445A) at 1.9 ug/L. Silanol, trimethyl- was detected in the field blank (2509171445A) at 1.5 ug/L.
200-KV-150	17-Sep-25	For SW-846 Method 8260D, multiple analyte results are estimated values less than the quantitation limit, but greater than or equal to the detection limit in samples 2509171444A and 2509171446A, and field blank sample 2509171445A.
200-KV-150	17-Sep-25	For SW-846 Method 8260D, CFC 21 (0.68 ug/L) and CFC 123a (0.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509171444A and 2509171446A.
BLM-5-527	17-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509170937C) at 54.0 ug/L.
BLM-5-527	17-Sep-25	For SW-846 Method 8260C, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method
BLM-5-527	17-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2509170937C.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-5-527	17-Sep-25	For SW-846 Method 8260D, multiple analyte results are estimated values less than the quantitation limit, but greater than or equal to the detection limit in sample 2509170936C.
BW-1-268	17-Sep-25	For SW-846 Method 8260C, Carbon Dioxide (46 ug/L) and Sulfur Dioxide (5.1 ug/L) were tentatively identified by a GC/MS library search in the method blank (RQ2513334-04) for analytical batch 894669. Groundwater data are affected by this method
BW-1-268	17-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509171352C) at 54.0 ug/L. Sulfur Dioxide was detected in the field blank (2509171352C) at 1.3 ug/L.
BW-1-268	17-Sep-25	For SW-846 Method 8260D, TCE (0.52 ug/L) in field blank samples 2509171351C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
BW-1-268	17-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (100 ug/L and 54 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 2509171351C and field blank 2509171352C.
300-D-153	18-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2509180730C) at 50.0 ug/L. Sulfur Dioxide was detected in the trip blank (2509180730C) at 2.2 ug/L.
300-D-153	18-Sep-25	For SW-846 Method 8260C, 1,1,2-Trichloro-1,2,2-Trifluoroethane was detected in the field blank (2509181101C) at 1.8 ug/L. Trichlorofluoromethane (CFC 11) was detected in the field blank (2509181101C) at 3.6 ug/L. Carbon Dioxide was detected in the field blank (2509181101C) at 110.0 ug/L. Trimethylsilyl fluoride was detected in the field blank (2509181101C) at 1.6 ug/L.
300-D-153	18-Sep-25	For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.
300-D-153	18-Sep-25	For SW-846 Method 8260C, VOA sample 2509181100C and VOA field blank sample 2509181101C labels were switched due to a technician error. The sample ID's in the database have been corrected as follows: VOA sample 2509181101C and VOA field blank sample 2509181100C. Historical results for CFC 11 were reviewed for confirmation. No further action taken.
300-D-153	18-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (50 ug/L and 47 ug/L) and Sulfur Dioxide (2.2 ug/L and 1.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2509180730C and field blank 2509181100C.
300-D-153	18-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (110 ug/L) and Trimethylsilyl fluoride (1.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509181101C.
700-H-535	23-Sep-25	For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.
700-H-535	23-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (54 ug/L) and Silane, methoxytrimethyl- (1.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in equipment blank sample 2509231335Y.
700-H-535	23-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (72 ug/L), Sulfur Dioxide (0.55 ug/L) and Silane, methoxytrimethyl- (1.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509240950Y.
700-H-535	23-Sep-25	For SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2509231335Y) at 54.0 ug/L. Silane, methoxytrimethyl- was detected in the equipment blank (2509231335Y) at 1.1 ug/L.
700-H-670	23-Sep-25	For SW-846 Method 8260B, Styrene (0.61 ug/L) in sample 2509231057Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
700-H-670	23-Sep-25	For SW-846 Method 8260D, Carbon Dioxide (72 ug/L)is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2509230925Y.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
700-H-670	**23-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.**
700-H-670	**23-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2509230925Y) at 50.0 ug/L.**
700-H-670	**23-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (85 ug/L) and Sulfur Dioxide (1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509231025Y.**
NASA 10	**23-Sep-25**	**For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509230903A.**
NASA 10	**23-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.**
NASA 10	**23-Sep-25**	**For SW-846 Method 8260C, field duplicate samples 2509230901A and 2509230903A the relative percent difference for Trimethylsilyl fluoride was 51.4%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
NASA 10	**23-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509230902A) at 58.0 ug/L.**
NASA 10	**23-Sep-25**	**For SW-846 Method 8260C, field duplicate samples 2509230901A and 2509230903A the relative percent difference for Silane, methoxytrimethyl- was 37.5%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
NASA 10	**23-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (98 ug/L), Trimethylsilyl fluoride (5.2 ug/L) and Silane, methoxytrimethyl- (1.3 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509230901A.**
NASA 10	**23-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (58 ug/L)is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2509230902A.**
NASA 5	**23-Sep-25**	**For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509231420A and field blank sample 2509231421A.**
NASA 5	**23-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.**
NASA 5	**23-Sep-25**	For SW-846 Method 8260C in blind control sample (2509231450A), all recoveries were within standard limits.
NASA 5	**23-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509231421A) at 53.0 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2509231421A) at 3.0 ug/L. Silanol, trimethyl- was detected in the field blank (2509231421A) at 4.0 ug/L.**
700-D-186	**24-Sep-25**	**For SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509240900A.**
700-D-186	**24-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (55 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2509240901A.**
700-D-186	**24-Sep-25**	**For SW-846 Method 8260D, CFC 11 (0.53 ug/L) and TCE (0.52 ug/L) in sample 2509240900A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-D-186	**24-Sep-25**	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2509240904A and 2509240906A were within control limits or below the calculable range.
700-D-186	**24-Sep-25**	**For SW-846 Method 8260B, Trichlorofluoromethane (0.44 ug/L and 0.44 ug/L) and TCE (0.32 ug/L and 0.33 ug/L) in samples 2509240904A and 2509240906A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-D-186	24-Sep-25	For SW-846 Method 8260C, there were no detections in the trip blank.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
700-D-186	**24-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.**
700-D-186	**24-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509240901A) at 55.0 ug/L.**
700-H-350	**24-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (52 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2509241340Y and sample 2509241435Y.**
700-H-350	**24-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2509241340Y) at 52.0 ug/L.**
700-H-350	**24-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.**
700-H-350	24-Sep-25	For SW-846 Method 8260C, there were no detections in the trip blank.
700-H-350	**24-Sep-25**	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2509250833Y and 2509250834Y were within control limits or below the calculable range.
700-J-200	**24-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (100 ug/L) and Trimethylsilyl fluoride (2.6 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509241425A.**
700-J-200	**24-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (49 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2509241426A.**
700-J-200	**24-Sep-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (0.27 ug/L) in sample 2509241425A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
700-J-200	**24-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509241426A) at 49.0 ug/L.**
700-J-200	**24-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.**
700-J-200	24-Sep-25	For SW-846 Method 8260C, there were no detections in the trip blank.
700-A-253	**25-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (99 ug/L) and Ethylene Oxide (2.8 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2509250926A.**
700-A-253	**25-Sep-25**	**For SW-846 Method 8260D, Carbon Dioxide (43 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2509250927A.**
700-A-253	25-Sep-25	For SW-846 Method 8260C, there were no detections in the trip blank.
700-A-253	**25-Sep-25**	**For SW-846 Method 8260D, 1,1,2-Trichloro-1,2,2-Trifluoroethane (0.28 ug/L) in sample 2509250926A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
700-A-253	25-Sep-25	For SW-846 Method 8260C, there were no detections in the field blank.
700-A-253	**25-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2509250927A) at 43.0 ug/L.**
700-A-253	**25-Sep-25**	**For SW-846 Method 8260C, Carbon Dioxide and Sulfur Dioxide were tentatively identified by a GC/MS library search in the method blanks (RQ2513597-04 and RQ2513680-03) for analytical batches 895202 and 895408. Groundwater data are affected by this method.**

Well ID	Event Date	Modified EPA Method 607 QA Narratives
200-H-225	**5-Sep-25**	**For Modified EPA Method 607, Bromacil (0.007 ug/L) in sample 2508050947Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
200-H-225	5-Sep-25	For Modified EPA Method 607, there were no detections in the equipment blank.
BLM-23-431	**7-Sep-25**	**For Modified EPA Method 607 in blind control sample (2508071031A), the percent recovery for Bromacil (38.0%) was outside of the standard limits (50.0-190.0%).**
BLM-32-571	12-Sep-25	For Modified EPA Method 607, matrix spike recoveries for sample 2508121323B were within laboratory control limits.
400-GV-125	18-Sep-25	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2508181410A and 2508181415A were within control limits or below the calculable range.
MPE-11	**19-Sep-25**	**For Modified EPA Method 607, Bromacil (0.007 ug/L) in sample 2508190938 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
MPE-9	19-Sep-25	For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2508190843 and 2508190844 were within control limits or below the calculable range.

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
BLM-9-419	**2-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J09JZ1) contained NDMA (0.83 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
BLM-9-419	**2-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509021439A) at 0.61 ng/L.**
PL-4-464	**2-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J09JZ1) contained NDMA (0.83 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
PL-4-464	**2-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2509020711A) at 0.71 ng/L.**
PL-4-464	**2-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509020954A) at 0.47 ng/L.**
PL-4-464	**2-Sep-25**	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2509020952A and 2509020953A were within control limits or below the calculable range.
WW-3-469	**2-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J09JZ1) contained NDMA (0.83 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
WW-3-469	**2-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2509021031Y) at 0.54 ng/L.**
WW-3-469	**2-Sep-25**	**For Low Level Nitrosamine Method, field duplicate samples 2509021351Y and 2509021352Y the relative percent difference for N-Nitrosodimethylamine was 27.6%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
WW-3-569	**2-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J09JZ1) contained NDMA (0.83 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
WW-3-569	**2-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2509020836Y) at 2.06 ng/L.**
PL-11-470	**3-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J09JZ1) contained NDMA (0.83 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
PL-11-470	**3-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509031235B) at 0.43 ng/L.**
PL-11-470	**3-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.43 ng/L) in field blank sample 2509031235B 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-11-530	**3-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J09JZ1) contained NDMA (0.83 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
PL-11-530	**3-Sep-25**	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2509031259B and 2509031325B were within control limits or below the calculable range.
PL-11-530	**3-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509031326B) at 0.5 ng/L.**
PL-11-710	**4-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J11JZ1) contained NDMA (0.99 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
PL-11-710	**4-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.45 ng/L) in sample 2509041155B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
PL-11-710	**4-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509041155B) at 0.45 ng/L.**
PL-11-820	**4-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J11JZ1) contained NDMA (0.99 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
PL-11-820	4-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-980	4-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-11-980	**4-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J11JZ1) contained NDMA (0.99 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
ST-4-481	**4-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.4 ng/L and 0.4 ng/L) in trip blank sample 2509040716A and field blank sample 2509040948A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-4-481	**4-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J11JZ1) contained NDMA (0.99 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
ST-4-481	**4-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2509040716A) at 0.4 ng/L.**
ST-4-481	**4-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509040948A) at 0.4 ng/L.**
ST-4-589	4-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-42-569	**8-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J15JZ1) contained NDMA (0.69 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
BLM-42-569	**8-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.44 ng/L) in sample 2509081414C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-42-569	8-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-42-709	**8-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J15JZ1) contained NDMA (0.69 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
BLM-42-709	**8-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.36 ng/L and 0.39 ng/L) in trip blank sample 2509080721C and sample 2509080949C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-42-709	8-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-42-709	**8-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2509080721C) at 0.36 ng/L.**
ST-6-528	**8-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509081325B) at 0.36 ng/L.**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
ST-6-528	**8-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J15JZ1) contained NDMA (0.69 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
ST-6-528	**8-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.44 ng/L) in field blank sample 2509081325B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B650-EFF-1	**9-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J15JZ1) contained NDMA (0.69 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
B650-EFF-1	**9-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.43 ng/L) in field blank sample 2509091250 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B650-EFF-1	**9-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509091250) at 0.43 ng/L.**
ST-6-568	9-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-568	**9-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J15JZ1) contained NDMA (0.69 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
ST-6-678	**9-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509091320B) at 0.35 ng/L.**
ST-6-678	**9-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J15JZ1) contained NDMA (0.69 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**
ST-6-678	**9-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.35 ng/L) in field blank sample 2509091320B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**10-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509101249) at 0.38 ng/L.**
B655-EFF-2	**10-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.44 ng/L) in sample 2509101248 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**10-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J17JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
B655-EFF-2	**10-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.38 ng/L) in field blank sample 2509101249 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-824	10-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-6-824	**10-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J17JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
ST-6-970	**10-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509101320B) at 0.37 ng/L.**
ST-6-970	**10-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.37 ng/L) in field blank sample 2509101320B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-6-970	**10-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J17JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
PL-8-455	**11-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2509111346Y) at 1.03 ng/L.**
PL-8-455	**11-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J22JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Most sample detections were within 2x of the blank concentration.Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
PL-8-455	**11-Sep-25**	For Low Level Nitrosamine Method, method blank (PB25J22JZ1) contained NDMA (0.62 ng/L) sightly above the PQL; DMN was not detected above the MDL. Most sample detections were within 2x of the blank concentration.Samples with detections for NDMA above the M
PL-8-455	**11-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J17JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
PL-8-605	11-Sep-25	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PL-8-605	**11-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2509110901Y) at 2.29 ng/L.**
PL-8-605	**11-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J17JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
ST-4-690	**11-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509111014C) at 0.41 ng/L.**
ST-4-690	11-Sep-25	For Low Level Nitrosamine Method, there were no detections in the trip blank.
ST-4-690	**11-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine (0.41 ng/L) in field blank sample 2509111014C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-4-690	**11-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J17JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
BLM-7-509	12-Sep-25	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-7-509	**12-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J17JZ1) contained NDMA (0.67 ng/L) sightly above the PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
WW-2-489	**15-Sep-25**	For Low Level Nitrosamine Method, method blank (PB25J22JZ1) contained NDMA (0.62 ng/L) sightly above the PQL; DMN was not detected above the MDL. Most sample detections were within 2x of the blank concentration.Samples with detections for NDMA above the M
WW-2-489	**15-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509150926C) at 0.49 ng/L.**
WW-2-489	**15-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the trip blank (2509150721C) at 0.36 ng/L.**
WW-2-489	**15-Sep-25**	For Low Level Nitrosamine Method, matrix spike recoveries for sample 2509150924C were within laboratory control limits.
WW-2-664	**15-Sep-25**	For Low Level Nitrosamine Method, method blank (PB25J22JZ1) contained NDMA (0.62 ng/L) sightly above the PQL; DMN was not detected above the MDL. Most sample detections were within 2x of the blank concentration.Samples with detections for NDMA above the M
WW-2-664	**15-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509151329C) at 0.74 ng/L.**
PL-2-504	**16-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509161350C) at 0.4 ng/L.**
PL-2-504	**16-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J22JZ1) contained NDMA (0.62 ng/L) sightly above the PQL; DMN was not detected above the MDL. Most sample detections were within 2x of the blank concentration. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
PL-2-504	**16-Sep-25**	**For Low Level Nitrosamine Method, NDMA (0.4 ng/L) in field blank sample 2509161350C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-1-452	**16-Sep-25**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2509160944C) at 0.36 ng/L.**
WW-1-452	**16-Sep-25**	For Low Level Nitrosamine Method in blind control sample (2509161100C), all recoveries were within standard limits.
WW-1-452	**16-Sep-25**	**For Low Level Nitrosamine Method, NDMA (0.42 ng/L and 0.36 ng/L) in sample 2509160943C and field blank sample 2509160944Ci s 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
WW-1-452	**16-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J22JZ1) contained NDMA (0.62 ng/L) sightly above the PQL; DMN was not detected above the MDL. Most sample detections were within 2x of the blank concentration. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag.**
BLM-9-419	**2-Sep-25**	**For Low Level Nitrosamine Method, method blank (PB25J09JZ1) contained NDMA (0.83 ng/L) at < 2x PQL; DMN was not detected above the MDL. Samples with detections for NDMA above the MDL have been flagged with a "RB" flag..**

Well ID	Event Date	SW-846 Method 8270D QA Narratives
BW-4-330	**3-Sep-25**	For SW-846 Method 8270E, 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-4-330	3-Sep-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.
BW-4-330	3-Sep-25	For SW-846 Method 8270E, 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-4-330	**3-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blanks (RQ2512157-01 and RQ2512730-01) for analytical batches 463796 and 464321. Groundwater data are affected by this method blank contamination are flagged.**
BW-4-330	**3-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509030938A.**
BW-4-330	**3-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509030938A.**
BW-4-330	**3-Sep-25**	**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.**
PL-11-470	3-Sep-25	For SW-846 Method 8270E, 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-11-470	**3-Sep-25**	**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.**
PL-11-470	**3-Sep-25**	For SW-846 Method 8270E, 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-11-470	3-Sep-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

Well ID	Event Date	SW-846 Method 8270D QA Narratives
		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	**3-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blanks (RQ2512157-01 and RQ2512730-01) for analytical batches 463796 and 464321. Groundwater data are affected by this method blank contamination are flagged.**
PL-11-470	**3-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509031310B.**
PL-11-530	**3-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509031327B.**
PL-11-530	**3-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blanks (RQ2512157-01 and RQ2512730-01) for analytical batches 463796 and 464321. Groundwater data are affected by this method blank contamination are flagged.**
PL-11-530	**3-Sep-25**	**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.**
PL-11-530	3-Sep-25	For SW-846 Method 8270E, 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-11-530	**3-Sep-25**	**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.**
PL-11-530	3-Sep-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.
PL-11-710	**4-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509041311B.**
PL-11-710	**4-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512361-01) for analytical batch 463955. Groundwater data are affected by this method blank contamination are flagged.**
PL-11-820	**4-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512361-01) for analytical batch 463955. Groundwater data are affected by this method blank contamination are flagged.**
PL-11-820	**4-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509041320B.**
PL-11-980	**4-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509041335B.**
PL-11-980	**4-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512361-01) for analytical batch 463955. Groundwater data are affected by this method blank contamination are flagged.**
PL-11-980	**4-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509041335B.**
ST-6-528	**8-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512543-01) for analytical batch 464129. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-528	**8-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509081305B.**

Well ID	Event Date	SW-846 Method 8270D QA Narratives
ST-6-528	**8-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512543-01) for analytical batch 464129. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-568	**9-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512543-01) for analytical batch 464129. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-568	**9-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512543-01) for analytical batch 464129. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-568	**9-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509081326B.**
ST-6-568	**9-Sep-25**	**For SW-846 Method 8270E, sample 2509081305B required 5-fold dilution due to the presence of matrix that interfered with internal standard recovery. The reporting limits are adjusted to reflect the dilution.**
ST-6-678	**9-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512543-01) for analytical batch 464129. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-678	**9-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509081321B.**
ST-6-824	10-Sep-25	For SW-846 Method 8270E, 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-6-824	**10-Sep-25**	For SW-846 Method 8270E, 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-6-824	10-Sep-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.
ST-6-824	**10-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509101310B.**
ST-6-824	**10-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512730-01) for analytical batch 464321. Groundwater data are affected by this method blank contamination are flagged.**
ST-6-970	10-Sep-25	For SW-846 Method 8270E, 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-6-970	10-Sep-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.
ST-6-970	**10-Sep-25**	For SW-846 Method 8270E, 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-6-970	**10-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512730-01) for analytical batch 464321. Groundwater data are affected by this method blank contamination are flagged.**

Well ID	Event Date	SW-846 Method 8270D QA Narratives
ST-6-970	**10-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509101321B.**
200-SG-1	**15-Sep-25**	For SW-846 Method 8270E, 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-SG-1	**15-Sep-25**	**For SW-846 Method 8270E, the control limits were exceeded for one or more surrogates in one or more QC samples associated with samples in this report. The associated recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outlier is flagged accordingly. No further corrective action was appropriate.**
200-SG-1	**15-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509151052A.**
200-SG-1	**15-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512883-01) for analytical batch 464484. Groundwater data are affected by this method blank contamination are flagged.**
200-SG-1	15-Sep-25	For SW-846 Method 8270E, 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.
300-A-120	**15-Sep-25**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2509151426A.**
300-A-120	**15-Sep-25**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2512883-01) for analytical batch 464484. Groundwater data are affected by this method blank contamination are flagged.**
300-A-120	**15-Sep-25**	**For SW-846 Method 8270E, the control limits were exceeded for one or more surrogates in one or more QC samples associated with samples in this report. The associated recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outlier is flagged accordingly. No further corrective action was appropriate.**
300-A-120	15-Sep-25	For SW-846 Method 8270E, 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.
300-A-120	**15-Sep-25**	For SW-846 Method 8270E, 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-D-186	**24-Sep-25**	**For SW-846 Method 8270E, surrogate recoveries for 2-Fluorobiphenyl (132%) in sample 2509240918A exceeded the control limit (20-130%). The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The surrogate outlier has been qualified accordingly. The data quality was not significantly affected, no further corrective action was taken.**
700-H-350	**24-Sep-25**	**For SW-846 Method 8270E, The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 885-36153 recovered outside control limits for the following analytes: pentachlorophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported and qaulified accordingly.**
700-A-253	**25-Sep-25**	**For SW-846 Method 8270E, Bis(2-ethylhexyl) phthalate was detected in the field blank (2509250917A) at 1.4 ug/L.**

Well ID	Event Date	SW-846 Method 8270D QA Narratives
700-A-253	25-Sep-25	For SW-846 Method 8270E, relative percent differences (RPD) for duplicate samples 2509250833Y and 2509250834Y were within control limits or below the calculable range.
700-A-253	25-Sep-25	**For SW-846 Method 8270E, The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 885-36153 recovered outside control limits for the following analytes: pentachlorophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported and qaulified accordingly.**

Well ID	Event Date	Total Metals QA Narratives
200-SG-1	15-Sep-25	**For Total Metals, multiple analyte results in sample 2509151058A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
300-A-120	15-Sep-25	**For Total Metals, Boron (0.12 mg/L), Molybdenum (0.014 mg/L), and Vanadium (0.002 mg/L) in sample 2509151429A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-JG-110	16-Sep-25	**For Total Metals, multiple analyte results in sample 2509161323A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BW-6-355	16-Sep-25	**For Total Metals, multiple analyte results in sample 2509160917A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-KV-150	17-Sep-25	**For Total Metals, Iron, Total was detected in the field blank (2509171450A) at 0.14 mg/L. Zinc, Total was detected in the field blank (2509171450A) at 0.004 mg/L.**
200-KV-150	17-Sep-25	For Total Metals, sample 2509171450A is incorrectly reported as "250917150A" 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.
200-KV-150	17-Sep-25	**For Total Metals, multiple analyte results in sample 2509171449A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-5-527	17-Sep-25	**For Total Metals, multiple analyte results in sample 2509170939C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BW-1-268	17-Sep-25	For Total Metals, relative percent differences (RPD) for duplicate samples 2509171354C and 2509171355C were within control limits or below the calculable range.
BW-1-268	17-Sep-25	**For Total Metals, multiple analyte results in samples 2509171354C and 2509171355C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
300-D-153	18-Sep-25	**For Total Metals, multiple analyte results in samples 2509181104C and 2509181105C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
300-D-153	18-Sep-25	For Total Metals, relative percent differences (RPD) for duplicate samples 2509181104C and 2509181105C were within control limits or below the calculable range.
700-H-535	23-Sep-25	**For Total Metals, multiple analyte results in equipment blank sample 2509231336Y and sample 2509240952Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-H-535	23-Sep-25	**For Total Metals, Magnesium, Total was detected in the equipment blank (2509231336Y) at 0.1 mg/L. Sodium, Total was detected in the equipment blank (2509231336Y) at 0.6 mg/L. Strontium, Total was detected in the equipment blank (2509231336Y) at 0.03 mg/L. Vanadium, Total was detected in the equipment blank (2509231336Y) at 0.001 mg/L. Zinc, Total was detected in the equipment blank (2509231336Y) at 0.006 mg/L. Aluminum, Total was detected in the equipment blank (2509231336Y) at 0.05 mg/L. Calcium, Total was detected in the equipment blank (2509231336Y) at 0.7 mg/L.**
700-H-670	23-Sep-25	**For Total Metals, multiple analyte results in equipment blank sample 2509231336Y and samples 2509231027Y and 2509231055Y 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
NASA 10	**23-Sep-25**	**For Total Metals, multiple analyte results in sample 2509230905A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
NASA 5	**23-Sep-25**	**For Total Metals, multiple analyte results in sample 2509231452A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-D-186	**24-Sep-25**	**For Total Metals, analytes Molybdenum (0.0064 mg/L), Silver (0.0043 mg/L), and Vanadium (0.0032 mg/L) are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-H-350	**24-Sep-25**	**For Total Metals, multiple analyte results in sample 2509251320Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-J-200	**24-Sep-25**	**For Total Metals, analytes Silver (0.0044 mg/L), and Thallium (0.000063 mg/L) are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-J-200	**24-Sep-25**	For Total Metals, relative percent differences (RPD) for duplicate samples 2509241438A and 2509241439A were within control limits or below the calculable range.
700-A-253	**25-Sep-25**	**For Total Metals, analytes Silver (0.0038 mg/L), Arsenic (0.00048 mg/L), and Lead (0.00037 mg/L) are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-A-253	25-Sep-25	For Total Metals, there were no detections in the field blank.
200-SG-1	**15-Sep-25**	**For Total Metals, multiple analyte results in sample 2509151058A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
300-A-120	**15-Sep-25**	**For Total Metals, Boron (0.12 mg/L), Molybdenum (0.014 mg/L), and Vanadium (0.002 mg/L) in sample 2509151429A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-JG-110	**16-Sep-25**	**For Total Metals, multiple analyte results in sample 2509161323A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BW-6-355	**16-Sep-25**	**For Total Metals, multiple analyte results in sample 2509160917A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-KV-150	**17-Sep-25**	**For Total Metals, Iron, Total was detected in the field blank (2509171450A) at 0.14 mg/L. Zinc, Total was detected in the field blank (2509171450A) at 0.004 mg/L.**
200-KV-150	**17-Sep-25**	For Total Metals, sample 2509171450A is incorrectly reported as "250917150A" 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.
200-KV-150	**17-Sep-25**	**For Total Metals, multiple analyte results in sample 2509171449A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-5-527	**17-Sep-25**	**For Total Metals, multiple analyte results in sample 2509170939C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BW-1-268	**17-Sep-25**	For Total Metals, relative percent differences (RPD) for duplicate samples 2509171354C and 2509171355C were within control limits or below the calculable range.
BW-1-268	**17-Sep-25**	**For Total Metals, multiple analyte results in samples 2509171354C and 2509171355C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
300-D-153	**18-Sep-25**	**For Total Metals, multiple analyte results in samples 2509181104C and 2509181105C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
300-D-153	**18-Sep-25**	For Total Metals, relative percent differences (RPD) for duplicate samples 2509181104C and 2509181105C were within control limits or below the calculable range.
700-H-535	**23-Sep-25**	**For Total Metals, multiple analyte results in equipment blank sample 2509231336Y and sample 2509240952Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-H-535	**23-Sep-25**	**For Total Metals, Magnesium, Total was detected in the equipment blank (2509231336Y) at 0.1 mg/L. Sodium, Total was detected in the equipment blank (2509231336Y) at 0.6 mg/L. Strontium, Total was detected in the equipment blank (2509231336Y) at 0.03 mg/L. Vanadium, Total was detected in the equipment blank (2509231336Y) at 0.001 mg/L. Zinc, Total was detected in the equipment blank**

Well ID	Event Date	Total Metals QA Narratives
		(2509231336Y) at 0.006 mg/L. Aluminum, Total was detected in the equipment blank (2509231336Y) at 0.05 mg/L. Calcium, Total was detected in the equipment blank (2509231336Y) at 0.7 mg/L.
700-H-670	**23-Sep-25**	**For Total Metals, multiple analyte results in equipment blank sample 2509231336Y and samples 2509231027Y and 2509231055Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
NASA 10	**23-Sep-25**	**For Total Metals, multiple analyte results in sample 2509230905A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
NASA 5	**23-Sep-25**	**For Total Metals, multiple analyte results in sample 2509231452A are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-D-186	**24-Sep-25**	**For Total Metals, analytes Molybdenum (0.0064 mg/L), Silver (0.0043 mg/L), and Vanadium (0.0032 mg/L) are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-H-350	**24-Sep-25**	**For Total Metals, multiple analyte results in sample 2509251320Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-J-200	**24-Sep-25**	**For Total Metals, analytes Silver (0.0044 mg/L), and Thallium (0.000063 mg/L) are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-J-200	**24-Sep-25**	For Total Metals, relative percent differences (RPD) for duplicate samples 2509241438A and 2509241439A were within control limits or below the calculable range.
700-A-253	**25-Sep-25**	**For Total Metals, analytes Silver (0.0038 mg/L), Arsenic (0.00048 mg/L), and Lead (0.00037 mg/L) are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
700-A-253	25-Sep-25	For Total Metals, there were no detections in the field blank.
200-SG-1	**15-Sep-25**	**For Total Metals, multiple analyte results in sample 2509151058A 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-42-569	**8-Sep-25**	For Total Metals and Inorganics, samples 2509081409C, 2509081410C, 2509081411C, and 2509081413C are incorrectly reported as well "BLM-42-509" in the analytical report and the associated EDD file due to a laboratory error. The well ID was corrected to BLM-42-569 in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.
ST-6-528	**8-Sep-25**	**We didn't get out to the well til 0940 due to waiting for a dewen getting filled and it took longer than expected.**
ST-6-568	**9-Sep-25**	For multiple analyses, samples 2509091305B, 2509091306B, and 2509091307B are incorrectly reported as samples "2509081305B", "2509081306B" and "2509081307B" 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.
ST-6-678	**9-Sep-25**	For multiple analyses, samples 2509091321B, 2509091322B, and 2509091323B are incorrectly reported as samples "2509081321B", "2509081322B" and "2509081323B" 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.
200-SG-1	**15-Sep-25**	**For SW-846 Method 6850, Perchlorate (0.13 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2509151105A.**
200-SG-1	**15-Sep-25**	For SW-846 Method 8081B, 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	Miscellaneous QA Narratives
200-SG-1	**15-Sep-25**	**For SW-846 Method 8290, the blank and LCS exhibited matrix interferences that caused oscillating unstable lock masses, especially in Functions 3, 4, and 5. This caused area counts for peaks in the valleys of the lock mass traces to be suppressed and those that coincided with the apex of the lock mass to be enhanced. As a result of this, recoveries for internal standards 13C-1,2,3,4,6,7,8-HpCDD and 13C-OCDD were above the acceptance range, LCS spike recoveries for the native HxCDF compounds were slightly below laboratory control chart limits, and LCS spike recovery for 1,2,3,4,7,8,9-HpCDF was slightly above the laboratory control chart limits. Both QC samples were taken through silica and alumina cleanup a second time in an attempt to remove the interference and reanalyzed. The results were the same. Only the second analysis is reported. The client samples did not exhibit this interference and have stable lock mass traces. The laboratory believes that the sample data is unaffected.**
200-SG-1	**15-Sep-25**	**For SW-846 Method 9034, pH was**
300-A-120	**15-Sep-25**	For SW-846 Method 8081B, 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-A-120	**15-Sep-25**	**For SW-846 Method 8290, the blank and LCS exhibited matrix interferences that caused oscillating unstable lock masses, especially in Functions 3, 4, and 5. This caused area counts for peaks in the valleys of the lock mass traces to be suppressed and those that coincided with the apex of the lock mass to be enhanced. As a result of this, recoveries for internal standards 13C-1,2,3,4,6,7,8-HpCDD and 13C-OCDD were above the acceptance range, LCS spike recoveries for the native HxCDF compounds were slightly below laboratory control chart limits, and LCS spike recovery for 1,2,3,4,7,8,9-HpCDF was slightly above the laboratory control chart limits. Both QC samples were taken through silica and alumina cleanup a second time in an attempt to remove the interference and reanalyzed. The results were the same. Only the second analysis is reported. The client samples did not exhibit this interference and have stable lock mass traces. The laboratory believes that the sample data is unaffected.**
300-A-120	**15-Sep-25**	**For SW-846 Method 9034, pH was**
WW-2-489	**15-Sep-25**	**Packer pressure at zero PSI. The packer at this well is damaged and will hold no pressure.**
WW-2-664	**15-Sep-25**	**Initial packer pressure @ zero PSI. The packer inside this well is damaged and will not hold pressure.**
200-JG-110	**16-Sep-25**	**PPE in sue is safety glasses and chemsoft nitrile gloves**
BW-6-355	**16-Sep-25**	**PPE in use is safety glasses and chemsoft nitrile gloves.**
PL-2-504	**16-Sep-25**	**PPE required/used at this well: gloves and safety sunglasses**
WW-1-452	**16-Sep-25**	**PPE required/used at this well: gloves and safety sunglasses**
200-KV-150	**17-Sep-25**	**PPE in use is safety glasses and chemsoft nitrile gloves.**
BLM-5-527	**17-Sep-25**	**PPE required/used at this well: gloves and safety sunglasses**
BW-1-268	**17-Sep-25**	**PPE required/used at this well: gloves and safety sunglasses**
300-D-153	**18-Sep-25**	**PPE used/required at this well: gloves and safety sunglasses**
700-H-535	**23-Sep-25**	**PPE required: gloves and safety sunglasses.**
700-H-670	**23-Sep-25**	**PPE used/req - gloves and safety sunglasses**
NASA 10	**23-Sep-25**	**Technician didn't use the correct bottle size for chlorides.**
700-D-186	**24-Sep-25**	**For Anions, sample 2509240915A for Orthophosphate as P were analyzed outside the recommended holding time. Affected data are appropriately qualified.**
700-D-186	**24-Sep-25**	For all analyses, the event date was incorrectly entered as "9/24/2024" in the database. The database record was corrected to "9/24/2025" to match the logbook. No further action required.
700-D-186	**24-Sep-25**	**For pH, sample 2509240915A was analyzed outside the recommended holding time. Affected data are appropriately qualified.**

Well ID	Event Date	Miscellaneous QA Narratives
700-H-350	**24-Sep-25**	For EPA Method 300.0, sample 2509260830Y is incorrectly reported as sample "2509250830Y" in the analytical report and the associated EDD file due to a laboratory error. The sample ID was corrected to match the chain of custody and the logbook accordingly. No further action taken.
700-H-350	**24-Sep-25**	For Anions, relative percent differences (RPD) for duplicate samples 2509251346Y and 2509251425Y were within control limits or below the calculable range.
700-H-350	**24-Sep-25**	**PPE used/required at this location included: gloves, hard hat and safety sunglasses.**
700-H-350	**24-Sep-25**	**For pH, sample 2509251346Y was analyzed outside the recommended holding time. Affected data are appropriately qualified.**
700-J-200	**24-Sep-25**	**For EPA Method 300.0, Nitrate Nitrite as N (0.25 ug/L) in sample 2509241443A is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
700-J-200	**24-Sep-25**	**For Anions, sample 2509241442A for Orthophosphate as P were analyzed outside the recommended holding time. Affected data are appropriately qualified.**
700-J-200	**24-Sep-25**	For all analyses, the event date was incorrectly entered as "9/24/2024" in the database. The database record was corrected to "9/24/2025" to match the logbook. No further action required.
700-J-200	**24-Sep-25**	**For pH, sample 2509241442A was analyzed outside the recommended holding time. Affected data are appropriately qualified.**
700-A-253	25-Sep-25	For EPA Method 335.4, there were no detections in the field blank.
700-A-253	25-Sep-25	For EPA Method 353.2, there were no detections in the field blank.
700-A-253	25-Sep-25	For SW-846 Method 8082A, there were no detections in the field blank.
700-A-253	**25-Sep-25**	**For Anions, pH was detected in the field blank (2509250924A) at 5.6 ug/L.**
700-A-253	**25-Sep-25**	For multiple analyses, several samples for 700-A-253 were not identified as QA field blank samples. Affected samples are as follows: 2509250917A (SVOA-FB), 2509250918A (PCBs-FB), 2509250919A (PHENOLICS-FB), 2509250920A (CYANIDE-FB), 2509250921A (METALS-FB), 2509250922A (RADS-FB), 2509250923A (TOC-FB), 2509250924A (ANIONS-FB), and 2509250925A (NO2,NO3-FB). Sample types for affected samples have been corrected in the database to match the field logbook. No further action required.
700-A-253	**25-Sep-25**	**For pH, sample2509250943A and field blank sample 2509250924A was analyzed outside the recommended holding time. Affected data are appropriately qualified.**

Table 8 – WSTF Blank Sample Detections

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
BLM-9-419	2-Sep-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC FB
BLM-9-419	2-Sep-25	Carboy G1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.61	ng/L	RB FB
PL-4-464	2-Sep-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC TB FB
PL-4-464	2-Sep-25	Carboy G1	8260	VOA-TB	124-38-9	Carbon Dioxide	48	ug/L	J RB TIC TB FB
PL-4-464	2-Sep-25	Carboy G1	NDMA_LL	NDMA_LL-TB	62-75-9	N-Nitrosodimethylamine	0.71	ng/L	RB TB FB
PL-4-464	2-Sep-25	Carboy G1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.47	ng/L	J RB TB FB
WW-3-469	2-Sep-25	Carboy G3	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	52	ug/L	J RB TIC EB
WW-3-469	2-Sep-25	Carboy G3	8260_LL	VOA-EB	1066-40-6	Silanol, trimethyl-	2.8	ug/L	J TIC EB
WW-3-469	2-Sep-25	Carboy G3	8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	1.3	ug/L	J TIC EB
WW-3-469	2-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.54	ng/L	RB EB
WW-3-569	2-Sep-25	Carboy G3	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	52	ug/L	J RB TIC EB
WW-3-569	2-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	2.06	ng/L	RB EB
PL-11-470	3-Sep-25	Carboy G3	8260_LL	VOA-FB	1111-78-0	Carbamic acid, monoammonium salt	53	ug/L	J TIC FB
PL-11-470	3-Sep-25	Carboy G3	8260_LL	VOA-FB	1066-40-6	Silanol, trimethyl-	2.3	ug/L	J TIC FB
PL-11-470	3-Sep-25	Carboy G3	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.2	ug/L	J TIC FB
PL-11-470	3-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.43	ng/L	J RB FB
PL-11-530	3-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	57	ug/L	J RB TIC FB
PL-11-530	3-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.5	ng/L	RB FB
PL-11-710	4-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	46	ug/L	J RB TIC FB
PL-11-710	4-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.45	ng/L	J RB FB
PL-11-820	4-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	51	ug/L	J RB TIC FB
PL-11-820	4-Sep-25	Carboy G3	8260_LL	VOA-FB	1066-40-6	Silanol, trimethyl-	3.3	ug/L	J TIC FB
PL-11-820	4-Sep-25	Carboy G3	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.8	ug/L	J TIC FB
PL-11-980	4-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	48	ug/L	J RB TIC FB
PL-11-980	4-Sep-25	Carboy G3	8260_LL	VOA-FB	64-19-7	Acetic Acid	0.66	ug/L	J TIC FB
ST-4-481	4-Sep-25	Carboy G3	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC TB FB
ST-4-481	4-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	47	ug/L	J RB TIC TB FB
ST-4-481	4-Sep-25	Carboy G3	8260_LL	VOA-TB	64-19-7	Acetic Acid	7.5	ug/L	J TIC TB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
ST-4-481	4-Sep-25	Carboy G3	8260_LL	VOA-TB	541-05-9	Cyclotrisiloxane, hexamethyl-	0.97	ug/L	J TIC TB
ST-4-481	4-Sep-25	Carboy G3	8260_LL	VOA-TB	110-54-3	Hexane	0.6	ug/L	J TIC TB
ST-4-481	4-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.4	ng/L	J RB TB FB
ST-4-481	4-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-TB	62-75-9	N-Nitrosodimethylamine	0.4	ng/L	J RB TB FB
BLM-42-569	8-Sep-25	Carboy G2	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	51	ug/L	J RB TIC FB
BLM-42-569	8-Sep-25	Carboy G2	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	2.2	ug/L	J TIC FB
BLM-42-709	8-Sep-25	Carboy G2	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC FB TB
BLM-42-709	8-Sep-25	Carboy G2	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	48	ug/L	J RB TIC FB TB
BLM-42-709	8-Sep-25	Carboy G2	NDMA_LL	NDMA_LL-TB	62-75-9	N-Nitrosodimethylamine	0.36	ng/L	J RB TB
ST-6-528	8-Sep-25	Carboy G3	8260_LL	VOA-FB	123-91-1	1,4-Dioxane	0.77	ug/L	
ST-6-528	8-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.36	ng/L	J RB FB
B650-EFF-1	9-Sep-25	Carboy PF1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	55	ug/L	J RB TIC FB
B650-EFF-1	9-Sep-25	Carboy PF1	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	1.4	ug/L	J TIC FB
B650-EFF-1	9-Sep-25	Carboy PF1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.43	ng/L	J RB FB
B650-INF-1	9-Sep-25	Carboy PF1	8260	VOA-FB	124-38-9	Carbon Dioxide	51	ug/L	J RB TIC FB
ST-6-568	9-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	54	ug/L	J RB TIC FB
ST-6-678	9-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	47	ug/L	J RB TIC FB
ST-6-678	9-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.35	ng/L	J RB FB
B655-EFF-2	10-Sep-25	Carboy PF1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.38	ng/L	J RB FB
ST-6-970	10-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.37	ng/L	J RB FB
PL-8-455	11-Sep-25		8260_LL	VOA-EB	124-38-9	Carbon Dioxide	54	ug/L	J RB TIC EB
PL-8-455	11-Sep-25		8260_LL	VOA-EB	9/5/7446	Sulfur Dioxide	2.6	ug/L	J RB TIC EB
PL-8-455	11-Sep-25		8260_LL	VOA-EB	1066-40-6	Silanol, trimethyl-	2.2	ug/L	J TIC EB
PL-8-455	11-Sep-25		8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	1.6	ug/L	J TIC EB
PL-8-455	11-Sep-25		NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	1.03	ng/L	RB EB
PL-8-605	11-Sep-25		8260_LL	VOA-TB	124-38-9	Carbon Dioxide	51	ug/L	J RB TIC TB EB
PL-8-605	11-Sep-25		8260_LL	VOA-EB	124-38-9	Carbon Dioxide	48	ug/L	J RB TIC TB EB
PL-8-605	11-Sep-25		8260_LL	VOA-EB	9/5/7446	Sulfur Dioxide	2.5	ug/L	J RB TIC TB EB
PL-8-605	11-Sep-25		NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	2.29	ng/L	RB EB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
PL-8-605	11-Sep-25		8260_LL	VOA-EB	1066-40-6	Silanol, trimethyl-	2.1	ug/L	J TIC EB
PL-8-605	11-Sep-25		8260_LL	VOA-TB	9/5/7446	Sulfur Dioxide	1.8	ug/L	J RB TIC TB EB
PL-8-605	11-Sep-25		8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	1.2	ug/L	J TIC EB
ST-4-690	11-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	50	ug/L	J RB TIC FB
ST-4-690	11-Sep-25	Carboy G3	8260_LL	VOA-FB	1073-06-9	Benzene, 1-bromo-3-fluoro-	43	ug/L	J TIC FB
ST-4-690	11-Sep-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	1.8	ug/L	J RB TIC FB
ST-4-690	11-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.41	ng/L	J RB FB
BLM-7-509	12-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	50	ug/L	J RB TIC FB
BLM-7-509	12-Sep-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	11	ug/L	J RB TIC FB
200-SG-1	15-Sep-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	55	ug/L	J RB TIC FB
200-SG-1	15-Sep-25	Carboy G1	8260	VOA-FB	75-21-8	Ethylene Oxide	2.3	ug/L	J TIC FB
200-SG-1	15-Sep-25	Carboy G1	8260	VOA-FB	9/5/7446	Sulfur Dioxide	1.8	ug/L	J RB TIC FB
300-A-120	15-Sep-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	51	ug/L	J RB TIC FB
300-A-120	15-Sep-25	Carboy G1	8260	VOA-FB	149-73-5	Methane, trimethoxy-	1.9	ug/L	J TIC FB
300-A-120	15-Sep-25	Carboy G1	8260	VOA-FB	75-21-8	Ethylene Oxide	1.7	ug/L	J TIC FB
300-A-120	15-Sep-25	Carboy G1	8260	VOA-FB	9/5/7446	Sulfur Dioxide	1.4	ug/L	J RB TIC FB
WW-2-489	15-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	49	ug/L	J TIC TB FB FB
WW-2-489	15-Sep-25	Carboy G3	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	43	ug/L	J TIC TB FB FB
WW-2-489	15-Sep-25	Carboy G3	8260_LL	VOA-TB	9/5/7446	Sulfur Dioxide	19	ug/L	J TIC TB FB FB
WW-2-489	15-Sep-25	Carboy G3	8260_LL	VOA-FB	1066-40-6	Silanol, trimethyl-	4.7	ug/L	J TIC FB FB
WW-2-489	15-Sep-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	3.1	ug/L	J TIC TB FB FB
WW-2-489	15-Sep-25	Carboy G3	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.3	ug/L	J TIC FB FB
WW-2-489	15-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.49	ng/L	RB TB FB
WW-2-489	15-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-TB	62-75-9	N-Nitrosodimethylamine	0.36	ng/L	RB TB FB
WW-2-664	15-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	44	ug/L	J TIC FB
WW-2-664	15-Sep-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	14	ug/L	J TIC FB
WW-2-664	15-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.74	ng/L	RB FB
200-JG-110	16-Sep-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	50	ug/L	J RB TIC FB
200-JG-110	16-Sep-25	Carboy G1	8260	VOA-FB	9/5/7446	Sulfur Dioxide	3.3	ug/L	J RB TIC FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
200-JG-110	16-Sep-25	Carboy G1	8260	VOA-FB	75-04-7	Ethylamine	2.4	ug/L	J TIC FB
BW-6-355	16-Sep-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	56	ug/L	J RB TIC FB
BW-6-355	16-Sep-25	Carboy G1	8260	VOA-FB	9/5/7446	Sulfur Dioxide	3.3	ug/L	J RB TIC FB
PL-2-504	16-Sep-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	48	ug/L	J RB TIC FB
PL-2-504	16-Sep-25	Carboy G3	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	2.2	ug/L	J TIC FB
PL-2-504	16-Sep-25	Carboy G3	8260	VOA-FB	9/5/7446	Sulfur Dioxide	1.9	ug/L	J RB TIC FB
PL-2-504	16-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.4	ng/L	J RB FB
WW-1-452	16-Sep-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	53	ug/L	J TIC FB
WW-1-452	16-Sep-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	11	ug/L	J TIC FB
WW-1-452	16-Sep-25	Carboy G3	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.36	ng/L	J RB FB
200-KV-150	17-Sep-25	Carboy G1	8260	VOA-FB	124-38-9	Carbon Dioxide	48	ug/L	J RB TIC FB
200-KV-150	17-Sep-25	Carboy G1	8260	VOA-FB	9/5/7446	Sulfur Dioxide	1.9	ug/L	J RB TIC FB
200-KV-150	17-Sep-25	Carboy G1	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	1.5	ug/L	J TIC FB
200-KV-150	17-Sep-25	Carboy G1	METALS	METALS-FB	7439-89-6	Iron, Total	0.14	mg/L	FB
200-KV-150	17-Sep-25	Carboy G1	METALS	METALS-FB	7440-66-6	Zinc, Total	0.004	mg/L	J FB
BLM-5-527	17-Sep-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	54	ug/L	J RB TIC FB
BW-1-268	17-Sep-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	54	ug/L	J RB TIC FB
BW-1-268	17-Sep-25	Carboy G3	8260	VOA-FB	9/5/7446	Sulfur Dioxide	1.3	ug/L	J RB TIC FB
300-D-153	18-Sep-25	Carboy G3	8260	VOA-TB	124-38-9	Carbon Dioxide	50	ug/L	J RB TIC TB
300-D-153	18-Sep-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	47	ug/L	*J RB TIC TB FB
300-D-153	18-Sep-25	Carboy G3	8260	VOA-TB	9/5/7446	Sulfur Dioxide	2.2	ug/L	J RB TIC TB
300-D-153	18-Sep-25	Carboy G3	8260	VOA-FB	9/5/7446	Sulfur Dioxide	1.1	ug/L	*J RB TIC TB FB
700-H-535	23-Sep-25	Carboy G2 / Landfill	8260	VOA-EB	124-38-9	Carbon Dioxide	54	ug/L	J RB TIC EB
700-H-535	23-Sep-25	Carboy G2 / Landfill	8260	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	1.1	ug/L	J TIC EB
700-H-535	23-Sep-25	Carboy G2 / Landfill	METALS	METALS-EB	7440-70-2	Calcium, Total	0.7	mg/L	J EB
700-H-535	23-Sep-25	Carboy G2 / Landfill	METALS	METALS-EB	7440-23-5	Sodium, Total	0.6	mg/L	J EB
700-H-535	23-Sep-25	Carboy G2 / Landfill	METALS	METALS-EB	7439-95-4	Magnesium, Total	0.1	mg/L	J EB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
700-H-535	23-Sep-25	Carboy G2 / Landfill	METALS	METALS-EB	7429-90-5	Aluminum, Total	0.05	mg/L	J EB
700-H-535	23-Sep-25	Carboy G2 / Landfill	METALS	METALS-EB	7440-24-6	Strontium, Total	0.03	mg/L	J EB
700-H-535	23-Sep-25	Carboy G2 / Landfill	METALS	METALS-EB	7440-66-6	Zinc, Total	0.006	mg/L	J EB
700-H-535	23-Sep-25	Carboy G2 / Landfill	METALS	METALS-EB	7440-62-2	Vanadium, Total	0.001	mg/L	J EB
700-H-670	23-Sep-25	Carboy G2 / Landfill	8260	VOA-EB	124-38-9	Carbon Dioxide	50	ug/L	J RB TIC EB
NASA 10	23-Sep-25	Carboy G1 / DP-697	8260	VOA-FB	124-38-9	Carbon Dioxide	58	ug/L	J RB TIC FB
NASA 5	23-Sep-25	Carboy G1 / DP-697	8260	VOA-FB	124-38-9	Carbon Dioxide	53	ug/L	J RB TIC FB
NASA 5	23-Sep-25	Carboy G1 / DP-697	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	4	ug/L	J TIC FB
NASA 5	23-Sep-25	Carboy G1 / DP-697	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	3	ug/L	J TIC FB
700-D-186	24-Sep-25	Carboy G1 / Landfill	8260	VOA-FB	124-38-9	Carbon Dioxide	55	ug/L	J RB TIC FB
700-H-350	24-Sep-25	Carboy G2 / Landfill	8260	VOA-EB	124-38-9	Carbon Dioxide	52	ug/L	J RB TIC EB
700-J-200	24-Sep-25	Carboy G1 / Landfill	8260	VOA-FB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC FB
700-A-253	25-Sep-25	Carboy G1 / Landfill	8260	VOA-FB	124-38-9	Carbon Dioxide	43	ug/l	RB FB
700-A-253	25-Sep-25	Carboy G1 / Landfill	ANIONS	ANIONS-FB	STL00204	pH	5.6	SU	T *
700-A-253	25-Sep-25	Carboy G1 / Landfill	8270	SVOA-FB	117-81-7	Bis(2-ethylhexyl) phthalate	1.4	ug/l	FB
700-A-253	25-Sep-25	Carboy G1 / Landfill	RADS	RADS-FB	15262-20-1	Radium-228	0.978	pCi/L	FB

National Aeronautics and Space Administration

Quality Assurance Report for White Sands Test Facility Groundwater Monitoring Data

October 2025

NM8800019434

Report Submitted: February 2025

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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 October 2025.
- The quantity and type of quality control samples collected or prepared in October 2025.
- Quality control sample percentages in annual period immediately preceding and during October 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

There were no notable anomalies in the groundwater data associated with the October 2025 QAR.

3.0 Data Tables

Table 1 summarizes the groundwater sample events initiated in October 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 October 2025

Well ID	Event Date
PL-6-725	1-Oct-25
ST-7-544	1-Oct-25
ST-7-779	1-Oct-25
ST-7-970	1-Oct-25
JER-1-483	2-Oct-25

Well ID	Event Date
JER-1-563	2-Oct-25
JER-1-683	2-Oct-25
PL-10-592	2-Oct-25
PL-6-545	2-Oct-25
JER-2-504	6-Oct-25

Well ID	Event Date
JER-2-584	6-Oct-25
PL-10-484	6-Oct-25
JER-2-684	7-Oct-25
WW-5-459	8-Oct-25
WW-5-579	8-Oct-25

Well ID	Event Date
BLM-39-385	9-Oct-25
BLM-39-560	9-Oct-25
JP-3-509	9-Oct-25
JP-3-689	9-Oct-25
B650-EFF-1	10-Oct-25
B650-INF-1	10-Oct-25
B655-EFF-2	10-Oct-25
B655-INF-2	10-Oct-25
BLM-6-488	10-Oct-25
BLM-14-327	13-Oct-25
WW-5-809	13-Oct-25
WW-5-909	13-Oct-25

Well ID	Event Date
200-LV-150	14-Oct-25
300-C-128	14-Oct-25
600A-004-GW	14-Oct-25
BLM-40-595	14-Oct-25
BLM-40-688	14-Oct-25
400-FV-131	15-Oct-25
400-IV-123	15-Oct-25
600-G-138	15-Oct-25
BLM-41-420	15-Oct-25
BLM-41-670	15-Oct-25
100-001-GW	16-Oct-25
400-HV-147	16-Oct-25

Well ID	Event Date
600C-005-GW	16-Oct-25
JP-1-424	16-Oct-25
JP-2-447	16-Oct-25
BLM-10-517	20-Oct-25
BW-3-180	20-Oct-25
PFE-2	20-Oct-25
PFE-4A	20-Oct-25
PFE-5	20-Oct-25
PFE-7	20-Oct-25
PFE-1	21-Oct-25
PFE-3	21-Oct-25

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	**16**	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**38**	**1**	**1**	0	**1**	**3**	**1**
Perchlorate by SW-846 Method 6850	**15**	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**22**	**20**	**2**	0	**1**	**5**	0
Low Level Volatile Organics by SW-846 Method 8260C	**28**	**24**	**4**	**8**	0	0	**1**
Semi-Volatile Organics by SW-846 Method 8270D	**28**	0	0	0	0	0	0
Anions by Various EPA Methods	**15**	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**27**	**2**	0	0	**1**	**3**	**1**
Nitrosamines by Low-Level Method	**31**	**27**	**4**	**8**	**1**	**4**	**1**
Total Dissolved Solids by Standard Method 2540C	**15**	0	0	0	0	0	0

Table 3 – Quality Control Sample Percentages

Quality Control Requirement	Requirement %	Samp. Qty. since Sept 2024	QC Qty. Sept 2024	QC % since Sept 2024	Sample Quantity Oct 2025	QC Quantity Oct 2025	QC % Oct 2025
VOA Duplicates	**10**	575	67	**11.65**	50	5	**10.00**
VOA Matrix Spikes	**2**	575	13	**2.26**	50	1	**2.00**
607 Duplicates	**10**	355	32	**9.01**	38	3	**7.89**
607 Matrix Spikes	**2**	355	8	**2.25**	38	1	**2.63**
607 Equipment Blanks	**2**	355	7	**1.97**	38	1	**2.63**
607 Field Blanks	**2**	355	10	**2.82**	38	1	**2.63**
NDMA_LL Duplicates	**10**	327	38	**11.62**	31	4	**12.90**
NDMA_LL Matrix Spikes	**2**	327	12	**3.67**	31	1	**3.23**
Metals Duplicates	**10**	248	27	**10.89**	27	3	**11.11**
Metals Matrix Spikes	**2**	248	6	**2.42**	27	1	**3.70**

Quality Control Requirement	Requirement %	Samp. Qty. since Sept 2024	QC Qty. Sept 2024	QC % since Sept 2024	Sample Quantity Oct 2025	QC Quantity Oct 2025	QC % Oct 2025
Metals Equipment Blanks	**5**	248	10	**4.03**	27	0[1]	**0.00[1]**
Metals Field Blanks	**5**	248	16	**6.45**	27	2	**7.41**

1. Metals were not scheduled to be sampled on any westbay wells this month

Quality Control Requirement	Requirement %	Sample Events since Sept 2024	QC Qty. since Sept 2024	QC % since Sept 2024	Sample Events Oct 2025	QC Quantity Oct 2025	QC % Oct 2025
VOA Equipment Blanks and Field Blanks	*Should approach 100%*	614	614	**100%**	50	50	**100%**
Low Level Nitrosamine Equipment Blanks and Field Blanks	*Should approach 100%*	386	386	**100%**	31	31	**100%**

Quality Control Requirement	Requirement %	Shipments since Sept 2024	TB Qty. since Sept 2024	TB % since Sept 2024	Shipments in Oct 2025	TB Quantity Oct 2025	QC % Oct 2025
VOA Trip Blank (per shipment)	*Should approach 100%*	125	125	**100%**	8	8	100%
Low Level Nitrosamine Trip Blank (per shipment)	*Should approach 100%*	100	100	**100%**	8	8	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	**16**	0	0	0	0	0	0	0
Nitrosamines by EPA Method 607	**129**	0	0	0	**2**	**2**	0	**6**
Perchlorate by SW-846 Method 6850	**15**	0	0	0	0	0	0	0
Volatile Organics by SW-846 Method 8260C	**1786**	0	0	0	**4**	0	0	0
Low Level Volatile Organics by SW-846 Method 8260C	**1842**	0	0	0	0	0	0	0
Semi-Volatile Organics by SW-846 Method 8270D	**2533**	0	0	0	0	0	0	0
Anions by Various EPA Methods	60	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	810	**11**	0	0	**2**	**2**	0	0
Nitrosamines by Low-Level Method	70	0	**3**	0	**1**	**2**	0	0
Total Dissolved Solids by Standard Method 2540C	**15**	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	**16**	0	0	0	0	0	0	0	0	**1**	0
Nitrosamines by EPA Method 607	**129**	0	0	0	**3**	0	0	**6**	0	**8**	0
Perchlorate by SW-846 Method 6850	**15**	**1**	0	0	0	0	0	0	0	**1**	0
Volatile Organics by SW-846 Method 8260C	**1786**	0	0	0	0	0	0	**6**	0	**36**	0
Low Level Volatile Organics by SW-846 Method 8260C	**1842**	0	**2**	0	0	0	0	0	0	**12**	0
Semi-Volatile Organics by SW-846 Method 8270D	**2533**	0	0	0	0	0	0	**18**	0	**1**	0
Anions by Various EPA Methods	**60**	0	0	0	0	0	0	0	0	0	0
Total Metals by Various SW-846 Methods	**810**	0	0	0	0	0	0	0	0	**161**	0
Nitrosamines by Low-Level Method	**70**	0	**6**	0	0	0	0	0	0	**3**	**1**
Total Dissolved Solids by Standard Method 2540C	**15**	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-6-725	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (4 ug/L)is an estimated value and tentatively identified by a GC/MS library search in sample 2510011042Y.**
PL-6-725	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (10 ug/L), Silanol, trimethyl- (3.4 ug/L) and Sulfur Dioxide (2.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510010910Y.**
PL-6-725	**10/1/2025**	**For Low Level SW-846 Method 8260D, analysis for batch 896707 was performed on a sample with headspace. Headspace-free sample was not available.**
PL-6-725	**10/1/2025**	**For Low Level SW-846 Method 8260D, report revised to correct an issue with the library searches.**
PL-6-725	**10/1/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2510010910Y) at 2.1 ug/L. Silane, methoxytrimethyl- was detected in the**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		equipment blank (2510010910Y) at 10.0 ug/L. Silanol, trimethyl- was detected in the equipment blank (2510010910Y) at 3.4 ug/L.
PL-6-725	10/1/2025	For Low Level SW-846 Method 8260C, there were no detections in the trip blank.
PL-6-725	**10/1/2025**	**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-6-725	10/1/2025	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-7-544	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (13 ug/L), Silanol, trimethyl- (5.9 ug/L) and Sulfur Dioxide (2.1 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample field blank 2510011137B.**
ST-7-544	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (2.7 ug/L)is an estimated value and tentatively identified by a GC/MS library search in sample 2510011136B.**
ST-7-544	**10/1/2025**	**For Low Level SW-846 Method 8260D, report revised to correct an issue with the library searches.**
ST-7-544	10/1/2025	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-7-544	**10/1/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510011137B) at 2.1 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2510011137B) at 13.0 ug/L. Silanol, trimethyl- was detected in the field blank (2510011137B) at 5.9 ug/L.**
ST-7-544	**10/1/2025**	**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.**
ST-7-544	**10/1/2025**	**For Low Level SW-846 Method 8260D, analysis for batch 896707 was performed on a sample with headspace. Headspace-free sample was not available.**
ST-7-779	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (2.7 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510011141B.**
ST-7-779	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (9.9 ug/L), Silanol, trimethyl- (3.3 ug/L) and Sulfur Dioxide (1.7 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample field blank 2510011142B.**
ST-7-779	**10/1/2025**	**For Low Level SW-846 Method 8260D, report revised to correct an issue with the library searches.**
ST-7-779	10/1/2025	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	**10/1/2025**	**For Low Level SW-846 Method 8260D, analysis for batch 896707 was performed on a sample with headspace. Headspace-free sample was not available.**
ST-7-779	**10/1/2025**	**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**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
		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-7-779	**10/1/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510011142B) at 1.7 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2510011142B) at 9.9 ug/L. Silanol, trimethyl- was detected in the field blank (2510011142B) at 3.3 ug/L.**
ST-7-970	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (6.3 ug/L), Silanol, trimethyl- (2.2 ug/L) and Trimethylsilyl fluoride (1.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510011156B.**
ST-7-970	**10/1/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (6.4 ug/L) and Silanol, trimethyl- (2.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample field blank 2510011157B.**
ST-7-970	**10/1/2025**	**For Low Level SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2510011157B) at 6.4 ug/L. Silanol, trimethyl- was detected in the field blank (2510011157B) at 2.5 ug/L.**
ST-7-970	**10/1/2025**	**For Low Level SW-846 Method 8260D, report revised to correct an issue with the library searches.**
ST-7-970	10/1/2025	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	**10/1/2025**	**For Low Level SW-846 Method 8260D, analysis for batch 896707 was performed on a sample with headspace. Headspace-free sample was not available.**
ST-7-970	**10/1/2025**	**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.**
JER-1-483	**10/2/2025**	**For Low Level SW-846 Method 8260D, the control limits (85%-122%) were exceeded for 4-Bromofluorobenzene (124%). A reanalysis was not performed because insufficient holding time was available. No further corrective action was possible.**
JER-1-483	**10/2/2025**	**For Low Level SW-846 Method 8260C, Toluene (0.25 ug/L) in sample 2510021232B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-483	**10/2/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (4 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510021232B.**
JER-1-483	**10/2/2025**	**For Low Level SW-846 Method 8260D, the control limits were exceeded for one or more surrogates in one or more QC samples associated with samples in this report. The associated recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outlier is flagged accordingly. No further corrective action was appropriate.**
JER-1-483	10/2/2025	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-1-483	10/2/2025	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
JER-1-483	**10/2/2025**	**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. >20% of analytes exceeded upder control limit.**
JER-1-563	10/2/2025	For Low Level SW-846 Method 8260C, there were no detections in the field blank.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
JER-1-563	**10/2/2025**	**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. >20% of analytes exceeded upder control limit.**
JER-1-563	10/2/2025	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	**10/2/2025**	**For Low Level SW-846 Method 8260D, the control limits were exceeded for one or more surrogates in one or more QC samples associated with samples in this report. The associated recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outlier is flagged accordingly. No further corrective action was appropriate.**
JER-1-563	**10/2/2025**	**For Low Level SW-846 Method 8260D, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2510021250B.**
JER-1-563	**10/2/2025**	**For Low Level SW-846 Method 8260, Benzene (0.49 ug/L) result was estimated value less than the quantitation limit, but greater than or equal to the detection limit in sample 2510021250B.**
JER-1-563	**10/2/2025**	**For Low Level SW-846 Method 8260C, the upper control limit (79-119%) for the Laboratory Control Sample (LCS) was exceeded for Benzene (124%). The analytes affected are flagged accordingly.**
JER-1-683	**10/2/2025**	**For Low Level SW-846 Method 8260C, the upper control limit (74-159%) for the Laboratory Control Sample (LCS) was exceeded for Vinyl Chloride (161%). The analytes affected are flagged accordingly.**
JER-1-683	**10/2/2025**	**For Low Level SW-846 Method 8260D, the control limits were exceeded for one or more surrogates in one or more QC samples associated with samples in this report. The associated recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outlier is flagged accordingly. No further corrective action was appropriate.**
JER-1-683	**10/2/2025**	**For Low Level SW-846 Method 8260C, 1,4-Dioxane, 2,5-dimethyl- (0.78 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample equipment blank 2510021317B.**
JER-1-683	**10/2/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide- (1.9 ug/L) and Silane, methoxytrimethyl- (2.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in field blank sample 2510021318B.**
JER-1-683	**10/2/2025**	**For Low Level SW-846 Method 8260, Vinyl Chloride (0.5 ug/L) result was estimated value less than the quantitation limit, but greater than or equal to the detection limit in sample 2510021317B.**
JER-1-683	**10/2/2025**	**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. >20% of analytes exceeded upder control limit.**
JER-1-683	10/2/2025	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-10-592	**10/2/2025**	**For Low Level SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the equipment blank (2510021320Y) at 4.3 ug/L.**
PL-10-592	**10/2/2025**	**For Low Level SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the trip blank (2510021025Y) at 3.1 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
PL-10-592	10/2/2025	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-10-592	**10/2/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (88 ug/L), Trimethylsilyl fluoride (4.1 ug/L) and Silane, methoxytrimethyl- (1.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510060912Y.**
PL-10-592	**10/2/2025**	**For Low Level SW-846 Method 8260D, the control limits were exceeded for one or more surrogates in one or more QC samples associated with samples in this report. The associated recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outlier is flagged accordingly. No further corrective action was appropriate.**
PL-10-592	**10/2/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514705-03) for analytical batch 897327. Groundwater data are affected by this method blank contamination are flagged.**
PL-10-592	**10/2/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (3.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank sample 2510021025Y and equipment blank 2510021320Y.**
PL-10-592	**10/2/2025**	**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. >20% of analytes exceeded upder control limit.**
PL-6-545	**10/2/2025**	**For Low Level SW-846 Method 8260D, the control limits were exceeded for one or more surrogates in one or more QC samples associated with samples in this report. The associated recoveries of target compounds were in control, indicating the analysis was in control. The surrogate outlier is flagged accordingly. No further corrective action was appropriate.**
PL-6-545	**10/2/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (5.3 ug/L) and Glycolaldehyde dimethyl acetal (1.9 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510011445Y.**
PL-6-545	10/2/2025	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-6-545	**10/2/2025**	**For Low Level SW-846 Method 8260D, report revised to correct an issue with the library searches.**
PL-6-545	**10/2/2025**	**For Low Level SW-846 Method 8260D, analysis for batch 896707 was performed on a sample with headspace. Headspace-free sample was not available.**
PL-6-545	**10/2/2025**	**For Low Level SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the equipment blank (2510011445Y) at 5.3 ug/L. Glycolaldehyde dimethyl acetal was detected in the equipment blank (2510011445Y) at 1.9 ug/L.**
PL-6-545	**10/2/2025**	**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.**
JER-2-504	**10/6/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2510060745B) at 46.0 ug/L. Silane, methoxytrimethyl- was detected in the trip blank (2510060745B) at 0.91 ug/L.**
JER-2-504	**10/6/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510061152B) at 56.0 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
JER-2-504	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514705-03) for analytical batch 897327. Groundwater data are affected by this method blank contamination are flagged.**
JER-2-504	**10/6/2025**	**For Low Level SW-846 Method 8260D, 1,4-Dioxane (19 ug/L) and Toluene (0.3 ug/L) in sample 2510061151B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JER-2-504	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (81 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 trip blank sample 2510061151B.**
JER-2-504	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (56 ug/L) is an estimated value and tentatively identified by a GC/MS library search in field blank sample 2510061152B.**
JER-2-504	**10/6/2025**	**For SW-846 Method 8260, samples 2510060745B, 2510061151B, and 2510061152B are incorrectly reported as Well "PL-2-504" in the chain of custodies, analytical report and the associated EDD file due to a technician labeling error. The sample ID was corrected in the EDD file to match the logbook accordingly. No further action taken.**
JER-2-504	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (46 ug/L) and Silane, methoxytrimethyl- (0.91 ug/L) are estimated values and tentatively identified by a GC/MS library search in trip blank sample 2510060745B.**
JER-2-504	**10/6/2025**	**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. >20% of analytes exceeded upder control limit.**
JER-2-504	10/6/2025	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-2-584	**10/6/2025**	**For Low Level SW-846 Method 8260C, Cyclohexane was detected in the field blank (2510061202B) at 0.59 ug/L. Carbon Dioxide was detected in the field blank (2510061202B) at 58.0 ug/L.**
JER-2-584	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514705-03) for analytical batch 897327. Groundwater data are affected by this method blank contamination are flagged.**
JER-2-584	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (82 ug/L), Ethylene Oxide (1.7 ug/L), and 1,4-Dioxane, 2,5-dimethyl- (0.77 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510061201B.**
JER-2-584	**10/6/2025**	**For SW-846 Method 8260, samples 2510061201B and 2510061202B are incorrectly reported as Well "PL-2-584" in the chain of custodies, analytical report and the associated EDD file due to a technician labeling error. The sample ID was corrected in the EDD file to match the logbook accordingly. No further action taken.**
JER-2-584	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (58 ug/L) and Cyclohexane (0.59 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510061202B.**
JER-2-584	**10/6/2025**	**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. >20% of analytes exceeded upder control limit.**
JER-2-584	10/6/2025	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-2-584	**10/6/2025**	**For Low Level SW-846 Method 8260C, the upper control limit (80-116%) for the Laboratory Control Sample (LCS) was exceeded for Dibromofluoromethane (128%) in sample 2510061202B. The analytes affected are flagged accordingly.**
PL-10-484	**10/6/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the equipment blank (2510061000Y) at 53.0 ug/L.**
PL-10-484	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514705-03) for analytical batch 897327. Groundwater data are affected by this method blank contamination are flagged.**
PL-10-484	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (53 ug/L) is an estimated value and tentatively identified by a GC/MS library search in equipment blank sample 2510061000Y.**
PL-10-484	**10/6/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (88 ug/L) and Trimethylsilyl fluoride (1.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510061300Y.**
PL-10-484	10/6/2025	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-10-484	**10/6/2025**	**For Low Level SW-846 Method 8260C, the upper control limit (87-121%) for the Laboratory Control Sample (LCS) was exceeded for Toluene-d8 (123%) in sample 2510061330Y. The analytes affected are flagged accordingly.**
PL-10-484	**10/6/2025**	**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.**
JER-2-684	**10/7/2025**	**For SW-846 Method 8260D, Carbon Dioxide (57 ug/L) and Sulfur Dioxide (1.4 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510071122B.**
JER-2-684	**10/7/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514705-03) for analytical batch 897327. Groundwater data are affected by this method blank contamination are flagged.**
JER-2-684	**10/7/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (88 ug/L), Glycidol (1.4 ug/L), and 1,4-Dioxane, 2,5-dimethyl- (0.34 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510071121B.**
JER-2-684	**10/7/2025**	**For Low Level SW-846 Method 8260C, Toluene (0.5 ug/L) in sample 2510071121B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
JER-2-684	**10/7/2025**	**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. >20% of analytes exceeded upder control limit.**
JER-2-684	10/7/2025	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.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
WW-5-459	**10/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide (53 ug/L) and Sulfur Dioxide (0.97 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510081142B.**
WW-5-459	**10/8/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (49 ug/L and 85 ug/L) is an estimated value and tentatively identified by a GC/MS library search in trip blank sample 2510080730B and sample 2510081141B.**
WW-5-459	**10/8/2025**	**For Low Level SW-846 Method 8260C, Toluene (0.42 ug/L) in sample 2510081141B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-5-459	**10/8/2025**	**For Low Level SW-846 Method 8260C, 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	**10/8/2025**	**For Low Level SW-846 Method 8260C, the upper control limit (87-121%) for the Laboratory Control Sample (LCS) was exceeded for Toluene-d8 (130%) in sample 2510081142B. The analytes affected are flagged accordingly.**
WW-5-459	**10/8/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2510080730B) at 49.0 ug/L.**
WW-5-459	**10/8/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514705-03) for analytical batch 897327. Groundwater data are affected by this method blank contamination are flagged.**
WW-5-459	10/8/2025	For Low Level SW-846 Method 8260C, 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-5-459	**10/8/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510081142B) at 53.0 ug/L. Sulfur Dioxide was detected in the field blank (2510081142B) at 0.97 ug/L.**
WW-5-579	**10/8/2025**	**For SW-846 Method 8260D, Carbon Dioxide (82 ug/L and 46 ug/L) and Sulfur Dioxide (0.89 ug/L and 0.86) are estimated values and tentatively identified by a GC/MS library search in sample 2510081201B and field blank 2510081202B.**
WW-5-579	**10/8/2025**	**For Low Level SW-846 Method 8260C, Toluene (0.42 ug/L) in sample 2510081201B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
WW-5-579	**10/8/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (42 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514705-03) for analytical batch 897327. Groundwater data are affected by this method blank contamination are flagged.**
WW-5-579	10/8/2025	For Low Level SW-846 Method 8260C, 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-5-579	**10/8/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510081202B) at 46.0 ug/L. Sulfur Dioxide was detected in the field blank (2510081202B) at 0.86 ug/L.**
WW-5-579	**10/8/2025**	**For Low Level SW-846 Method 8260C, 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-39-385	10/9/2025	For SW-846 Method 8260C, there were no detections in the equipment blank.

Well ID	Event Date	SW-846 Method 8260 QA Narratives
BLM-39-385	**10/9/2025**	**For SW-846 Method 8260C, Benzene, 1,2-difluoro- (33 ug/L), Benzene, 1-bromo-3-fluoro- (26 ug/l), and Sulfur Dioxide (0.72 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510101020Y.**
BLM-39-385	**10/9/2025**	**For SW-846 Method 8260D, CFC 123a (0.96 ug/L) in samples 2510101020Y and 2510101021Y is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-39-385	10/9/2025	For SW-846 Method 8260C, 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-39-385	**10/9/2025**	**For SW-846 Method 8260C, Benzene, 1,2-difluoro- (35 ug/L) and Sulfur Dioxide (0.84 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510101021Y.**
BLM-39-560	**10/9/2025**	**For SW-846 Method 8260C, Benzene, 1-bromo-3-fluoro- (30 ug/L), Sulfur Dioxide (0.96 ug/l), and Silane, methoxytrimethyl- (0.91 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510091315Y.**
BLM-39-560	**10/9/2025**	**For SW-846 Method 8260C, Sulfur Dioxide was detected in the equipment blank (2510091030Y) at 0.72 ug/L. Silane, methoxytrimethyl- was detected in the equipment blank (2510091030Y) at 0.61 ug/L.**
BLM-39-560	10/9/2025	For SW-846 Method 8260C, 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-39-560	**10/9/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- (0.61 ug/L) and Sulfur Dioxide (0.72 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510091030Y.**
BLM-39-560	**10/9/2025**	**For Low Level SW-846 Method 8260D, PCE (0.44 ug/L) and Vinyl Chloride (0.24 ug/L) in sample 2510091315Y are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JP-3-509	**10/9/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (8.9 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514898-03) for analytical batch 897678. Groundwater data are affected by this method blank contamination are flagged.**
JP-3-509	**10/9/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (9.6 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510091051A.**
JP-3-509	**10/9/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (7.1 ug/L), and Methane, dimethoxy- (0.91 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510090725A.**
JP-3-509	**10/9/2025**	**For Low Level SW-846 Method 8260C, EDD file for R2513260 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.**
JP-3-509	**10/9/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510091051A) at 9.6 ug/L.**
JP-3-509	**10/9/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the trip blank (2510090725A) at 7.1 ug/L. Methane, dimethoxy- was detected in the trip blank (2510090725A) at 0.91 ug/L.**
JP-3-689	**10/9/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (2.3 ug/L and 7.9 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510091201A and field blank sample 2510091202A.**
JP-3-689	**10/9/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (8.9 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514898-03) for analytical batch 897678. Groundwater data are affected by this method blank contamination are flagged.**
JP-3-689	**10/9/2025**	**For Low Level SW-846 Method 8260C, EDD file for R2513260 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
JP-3-689	**10/9/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510091202A) at 7.9 ug/L.**
B650-EFF-1	**10/10/2025**	**For SW-846 Method 8260C, Aminomethanesulfonic acid was detected in the field blank (2510100616) at 5.7 ug/L. Silanol, trimethyl- was detected in the field blank (2510100616) at 1.5 ug/L.**
B650-EFF-1	10/10/2025	For Low Level SW-846 Method 8260C, 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	**10/10/2025**	**For Low Level SW-846 Method 8260C, 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	**10/10/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (9.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510100615.**
B650-EFF-1	**10/10/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (8.9 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514898-03) for analytical batch 897678. Groundwater data are affected by this method blank contamination are flagged.**
B650-EFF-1	**10/10/2025**	**For Low Level SW-846 Method 8260D, Aminomethanesulfonic acid (5.7 ug/L), and Silanol, trimethyl- (1.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510100616.**
B650-EFF-1	**10/10/2025**	**For Low Level SW-846 Method 8260C, EDD file for R2513260 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.**
B650-EFF-1	10/10/2025	For Low Level SW-846 Method 8260C, 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-INF-1	10/10/2025	For SW-846 Method 8260C, 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-INF-1	**10/10/2025**	**For Low Level SW-846 Method 8260D, PCE (0.77 ug/L) and 4-Methyl-2-pentanone (0.49 ug/L) in sample 2510100630 are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
B650-INF-1	**10/10/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (1.7 ug/L), Silanol, trimethyl- (0.72 ug/L) and Sulfur Dioxide (0.7 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510100630.**
B650-INF-1	**10/10/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (38 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510100631.**
B650-INF-1	**10/10/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (34.8 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2515137-03) for analytical batch 898168. Groundwater data are affected by this method blank contamination are flagged.**
B650-INF-1	**10/10/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510100631) at 38.0 ug/L.**
B655-EFF-2	10/10/2025	For Low Level SW-846 Method 8260C, 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
B655-EFF-2	**10/10/2025**	**For Low Level SW-846 Method 8260C, 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	**10/10/2025**	**For Low Level SW-846 Method 8260C, Trimethylsilyl fluoride (5.7 ug/L), Ethyne, fluoro- (3.8 ug/L) and Silanol, trimethyl- (2.2 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510100526.**
B655-EFF-2	**10/10/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide (4.7 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510100527.**
B655-EFF-2	**10/10/2025**	**For Low Level SW-846 Method 8260C, CFC 11 (0.35 ug/L) in sample 2510100526 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-EFF-2	**10/10/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (8.9 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514898-03) for analytical batch 897678. Groundwater data are affected by this method blank contamination are flagged.**
B655-EFF-2	10/10/2025	For Low Level SW-846 Method 8260C, 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-EFF-2	**10/10/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510100527) at 4.7 ug/L.**
B655-EFF-2	**10/10/2025**	**For Low Level SW-846 Method 8260C, EDD file for R2513260 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.**
B655-INF-2	**10/10/2025**	**For SW-846 Method 8260C, Acetone (5.2 ug/L) and 1,1-Dichloroethene (0.69 ug/L) in sample 2510100545 are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
B655-INF-2	**10/10/2025**	**For SW-846 Method 8260C, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2510100545.**
B655-INF-2	**10/10/2025**	**For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2510100546) at 1.1 ug/L.**
B655-INF-2	**10/10/2025**	**For SW-846 Method 8260C, Carbon Dioxide (490 ug/L) and 1,1,2-Trichloro-1,2,2-Trifluoroethane (220 ug/L) in sample 2510100545 required a 2.5-fold dilution.**
B655-INF-2	**10/10/2025**	**For SW-846 Method 8260C, 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	**10/10/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (34.8 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2515137-03) for analytical batch 898168. Groundwater data are affected by this method blank contamination are flagged.**
B655-INF-2	**10/10/2025**	**For Low Level SW-846 Method 8260D, Silane, methoxytrimethyl- (1.1 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510100546.**
B655-INF-2	**10/10/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (490 ug/L and 87 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510100545.**
BLM-6-488	**10/10/2025**	**For SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510101001A) at 6.6 ug/L.**
BLM-6-488	**10/10/2025**	**For SW-846 Method 8260C, CFC 123a (0.21 ug/L) in sample 2510101000A 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
BLM-6-488	**10/10/2025**	**For SW-846 Method 8260C, Sulfur Dioxide (6.1 ug/L and 6.6 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510101000A and in field blank sample 2510101001A.**
BLM-6-488	10/10/2025	For Low Level SW-846 Method 8260C, 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-6-488	**10/10/2025**	**For Low Level SW-846 Method 8260C, 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-6-488	**10/10/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (8.9 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514898-03) for analytical batch 897678. Groundwater data are affected by this method blank contamination are flagged.**
BLM-6-488	10/10/2025	For Low Level SW-846 Method 8260C, 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-6-488	**10/10/2025**	**For Low Level SW-846 Method 8260C, EDD file for R2513260 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.**
BLM-14-327	**10/13/2025**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510130906C) at 35.0 ug/L.**
BLM-14-327	**10/13/2025**	**For SW-846 Method 8260C, Carbon Dioxide (5900 ug/L) and Benzene, 1-bromo-3-fluoro- (27 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510130905C.**
BLM-14-327	**10/13/2025**	**For SW-846 Method 8260C, sample 2510130905C required 10-fold dilution. The reporting limits are adjusted to reflect the dilution.**
BLM-14-327	**10/13/2025**	**For SW-846 Method 8260C, Carbon Dioxide (35 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510130906C.**
BLM-14-327	**10/13/2025**	**For SW-846 Method 8260C, PCE (2.2 ug/L) in sample 2510130905C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-14-327	10/13/2025	For SW-846 Method 8260C, 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-14-327	**10/13/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (34.8 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2515137-03) for analytical batch 898168. Groundwater data are affected by this method blank contamination are flagged.**
BLM-14-327	**10/13/2025**	**For Low Level SW-846 Method 8260D, Carbon Dioxide (5900 ug/L and 35 ug/L) is an estimated value and tentatively identified by a GC/MS library search in samples 2510130905C and 2510130906C.**
WW-5-809	**10/13/2025**	**For Low Level SW-846 Method 8260C, L-Cysteine sulfinic acid (6.5 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510130906C.**
WW-5-809	**10/13/2025**	**For Low Level SW-846 Method 8260C, 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
WW-5-809	10/13/2025	For Low Level SW-846 Method 8260C, 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-5-809	10/13/2025	For Low Level SW-846 Method 8260C, 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-5-809	10/13/2025	For Low Level SW-846 Method 8260C, there were no detections in the field blank.
WW-5-809	**10/13/2025**	**For Low Level SW-846 Method 8260C, EDD file for R2513260 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.**
WW-5-909	**10/13/2025**	**For Low Level SW-846 Method 8260C, 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-5-909	10/13/2025	For Low Level SW-846 Method 8260C, 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-5-909	**10/13/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (8.9 ug/L) was tentatively identified by a GC/MS library search in the method blank (RQ2514898-03) for analytical batch 897678. Groundwater data are affected by this method blank contamination are flagged.**
WW-5-909	10/13/2025	For Low Level SW-846 Method 8260C, 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-5-909	**10/13/2025**	**For Low Level SW-846 Method 8260D, Sulfur Dioxide (11 ug/L and 15 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510131119B and field blank sample 2510131120B.**
WW-5-909	**10/13/2025**	**For Low Level SW-846 Method 8260C, EDD file for R2513260 was missing MDLs and revisions were requested from the laboratory. Revised EDDs were received and re-loaded on 1/27/2026. No further action required.**
WW-5-909	**10/13/2025**	**For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510131120B) at 15.0 ug/L.**
200-LV-150	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510141347C) at 51.0 ug/L.**
200-LV-150	**10/14/2025**	**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 2510141347C.**
200-LV-150	**10/14/2025**	**For SW-846 Method 8260C, TCE (0.3 ug/L) in samples 2510141346C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
200-LV-150	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide (90 ug/L) and Trimethylsilyl fluoride (1.5 ug/L) are estimated values and tentatively identified by a GC/MS library search in sample 2510141346C.**
200-LV-150	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide (37 ug/L and 34.8 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2515014-03 and RQ2515137-03) for analytical batches 897910 and 898168. Groundwater data are affected by this method blank contamination are flagged.**
300-C-128	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510141002C) at 35.0 ug/L.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
300-C-128	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide (37 ug/L and 34.8 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2515014-03 and RQ2515137-03) for analytical batches 897910 and 898168. Groundwater data are affected by this method blank contamination are flagged.**
300-C-128	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide (410 ug/L) and CFC 11 (260 ug/L) in sample 2510141001C required a 2.5-fold dilution.**
300-C-128	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide (410 ug/L and 35 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510141001C and field balnk sample 2510141002C.**
300-C-128	10/14/2025	For SW-846 Method 8260C, 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.
300-C-128	10/14/2025	For SW-846 Method 8260C, 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.
300-C-128	**10/14/2025**	**For SW-846 Method 8260C, 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-C-128	**10/14/2025**	**For SW-846 Method 8260C, CFC 21 (0.36 ug/L) in sample 2510141001C is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
600A-004-GW	**10/14/2025**	**For SW-846 Method 8260C, Carbamic acid, monoammonium salt was detected in the field blank (2510141306B) at 48.0 ug/L.**
600A-004-GW	**10/14/2025**	**For SW-846 Method 8260C, Carbamic acid, monoammonium salt (48 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510141306B.**
600A-004-GW	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide (37 ug/L and 34.8 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2515014-03 and RQ2515137-03) for analytical batches 897910 and 898168. Groundwater data are affected by this method blank contamination are flagged.**
600A-004-GW	**10/14/2025**	**For SW-846 Method 8260C, Carbon Dioxide (77 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510141001C and field balnk sample 2510141305B.**
600A-004-GW	**10/14/2025**	**For SW-846 Method 8260C, multiple analyte results in sample 2510141305B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-40-595	**10/14/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510140951A) at 38.0 ug/L.**
BLM-40-595	**10/14/2025**	**For Low Level SW-846 Method 8260C, matrix spike and matrix spike duplicate recoveries for sample 2510140957A for Acrolein (524-506%) was outside method required limits (13-165%). No groundwater data are affected by this QC issue.**
BLM-40-595	**10/14/2025**	**For Low Level SW-846 Method 8260C, Cyclohexane was detected in the trip blank (2510140710A) at 0.37 ug/L. Carbon Dioxide was detected in the trip blank (2510140710A) at 39.0 ug/L. Silane, methoxytrimethyl- was detected in the trip blank (2510140710A) at 1.2 ug/L.**
BLM-40-688	**10/14/2025**	**For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510141426A) at 47.0 ug/L.**
400-FV-131	**10/15/2025**	**For SW-846 Method 8260C, Carbon Dioxide (37 ug/L and 34.8 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2515014-03 and RQ2515137-03) for analytical batches 897910 and 898168. Groundwater data are affected by this method blank contamination are flagged.**

Well ID	Event Date	SW-846 Method 8260 QA Narratives
400-FV-131	10/15/2025	For SW-846 Method 8260C, Carbamic acid, monoammonium salt was detected in the field blank (2510151402C) at 49.0 ug/L.
400-IV-123	10/15/2025	For SW-846 Method 8260C, Carbon Dioxide (37 ug/L and 34.8 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2515014-03 and RQ2515137-03) for analytical batches 897910 and 898168. Groundwater data are affected by this method blank contamination are flagged.
400-IV-123	10/15/2025	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510150922C) at 49.0 ug/L.
600-G-138	10/15/2025	For SW-846 Method 8260C, Carbon Dioxide (37 ug/L and 34.8 ug/L) was tentatively identified by a GC/MS library search in the method blanks (RQ2515014-03 and RQ2515137-03) for analytical batches 897910 and 898168. Groundwater data are affected by this method blank contamination are flagged.
600-G-138	10/15/2025	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510150952B) at 40.0 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2510150952B) at 1.4 ug/L. Methane, trimethoxy- was detected in the field blank (2510150952B) at 1.6 ug/L.
BLM-41-420	10/15/2025	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510150936A) at 50.0 ug/L.
BLM-41-670	10/15/2025	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510151353A) at 47.0 ug/L.
100-001-GW	10/16/2025	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510160932B) at 47.0 ug/L.
100-001-GW	10/16/2025	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2510160930B and 2510160931B were within control limits or below the calculable range.
400-HV-147	10/16/2025	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510161402C) at 49.0 ug/L. Glycine, methyl ester was detected in the field blank (2510161402C) at 1.9 ug/L. Silanol, trimethyl- was detected in the field blank (2510161402C) at 2.4 ug/L.
400-HV-147	10/16/2025	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2510161401C and 2510161403C were within control limits or below the calculable range.
400-HV-147	10/16/2025	For SW-846 Method 8260C in blind control sample (2510161430C), the percent recovery for 1,1,2-Trichloro-1,2,2-trifluoroethane (60.0%) was outside of the standard limits (75.0-125.0%), the percent recovery for Trichlorofluoromethane (43.5%) was outside of the standard limits (75.0-125.0%).
600C-005-GW	10/16/2025	For SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510161401B) at 44.0 ug/L.
JP-1-424	10/16/2025	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the trip blank (2510160710A) at 37.0 ug/L.
JP-1-424	10/16/2025	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510160936A) at 47.0 ug/L. Sulfur Dioxide was detected in the field blank (2510160936A) at 1.3 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2510160936A) at 1.0 ug/L.
JP-2-447	10/16/2025	For Low Level SW-846 Method 8260C, Carbon Dioxide was detected in the field blank (2510161433A) at 37.0 ug/L.
BLM-10-517	10/20/2025	For Low Level SW-846 Method 8260C, 1-Hexanol, 2-ethyl- was detected in the trip blank (2510200715A) at 0.34 ug/L. Benzene, 1-chloro-3-(chloromethyl)- was detected in the trip blank (2510200715A) at 0.26 ug/L.
BLM-10-517	10/20/2025	For Low Level SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510201336A) at 0.64 ug/L. 1-Butanol, 2-methyl- was detected in the field blank (2510201336A) at 0.36 ug/L.
BW-3-180	10/20/2025	For SW-846 Method 8260, sample 2510201035C is incorrectly reported as sample "251020105C" and "2010201351" 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	SW-846 Method 8260 QA Narratives
BW-3-180	10/20/2025	For SW-846 Method 8260C, relative percent differences (RPD) for duplicate samples 2510201035C and 2510201036C were within control limits or below the calculable range.
BW-3-180	10/20/2025	For SW-846 Method 8260C, 1-Hexanol, 2-ethyl- was detected in the field blank (2510201037C) at 0.58 ug/L.
PFE-2	10/20/2025	For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the field blank (2510201257) at 0.4 ug/L.
PFE-2	10/20/2025	For SW-846 Method 8260C, Cyclotetrasiloxane, octamethyl- was detected in the field blank (2510201257) at 0.4 ug/L.
PFE-4A	10/20/2025	For SW-846 Method 8260C, Sulfur Dioxide was detected in the field blank (2510201351) at 0.4 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2510201351) at 4.8 ug/L. Silanol, trimethyl- was detected in the field blank (2510201351) at 1.7 ug/L.
PFE-4A	10/20/2025	For SW-846 Method 8260, samples 2510201350 and 2510201351 are incorrectly reported as samples "2010201350" and "2010201351" in the logbook, analytical report, and the associated EDD file due to a technician error. The sample ID was corrected in the EDD file to match the chain of custody and the logbook accordingly. No further action taken.
PFE-5	10/20/2025	For SW-846 Method 8260C, field duplicate samples 2510201235 and 2510201236 the relative percent difference for Silane, methoxytrimethyl- was 74.3%. This value is outside the upper acceptance limit for relative percent difference of 25%.
PFE-5	10/20/2025	For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2510201237) at 2.2 ug/L. Silanol, trimethyl- was detected in the field blank (2510201237) at 0.83 ug/L.
PFE-7	10/20/2025	For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2510201316) at 0.4 ug/L.
PFE-1	10/21/2025	For SW-846 Method 8260C, 2-Butanone (MEK) was detected in the field blank (2510210906) at 0.82 ug/L. Sulfur Dioxide was detected in the field blank (2510210906) at 0.47 ug/L. 1-Hexanol, 2-ethyl- was detected in the field blank (2510210906) at 0.53 ug/L. Silane, methoxytrimethyl- was detected in the field blank (2510210906) at 0.47 ug/L.
PFE-3	10/21/2025	For SW-846 Method 8260C, Silane, methoxytrimethyl- was detected in the field blank (2510210959) at 3.5 ug/L.

Well ID	Event Date	Modified EPA Method 607 QA Narratives
ST-7-544	10/1/2025	For Modified EPA Method 607, Bromacil (0.006 ug/L) in sample 2510011138B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
ST-7-544	10/1/2025	For Low Level Modified EPA Method 607, Laboratory water blank (PB) was extracted and analyzed with every extraction batch. Amount of Internal standard was double spiked into PB25K07CM1 based on 1 mL final volume instead of the new 0.5 mL final volume.
ST-7-779	10/1/2025	For Modified EPA Method 607, Laboratory water blank (PB) was extracted and analyzed with every extraction batch. Amount of Internal standard was double spiked into PB25K07CM1 based on 1 mL final volume instead of the new 0.5 mL final volume.
ST-7-970	10/1/2025	For Modified EPA Method 607, Laboratory water blank (PB) was extracted and analyzed with every extraction batch. Amount of Internal standard was double spiked into PB25K07CM1 based on 1 mL final volume instead of the new 0.5 mL final volume.
JER-1-483	10/2/2025	For Modified EPA Method 607, Laboratory water blank (PB) was extracted and analyzed with every extraction batch. Amount of Internal standard was double spiked into PB25K07CM1 based on 1 mL final volume instead of the new 0.5 mL final volume.
JER-1-563	10/2/2025	For Modified EPA Method 607, Laboratory water blank (PB) was extracted and analyzed with every extraction batch. Amount of Internal standard was double spiked into PB25K07CM1 based on 1 mL final volume instead of the new 0.5 mL final volume.

Well ID	Event Date	Modified EPA Method 607 QA Narratives
JER-1-683	**10/2/2025**	**For Modified EPA Method 607, Laboratory water blank (PB) was extracted and analyzed with every extraction batch. Amount of Internal standard was double spiked into PB25K07CM1 based on 1 mL final volume instead of the new 0.5 mL final volume.**
BLM-39-385	10/9/2025	For Modified EPA Method 607, there were no detections in the equipment blank.
B650-INF-1	**10/10/2025**	**For Modified EPA Method 607, Bromacil (0.007 ug/L) in sample 2510100632 is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
B655-INF-2	**10/10/2025**	**For Modified EPA Method 607, surrogate recovery of N-nitroso-di-n-propylamine-d14 (167%) was outside laboratory control limits (40-160%) for sample 2510100547. Surrogate data are appropriately qualified.**
BLM-14-327	**10/13/2025**	**For Modified EPA Method 607, field duplicate samples 2510130907C and 2510130908C the relative percent difference for Bromacil was 27.3%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
BLM-14-327	**10/13/2025**	**For Modified EPA Method 607, surrogate recovery of N-nitroso-di-n-propylamine-d14 (174%) was outside laboratory control limits (40-160%) for sample 2510130908C. Surrogate data are appropriately qualified.**
200-LV-150	**10/14/2025**	**For Modified EPA Method 607, Bromacil was detected in the field blank (2510141349C) at 0.01 ug/L.**
600A-004-GW	**10/14/2025**	**For Modified EPA Method 607, origianl result for bromacil in sample 2510141307B exceeded the callibration curve and is rejected due to sample dilution 20-fold for reanalysis. Diluted bromacil (6.96 ug/L) sample is retained. Undiluted NDMA and DMN results are retained.**
BLM-40-688	**10/14/2025**	**For Modified EPA Method 607, matrix spike recoveries for sample 2510141428A were within laboratory control limits.**
400-FV-131	**10/15/2025**	**For Modified EPA Method 607, relative percent differences (RPD) for duplicate samples 2510151403C and 2510151404C were within control limits or below the calculable range.**
400-HV-147	**10/16/2025**	**For Modified EPA Method 607 in blind control sample (2510161431C), the percent recovery for Bromacil (36.0%) was outside of the standard limits (50.0-190.0%).**
PFE-4A	**10/20/2025**	**For Modified EPA Method 607, due to an incorrect entry into the computer logbook, the sample ID number where entered in as "2010201354", the correct sample ID number is "2510201354". The database was corrected to match the chain of custody and laboratory report. No further action taken.**
PFE-5	**10/20/2025**	**For Modified EPA Method 607, field duplicate samples 2510201238 and 2510201239 the relative percent difference for N-Nitrosodimethylamine was 24.0% and N-Nitrodimethylamine was 22.2%. Upper acceptance limit for relative percent difference is 25%. The relative percent differences (RPD) for duplicate samples were within control limits or below the calculable range.**
ST-7-544	**10/1/2025**	**For Modified EPA Method 607, Bromacil (0.006 ug/L) in sample 2510011138B 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-6-725	10/1/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PL-6-725	**10/1/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2510010913Y) at 0.97 ng/L.**
PL-6-725	**10/1/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (135%). NDMA was detected in the blank at a concentration below the MDL and is not reported or subtracted from the LFB. However, if that concentration were subtracted from the LFB, it would be within the acceptance limits. The effect on the data is minimal.**
PL-6-725	**10/1/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (135%). However, the amount of NDMA detected in the blank fell below the MDL and was not reported. If that amount had been subtracted from the**

Well ID	Event Date	Low-Level Nitrosamine Method QA Narratives
		LFB, it would have been within the acceptance range. This could indicate a possible high bias for samples with NDMA concentrations near the LFB spike level.
ST-7-544	10/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-7-544	**10/1/2025**	**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 field blank sample 2510011210B. Affected data are appropriately qualified.**
ST-7-544	**10/1/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (135%). NDMA was detected in the blank at a concentration below the MDL and is not reported or subtracted from the LFB. However, if that concentration were subtracted from the LFB, it would be within the acceptance limits. The effect on the data is minimal.**
ST-7-779	10/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-7-779	**10/1/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (135%). NDMA was detected in the blank at a concentration below the MDL and is not reported or subtracted from the LFB. However, if that concentration were subtracted from the LFB, it would be within the acceptance limits. The effect on the data is minimal.**
ST-7-779	**10/1/2025**	**For Low Level Nitrosamine Method, NDMA (0.48 ng/L) in field blank sample 2510011225B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-970	10/1/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
ST-7-970	**10/1/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (135%). NDMA was detected in the blank at a concentration below the MDL and is not reported or subtracted from the LFB. However, if that concentration were subtracted from the LFB, it would be within the acceptance limits. The effect on the data is minimal.**
JER-1-483	10/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
JER-1-563	10/2/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-10-592	**10/2/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2510021326Y) at 0.7 ng/L.**
PL-6-545	**10/2/2025**	**For Low Level Nitrosamine Method, internal standard recoveries were outside the acceptance limits (10-100%) for NDMA-d6 (9.90%). NDMA was detected in the sample 2510020902Y. There is little impact to the data.**
PL-6-545	**10/2/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2510011447Y) at 2.51 ng/L.**
PL-6-545	**10/2/2025**	**For Low Level Nitrosamine Method, the LFB was above the acceptance limits of 70-130% for NDMA (135%). NDMA was detected in the blank at a concentration below the MDL and is not reported or subtracted from the LFB. However, if that concentration were subtracted from the LFB, it would be within the acceptance limits. The effect on the data is minimal.**
JER-2-504	10/6/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
JER-2-504	**10/6/2025**	**For Low Level Nitrosamine Method, field duplicate samples 2510061154B and 2510061155B the relative percent difference for N-Nitrosodimethylamine was 97.1%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
JER-2-504	10/6/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
JER-2-584	10/6/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PL-10-484	10/6/2025	For Low Level Nitrosamine Method, sample "2510061301Y" for PL-10-484 is incorrectly reported as sample "2510061331Y" in the analytical report and the associated EDD file due to a technician error in the field. The sample ID was corrected in the EDD to match the the logbook accordingly. No further action taken.
PL-10-484	**10/6/2025**	**For Low Level Nitrosamine Method, NDMA (0.4 ng/L) in equipment blank sample 2510061001Y 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-10-484	**10/6/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the equipment blank (2510061001Y) at 0.4 ng/L.**
JER-2-684	10/7/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-5-459	10/8/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
WW-5-459	10/8/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-5-579	10/8/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2510081204B and 2510081205B were within control limits or below the calculable range.
WW-5-579	10/8/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
JP-3-509	10/9/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
JP-3-509	10/9/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
JP-3-689	10/9/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
B650-EFF-1	10/10/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
B655-EFF-2	**10/10/2025**	**For Low Level Nitrosamine Method, N-Nitrosodimethylamine was detected in the field blank (2510100530) at 0.5 ng/L.**
BLM-6-488	10/10/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-5-809	10/13/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
WW-5-909	10/13/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-40-595	10/14/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
BLM-40-595	10/14/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-40-595	10/14/2025	For Low Level Nitrosamine Method, matrix spike recoveries for sample 2510140954A were within laboratory control limits.
BLM-40-688	10/14/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-41-420	10/15/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-41-420	10/15/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2510150938A and 2510150939A were within control limits or below the calculable range.
BLM-41-670	10/15/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-41-670	**10/15/2025**	**For Low Level Nitrosamine Method in blind control sample (2510151430A), N-nitrodimethylamine (0.5 ng/L) but none was added.**
JP-1-424	10/16/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
JP-1-424	10/16/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
JP-2-447	10/16/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-10-517	10/20/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
BLM-10-517	10/20/2025	For Low Level Nitrosamine Method, there were no detections in the trip blank.
PFE-4A	10/20/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PFE-7	10/20/2025	For Low Level Nitrosamine Method, there were no detections in the field blank.
PFE-7	10/20/2025	For Low Level Nitrosamine Method, relative percent differences (RPD) for duplicate samples 2510201318 and 2510201319 were within control limits or below the calculable range.

Well ID	Event Date	SW-846 Method 8270D QA Narratives
JER-1-683	**10/2/2025**	**For SW-846 Method 8270E SIM, sample 2510021342B is incorrectly reported as sample "2510021342BB" 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.**
B650-INF-1	**10/10/2025**	**For SW-846 Method 8270E SIM, 1,4-Dioxane (0.036 ug/L) in sample 2510100633 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 8270D QA Narratives
WW-5-809	10/13/2025	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.
WW-5-809	10/13/2025	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.
WW-5-809	**10/13/2025**	**For SW-846 Method 8270E, the control limit was exceeded for one or more surrogates in the Continuing Calibration Verification (CCV). The surrogates were within acceptance limits for the associated field samples. The data quality was not significantly affected and no further corrective action was taken.**
WW-5-809	**10/13/2025**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2514768-01) for analytical batch 466121. Groundwater data are affected by this method blank contamination are flagged.**
WW-5-809	**10/13/2025**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2510131133B.**
WW-5-909	**10/13/2025**	**For SW-846 Method 8270E, the control limit was exceeded for one or more surrogates in the Continuing Calibration Verification (CCV). The surrogates were within acceptance limits for the associated field samples. The data quality was not significantly affected and no further corrective action was taken.**
WW-5-909	10/13/2025	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.
WW-5-909	**10/13/2025**	**For SW-846 Method 8270E, multiple analytes were tentatively identified by a GC/MS library search in the method blank (RQ2514768-01) for analytical batch 466121. Groundwater data are affected by this method blank contamination are flagged.**
WW-5-909	**10/13/2025**	**For SW-846 Method 8270E, multiple analyte results are estimated values and tentatively identified by a GC/MS library search in sample 2510131143B.**
WW-5-909	10/13/2025	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
ST-7-544	**10/1/2025**	**For Total Metals, multiple analyte results in samples 2510011255B and 2510011256B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-544	10/1/2025	For Total Metals, the upper control limit was exceeded for Thallium 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	**10/1/2025**	**For Total Metals, field duplicate samples 2510011255B and 2510011256B the relative percent difference for Zinc, Total was 138.5%. This value is outside the upper acceptance limit for relative percent difference of 25%.**
ST-7-779	10/1/2025	For Total Metals, the upper control limit was exceeded for Thallium 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	Total Metals QA Narratives
ST-7-779	**10/1/2025**	**For Total Metals, multiple analyte results in sample 2510011310B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-970	**10/1/2025**	**For Total Metals, multiple analyte results in sample 2510011325B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
ST-7-970	10/1/2025	For Total Metals, the upper control limit was exceeded for Thallium 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	**10/2/2025**	**For Total Metals, multiple analyte results in sample 2510021400B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-483	10/2/2025	For Total Metals, the upper control limit was exceeded for Thallium 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	10/2/2025	For Total Metals, the upper control limit was exceeded for Thallium 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	**10/2/2025**	**For Total Metals, multiple analyte results in sample 2510021415B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-683	10/2/2025	For Total Metals, the upper control limit was exceeded for Thallium 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	**10/2/2025**	**For Total Metals, multiple analyte results in sample 2510021431B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-683	10/2/2025	For Total Metals, matrix spike recoveries for sample 2510021432B were within laboratory control limits.
JER-2-504	**10/6/2025**	**For Total Metals, multiple analyte results in sample 2510061222B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JER-2-584	**10/6/2025**	**For Total Metals, multiple analyte results in sample 2510061242B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
JER-2-684	**10/7/2025**	**For Total Metals, multiple analyte results in sample 2510071147B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WW-5-459	**10/8/2025**	**For Total Metals, multiple analyte results in sample 2510081215B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WW-5-579	**10/8/2025**	**For Total Metals, multiple analyte results in sample 2510081236B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WW-5-809	**10/13/2025**	**For Total Metals, multiple analyte results in sample 2510131133B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
WW-5-909	**10/13/2025**	**For Total Metals, multiple analyte results in sample 2510131145B are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
200-LV-150	**10/14/2025**	**For Total Metals, Barium, Total was detected in the field blank (2510141351C) at 0.029 mg/L. Boron, Total was detected in the field blank (2510141351C) at 0.15 mg/L. Calcium, Total was detected in the field blank (2510141351C) at 24.8 mg/L. Magnesium, Total was detected in the field blank (2510141351C) at 5.5 mg/L. Manganese, Total was detected in the field blank (2510141351C) at 0.008 mg/L. Molybdenum, Total was detected in the field blank (2510141351C) at 0.113 mg/L. Nickel, Total was detected in the field blank (2510141351C) at 0.054 mg/L. Potassium, Total was detected in the field blank (2510141351C) at 3.2 mg/L. Sodium, Total was detected in the field blank (2510141351C) at 130.0 mg/L. Strontium, Total was detected in the field blank**

Well ID	Event Date	Total Metals QA Narratives
		(2510141351C) at 0.74 mg/L. Vanadium, Total was detected in the field blank (2510141351C) at 0.009 mg/L. Zinc, Total was detected in the field blank (2510141351C) at 0.64 mg/L.
200-LV-150	**10/14/2025**	**For Total Metals, multiple analyte results in sample 2510141350C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
300-C-128	**10/14/2025**	**For Total Metals, multiple analyte results in sample 2510141004C are estimated values less than the quantitation limit, but greater than or equal to the detection limit.**
BLM-40-595	10/14/2025	For Total Metals, sample 2510140956A is incorrectly reported as "2510140945A" 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.
400-FV-131	10/15/2025	For Total Metals, there were no detections in the field blank.
100-001-GW	10/16/2025	For Total Metals, relative percent differences (RPD) for duplicate samples 2510160935B and 2510160936B were within control limits or below the calculable range.
400-HV-147	**10/16/2025**	**For Total Metals in blind control sample (2510161432C), 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
PL-6-725	10/1/2025	PPE used: gloves, safety glasses and hard hat.
ST-7-544	10/1/2025	PPE used/required at this well: gloves and safety sunglasses
ST-7-779	10/1/2025	PPE used/required at this well: gloves and safety sunglasses.
ST-7-970	10/1/2025	PPE used/required at this well; gloves and safety sunglasses.
JER-1-483	10/2/2025	PPE used/required at this well: gloves and safety sunglasses.
JER-1-563	10/2/2025	PPE used/required at this well: gloves and safety sunglasses.
JER-1-683	**10/2/2025**	**For EPA Method 353.2, Nitrate+Nitrite as Nitrogen (0.031 mg/L) in sample 2510021436B is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.**
JER-1-683	**10/2/2025**	**For SW-846 Method 6850, Perchlorate (0.16 ug/L) is an estimated value and tentatively identified by a GC/MS library search in sample 2510021435B.**
JER-1-683	10/2/2025	For multiple analyses, the sample ID was recorded in the logbook inconsistentently ending in "B" and "C". The external chain of custody, analytical report, EDD files and database records are all recorded with "B". The logbook has been corrected to "B" to match other records accordingly. No further action required.
JER-1-683	10/2/2025	PPE used/required at this well: gloves and safety sunglasses.
PL-10-592	10/2/2025	Probe #4951 not connecting to MSSDAX. Changing probe #1539 to MPSS. Com issue were loose connections.
JER-2-504	10/6/2025	PPE used/required at this well: gloves and safety sunglasses
JER-2-584	10/6/2025	PPE used/required at this well: gloves and safety sunglasses.
JER-2-684	10/7/2025	PPE used/required at this well: gloves and safety glasses.
WW-5-459	10/8/2025	PPE used/required at this well: gloves and safety sunglasses.
JP-3-509	10/9/2025	PPE used/required at this location: gloves and safety sunglasses. Initial packer pressure zero. The packer inside this well is damaged and cannot be inflated.
JP-3-689	10/9/2025	PPE used/required at this location: gloves and safety sunglasses. Initial packer pressure zero. The packer inside this well is damaged and cannot be inflated.
BLM-6-488	10/10/2025	PPE used/required at this location: gloves and safety sunglasses.
BLM-14-327	10/13/2025	No temp was provided on log book for final paramater samples.
WW-5-809	10/13/2025	PPE used/required at this well: gloves and safety glasses.
WW-5-909	10/13/2025	PPE used/required at this well: nitrile gloves & safety glasses.

Well ID	Event Date	Miscellaneous QA Narratives
300-C-128	10/14/2025	For SW-846 Method 6850, sample 2510141007C is incorrectly reported as "2510141007" in the analytical report and the associated EDD file due to a subcontracted 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.
BLM-40-595	10/14/2025	PPE used: nitrile gloves, safety glasses and boots.
BLM-40-688	10/14/2025	PPE used: nitrile gloves, safety glasses and boots.
BLM-41-420	10/15/2025	PPE used: nitrile gloves, safety glasses and boots.
100-001-GW	10/16/2025	PPE used/required at this location: gloves and safety sunglasses.
600C-005-GW	10/16/2025	PPE used/required at this location: gloves and safety sunglasses.
JP-1-424	10/16/2025	PPE used: nitrile gloves, safety glasses and boots.
JP-2-447	10/16/2025	PPE used; nitrile gloves, safety glasses and boots.
BLM-10-517	10/20/2025	PPE used: nitrile gloves, safety glasses and boots.

Table 8 – WSTF Blank Sample Detections

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
PL-6-725	1-Oct-25	Carboy G1	8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	10	ug/L	J TIC EB
PL-6-725	1-Oct-25	Carboy G1	8260_LL	VOA-EB	1066-40-6	Silanol, trimethyl-	3.4	ug/L	J TIC EB
PL-6-725	1-Oct-25	Carboy G1	8260_LL	VOA-EB	9/5/7446	Sulfur Dioxide	2.1	ug/L	J TIC EB
PL-6-725	1-Oct-25	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.97	ng/L	A EB
ST-7-544	1-Oct-25	Carboy G2	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	13	ug/L	J TIC FB
ST-7-544	1-Oct-25	Carboy G2	8260_LL	VOA-FB	1066-40-6	Silanol, trimethyl-	5.9	ug/L	J TIC FB
ST-7-544	1-Oct-25	Carboy G2	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	2.1	ug/L	J TIC FB
ST-7-779	1-Oct-25	Carboy G2	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	9.9	ug/L	J TIC FB
ST-7-779	1-Oct-25	Carboy G2	8260_LL	VOA-FB	1066-40-6	Silanol, trimethyl-	3.3	ug/L	J TIC FB
ST-7-779	1-Oct-25	Carboy G2	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	1.7	ug/L	J TIC FB
ST-7-970	1-Oct-25	Carboy G2	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	6.4	ug/L	J TIC FB
ST-7-970	1-Oct-25	Carboy G2	8260_LL	VOA-FB	1066-40-6	Silanol, trimethyl-	2.5	ug/L	J TIC FB
JER-1-683	2-Oct-25	Carboy G2	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	2.4	ug/L	J TIC
JER-1-683	2-Oct-25	Carboy G2	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	1.9	ug/L	J TIC
PL-10-592	2-Oct-25	Carboy G1	8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	4.3	ug/L	J TIC TB EB
PL-10-592	2-Oct-25	Carboy G1	8260_LL	VOA-TB	1825-61-2	Silane, methoxytrimethyl-	3.1	ug/L	J TIC TB EB
PL-10-592	2-Oct-25	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.7	ng/L	EB
PL-6-545	2-Oct-25	Carboy G1	8260_LL	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	5.3	ug/L	J TIC EB
PL-6-545	2-Oct-25	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	2.51	ng/L	A EB
PL-6-545	2-Oct-25	Carboy G1	8260_LL	VOA-EB	30934-97-5	Glycolaldehyde dimethyl acetal	1.9	ug/L	J TIC EB
JER-2-504	6-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	56	ug/L	J RB TIC TB FB
JER-2-504	6-Oct-25	Carboy G3	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	46	ug/L	J RB TIC TB FB
JER-2-504	6-Oct-25	Carboy G3	8260_LL	VOA-TB	1825-61-2	Silane, methoxytrimethyl-	0.91	ug/L	J TIC TB
JER-2-584	6-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	58	ug/L	J RB TIC FB
JER-2-584	6-Oct-25	Carboy G3	8260_LL	VOA-FB	110-82-7	Cyclohexane	0.59	ug/L	J FB
PL-10-484	6-Oct-25	Carboy G1	8260_LL	VOA-EB	124-38-9	Carbon Dioxide	53	ug/L	J RB TIC EB
PL-10-484	6-Oct-25	Carboy G1	NDMA_LL	NDMA_LL-EB	62-75-9	N-Nitrosodimethylamine	0.4	ng/L	J EB
JER-2-684	7-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	57	ug/L	J RB TIC
JER-2-684	7-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	1.4	ug/L	J TIC

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
WW-5-459	8-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	53	ug/L	J RB TIC TB FB
WW-5-459	8-Oct-25	Carboy G3	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC TB FB
WW-5-459	8-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	0.97	ug/L	J TIC FB
WW-5-579	8-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	46	ug/L	J RB TIC FB
WW-5-579	8-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	0.86	ug/L	J TIC FB
BLM-39-560	9-Oct-25	Carboy G1	8260	VOA-EB	9/5/7446	Sulfur Dioxide	0.72	ug/L	J TIC EB
BLM-39-560	9-Oct-25	Carboy G1	8260	VOA-EB	1825-61-2	Silane, methoxytrimethyl-	0.61	ug/L	J TIC EB
JP-3-509	9-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	9.6	ug/L	J RB TIC TB FB
JP-3-509	9-Oct-25	Carboy G3	8260_LL	VOA-TB	9/5/7446	Sulfur Dioxide	7.1	ug/L	J RB TIC TB FB
JP-3-509	9-Oct-25	Carboy G3	8260_LL	VOA-TB	109-87-5	Methane, dimethoxy-	0.91	ug/L	J TIC TB
JP-3-689	9-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	7.9	ug/L	J RB TIC FB
B650-EFF-1	10-Oct-25	Carboy PF1	8260	VOA-FB	13881-91-9	Aminomethanesulfonic acid	5.7	ug/L	J TIC FB
B650-EFF-1	10-Oct-25	Carboy PF1	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	1.5	ug/L	J TIC FB
B650-INF-1	10-Oct-25	Carboy PF1	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	38	ug/L	J RB TIC FB
B655-EFF-2	10-Oct-25	Carboy PF1	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	4.7	ug/L	J RB TIC FB
B655-EFF-2	10-Oct-25	Carboy PF1	NDMA_LL	NDMA_LL-FB	62-75-9	N-Nitrosodimethylamine	0.5	ng/L	FB
B655-INF-2	10-Oct-25	Carboy PF1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.1	ug/L	J TIC FB
BLM-6-488	10-Oct-25	Carboy G3	8260	VOA-FB	9/5/7446	Sulfur Dioxide	6.6	ug/L	J RB TIC FB
BLM-14-327	13-Oct-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	35	ug/L	J RB TIC FB
WW-5-909	13-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	15	ug/L	J RB TIC FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-23-5	Sodium, Total	130	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	51	ug/L	J RB TIC FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-70-2	Calcium, Total	24.8	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7439-95-4	Magnesium, Total	5.5	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	9/7/7440	Potassium, Total	3.2	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-24-6	Strontium, Total	0.74	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-66-6	Zinc, Total	0.64	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-42-8	Boron, Total	0.15	mg/L	J FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7439-98-7	Molybdenum, Total	0.113	mg/L	FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-02-0	Nickel, Total	0.054	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-39-3	Barium, Total	0.029	mg/L	FB
200-LV-150	14-Oct-25	Carboy G2	607	NDMA-FB	314-40-9	Bromacil	0.01	µg/L	FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7440-62-2	Vanadium, Total	0.009	mg/L	J FB
200-LV-150	14-Oct-25	Carboy G2	METALS	METALS-FB	7439-96-5	Manganese, Total	0.008	mg/L	J FB
300-C-128	14-Oct-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	35	ug/L	J RB TIC FB
600A-004-GW	14-Oct-25		8260	VOA-FB	1111-78-0	Carbamic acid, monoammonium salt	48	ug/L	J TIC FB
BLM-40-595	14-Oct-25	Carboy G3	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	39	ug/L	J RB TIC TB FB
BLM-40-595	14-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	38	ug/L	J RB TIC TB FB
BLM-40-595	14-Oct-25	Carboy G3	8260_LL	VOA-TB	1825-61-2	Silane, methoxytrimethyl-	1.2	ug/L	J TIC TB
BLM-40-595	14-Oct-25	Carboy G3	8260_LL	VOA-TB	110-82-7	Cyclohexane	0.37	ug/L	J TB
BLM-40-688	14-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	47	ug/L	J RB TIC FB
400-FV-131	15-Oct-25	Carboy G2	8260	VOA-FB	1111-78-0	Carbamic acid, monoammonium salt	49	ug/L	J TIC FB
400-IV-123	15-Oct-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC FB
600-G-138	15-Oct-25	Carboy G	8260	VOA-FB	124-38-9	Carbon Dioxide	40	ug/L	J RB TIC FB
600-G-138	15-Oct-25	Carboy G	8260	VOA-FB	149-73-5	Methane, trimethoxy-	1.6	ug/L	J TIC FB
600-G-138	15-Oct-25	Carboy G	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1.4	ug/L	J TIC FB
BLM-41-420	15-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	50	ug/L	J RB TIC FB
BLM-41-670	15-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	47	ug/L	J RB TIC FB
100-001-GW	16-Oct-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	47	ug/L	J RB TIC FB
400-HV-147	16-Oct-25	Carboy G2	8260	VOA-FB	124-38-9	Carbon Dioxide	49	ug/L	J RB TIC FB
400-HV-147	16-Oct-25	Carboy G2	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	2.4	ug/L	J TIC FB
400-HV-147	16-Oct-25	Carboy G2	8260	VOA-FB	616-34-2	Glycine, methyl ester	1.9	ug/L	J TIC FB
600C-005-GW	16-Oct-25	Carboy G3	8260	VOA-FB	124-38-9	Carbon Dioxide	44	ug/L	J RB TIC FB
JP-1-424	16-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	47	ug/L	J RB TIC FB
JP-1-424	16-Oct-25	Carboy G3	8260_LL	VOA-TB	124-38-9	Carbon Dioxide	37	ug/L	J RB TIC TB FB
JP-1-424	16-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	1.3	ug/L	J TIC FB
JP-1-424	16-Oct-25	Carboy G3	8260_LL	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	1	ug/L	J TIC FB
JP-2-447	16-Oct-25	Carboy G3	8260_LL	VOA-FB	124-38-9	Carbon Dioxide	37	ug/L	J RB TIC FB

Well ID	Event Date	Comment	Analysis	Sample Type	CAS No.	Analyte	Result	Units	QA flag
BLM-10-517	20-Oct-25	Carboy G3	8260_LL	VOA-FB	9/5/7446	Sulfur Dioxide	0.64	ug/L	J TIC FB
BLM-10-517	20-Oct-25	Carboy G3	8260_LL	VOA-FB	137-32-6	1-Butanol, 2-methyl-	0.36	ug/L	J TIC FB
BLM-10-517	20-Oct-25	Carboy G3	8260_LL	VOA-TB	104-76-7	1-Hexanol, 2-ethyl-	0.34	ug/L	J TIC TB
BLM-10-517	20-Oct-25	Carboy G3	8260_LL	VOA-TB	620-20-2	Benzene, 1-chloro-3-(chloromethyl)-	0.26	ug/L	J RB TIC TB
BW-3-180	20-Oct-25	Carboy G2	8260	VOA-FB	104-76-7	1-Hexanol, 2-ethyl-	0.58	ug/L	J TIC FB
PFE-2	20-Oct-25	Carboy PF1	8260	VOA-FB	556-67-2	Cyclotetrasiloxane, octamethyl-	0.4	ug/L	J TIC FB FB
PFE-4A	20-Oct-25	Carboy PF1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	4.8	ug/L	J TIC FB
PFE-4A	20-Oct-25	Carboy PF1	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	1.7	ug/L	J TIC FB
PFE-4A	20-Oct-25	Carboy PF1	8260	VOA-FB	9/5/7446	Sulfur Dioxide	0.4	ug/L	J TIC FB
PFE-5	20-Oct-25	Carboy PF1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	2.2	ug/L	J TIC FB
PFE-5	20-Oct-25	Carboy PF1	8260	VOA-FB	1066-40-6	Silanol, trimethyl-	0.83	ug/L	J TIC FB
PFE-7	20-Oct-25	Carboy PF1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	0.4	ug/L	J TIC FB
PFE-1	21-Oct-25	Carboy PF1	8260	VOA-FB	78-93-3	2-Butanone (MEK)	0.82	ug/L	J FB
PFE-1	21-Oct-25	Carboy PF1	8260	VOA-FB	104-76-7	1-Hexanol, 2-ethyl-	0.53	ug/L	J TIC FB
PFE-1	21-Oct-25	Carboy PF1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	0.47	ug/L	J TIC FB
PFE-1	21-Oct-25	Carboy PF1	8260	VOA-FB	9/5/7446	Sulfur Dioxide	0.47	ug/L	J TIC FB
PFE-3	21-Oct-25	Carboy PF1	8260	VOA-FB	1825-61-2	Silane, methoxytrimethyl-	3.5	ug/L	J TIC FB

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 Cleanup Analyte N-Nitrosodimethylamine

Level 0.00491 ug/L (4.91 ng/L) Source GMP

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
300-A-120	9/15/2025	607	2509151425A	N-Nitrosodimethylamine	0.95	µg/L	0.0096	0.0048	65	
300-C-128	10/14/2025	607	2510141003C	N-Nitrosodimethylamine	2.69	µg/L	0.01	0.0051	69	
400-EV-131	8/11/2025	607	2508111032B	N-Nitrosodimethylamine	0.47	µg/L	0.0097	0.0049	52	
400-FV-131	10/15/2025	607	2510151403C	N-Nitrosodimethylamine	0.31	µg/L	0.01	0.0051	69	
400-FV-131	10/15/2025	607	2510151404C	N-Nitrosodimethylamine	0.37	µg/L	0.01	0.0051	69	
400-GV-125	8/18/2025	607	2508181410A	N-Nitrosodimethylamine	0.2	µg/L	0.0098	0.0049	56	
400-GV-125	8/18/2025	607	2508181415A	N-Nitrosodimethylamine	0.21	µg/L	0.0095	0.0048	56	
400-HV-147	10/16/2025	607	2510161404C	N-Nitrosodimethylamine	187.17	µg/L	1	0.51	89	D
400-JV-150	8/19/2025	607	2508191004A	N-Nitrosodimethylamine	1.82	µg/L	0.0097	0.0049	56	
BLM-14-327	10/13/2025	607	2510130907C	N-Nitrosodimethylamine	0.26	µg/L	0.01	0.0052	74	
BLM-14-327	10/13/2025	607	2510130908C	N-Nitrosodimethylamine	0.29	µg/L	0.01	0.0051	74	
BLM-21-400	8/4/2025	607	2508040958A	N-Nitrosodimethylamine	0.26	µg/L	0.0094	0.0047	50	
BLM-23-431	8/7/2025	607	2508071002A	N-Nitrosodimethylamine	0.16	µg/L	0.0095	0.0048	52	
BLM-39-385	10/9/2025	607	2510101022Y	N-Nitrosodimethylamine	2.73	µg/L	0.01	0.0052	74	
BLM-40-595	10/14/2025	NDMA_LL	2510140955A	N-Nitrosodimethylamine	5.05	ng/L	0.48	0.35		A
BLM-5-527	9/17/2025	607	2509170938C	N-Nitrosodimethylamine	0.14	µg/L	0.0096	0.0048	65	
BLM-9-419	9/2/2025	NDMA_LL	2509021438A	N-Nitrosodimethylamine	17.22	ng/L	0.48	0.35		RB
BW-1-268	9/17/2025	607	2509171353C	N-Nitrosodimethylamine	4.12	µg/L	0.0094	0.0047	65	
BW-4-330	9/3/2025	607	2509030937A	N-Nitrosodimethylamine	0.04	µg/L	0.0094	0.0047	65	
NASA 10	9/23/2025	607	2509230904A	N-Nitrosodimethylamine	0.03	µg/L	0.0094	0.0047	79	
NASA 5	9/23/2025	607	2509231422A	N-Nitrosodimethylamine	0.23	µg/L	0.0095	0.0048	79	
PL-2-504	9/16/2025	607	2509161348C	N-Nitrosodimethylamine	0.01	µg/L	0.0096	0.0048	65	
PL-2-504	9/16/2025	NDMA_LL	2509161349C	N-Nitrosodimethylamine	47.3	ng/L	0.5	0.36		RB
ST-5-485	8/13/2025	NDMA_LL	2508131320Y	N-Nitrosodimethylamine	5.47	ng/L	0.47	0.34		EB
WW-2-489	9/15/2025	NDMA_LL	2509150925C	N-Nitrosodimethylamine	5.11	ng/L	0.47	0.34		RB
WW-4-419	8/14/2025	NDMA_LL	2508141304B	N-Nitrosodimethylamine	6.39	ng/L	0.48	0.35		K
WW-4-419	8/14/2025	NDMA_LL	2508141302B	N-Nitrosodimethylamine	7.77	ng/L	0.48	0.35		K
WW-4-848	8/18/2025	NDMA_LL	2508181312B	N-Nitrosodimethylamine	6.84	ng/L	0.48	0.35		A

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
BLM-39-385	10/9/2025	8260	2510101020Y	Tetrachloroethene (PCE)	6.2	ug/L	1.0	0.21		
BLM-39-385	10/9/2025	8260	2510101021Y	Tetrachloroethene (PCE)	6.2	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-JG-110	9/16/2025	8260	2509161318A	Trichloroethene (TCE)	22	ug/L	1.0	0.20		
200-JG-110	9/16/2025	8260	2509161319A	Trichloroethene (TCE)	23	ug/L	1.0	0.20		
200-KV-150	9/17/2025	8260	2509171444A	Trichloroethene (TCE)	12	ug/L	1.0	0.20		
200-KV-150	9/17/2025	8260	2509171446A	Trichloroethene (TCE)	12	ug/L	1.0	0.20		
200-SG-1	9/15/2025	8260	2509151047A	Trichloroethene (TCE)	100	ug/L	1.0	0.20		
600A-004-G	10/14/2025	8260	2510141305B	Trichloroethene (TCE)	25	ug/L	1.0	0.20		
600-G-138	10/15/2025	8260	2510150951B	Trichloroethene (TCE)	33	ug/L	1.0	0.20		
BLM-14-327	10/13/2025	8260	2510130905C	Trichloroethene (TCE)	62	ug/L	10	2.0		D
BLM-21-400	8/4/2025	8260	2508040956A	Trichloroethene (TCE)	74	ug/L	1.0	0.20		
BLM-21-400	8/4/2025	8260	2508040955A	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
BLM-23-431	8/7/2025	8260	2508071000A	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
BLM-39-385	10/9/2025	8260	2510101020Y	Trichloroethene (TCE)	170	ug/L	1.0	0.20		
BLM-39-385	10/9/2025	8260	2510101021Y	Trichloroethene (TCE)	160	ug/L	1.0	0.20		
BLM-39-560	10/9/2025	8260	2510091315Y	Trichloroethene (TCE)	11	ug/L	1.0	0.20		
BLM-5-527	9/17/2025	8260	2509170936C	Trichloroethene (TCE)	43	ug/L	1.0	0.20		
BW-4-330	9/3/2025	8260	2509030935A	Trichloroethene (TCE)	77	ug/L	1.0	0.20		
PL-12-570	8/15/2025	8260	2508151025A	Trichloroethene (TCE)	6.4	ug/L	1.0	0.20		
PL-12-570	8/15/2025	8260	2508151026A	Trichloroethene (TCE)	5.9	ug/L	1.0	0.20		
PL-2-504	9/16/2025	8260	2509161346C	Trichloroethene (TCE)	52	ug/L	1.0	0.20		
ST-7-544	10/1/2025	8260_LL	2510011136B	Trichloroethene (TCE)	7.1	ug/L	0.50	0.20		

Appendix D.2
PFTS

Analytical Results for PFTS and PFE Wells that Exceed Clean Up Levels

CAS Number 62-75-9 Cleanup Analyte N-Nitrosodimethylamine

Level 0.00491 ug/L (4.91 ng/L) Source GMP

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
B650-INF-1	8/18/2025	607	2508181313	N-Nitrosodimethylamine	0.06	µg/L	0.0097	0.0049	56	
B650-INF-1	9/9/2025	607	2509091303	N-Nitrosodimethylamine	0.08	µg/L	0.0096	0.0048	64	
B650-INF-1	10/10/2025	607	2510100632	N-Nitrosodimethylamine	0.07	µg/L	0.01	0.0051	74	
PFE-1	10/21/2025	607	2510210907	N-Nitrosodimethylamine	0.08	µg/L	0.01	0.0051	88	
PFE-2	10/20/2025	607	2510201258	N-Nitrosodimethylamine	0.18	µg/L	0.01	0.0051	88	
PFE-3	10/21/2025	607	2510211000	N-Nitrosodimethylamine	0.09	µg/L	0.01	0.0051	88	
PFE-4A	10/20/2025	NDMA_LL	2510201352	N-Nitrosodimethylamine	19.33	ng/L	0.48	0.35		
PFE-5	10/20/2025	607	2510201239	N-Nitrosodimethylamine	0.28	µg/L	0.01	0.0051	88	
PFE-5	10/20/2025	607	2510201238	N-Nitrosodimethylamine	0.22	µg/L	0.01	0.0051	88	

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	10/10/2025	8260_LL	2510100630	Trichloroethene (TCE)	18	ug/L	1.0	0.20		
B650-INF-1	8/18/2025	8260	2508181311	Trichloroethene (TCE)	15	ug/L	1.0	0.20		
B650-INF-1	9/9/2025	8260	2509091301	Trichloroethene (TCE)	16	ug/L	1.0	0.20		
PFE-1	10/21/2025	8260	2510210905	Trichloroethene (TCE)	6.8	ug/L	1.0	0.20		
PFE-2	10/20/2025	8260	2510201256	Trichloroethene (TCE)	63	ug/L	1.0	0.20		
PFE-3	10/21/2025	8260	2510210958	Trichloroethene (TCE)	28	ug/L	1.0	0.20		
PFE-5	10/20/2025	8260	2510201236	Trichloroethene (TCE)	29	ug/L	1.0	0.20		
PFE-5	10/20/2025	8260	2510201235	Trichloroethene (TCE)	29	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 (4.91 ng/L) **Source** GMP

Well ID	Event Date	Analysis Method	Sample	Constituent	Result	Units	Quant Limit	Det Limit	Xtrct Effic	QA Flag
B655-INF-2	9/10/2025	607	2509101257	N-Nitrosodimethylamine	2.45	µg/L	0.0095	0.0048	64	
B655-INF-2	8/19/2025	607	2508191308	N-Nitrosodimethylamine	2.18	µg/L	0.0096	0.0048	56	
B655-INF-2	10/10/2025	607	2510100547	N-Nitrosodimethylamine	2.6	µg/L	0.01	0.005	74	
MPE-1	8/19/2025	607	2508190832	N-Nitrosodimethylamine	2.57	µg/L	0.0097	0.0049	56	
MPE-10	8/19/2025	607	2508190914	N-Nitrosodimethylamine	2.11	µg/L	0.0096	0.0048	56	
MPE-11	8/19/2025	607	2508190938	N-Nitrosodimethylamine	0.17	µg/L	0.0096	0.0048	56	
MPE-3	8/20/2025	607	2508200902	N-Nitrosodimethylamine	1.93	µg/L	0.0094	0.0047	56	
MPE-4	8/20/2025	607	2508200823	N-Nitrosodimethylamine	1.09	µg/L	0.0095	0.0048	56	
MPE-9	8/19/2025	607	2508190844	N-Nitrosodimethylamine	2.3	µg/L	0.0097	0.0049	56	
MPE-9	8/19/2025	607	2508190843	N-Nitrosodimethylamine	2.61	µg/L	0.0095	0.0048	56	

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	8/19/2025	8260	2508191306	Trichloroethene (TCE)	61	ug/L	1.0	0.20		
B655-INF-2	10/10/2025	8260	2510100545	Trichloroethene (TCE)	60	ug/L	1.0	0.20		
B655-INF-2	9/10/2025	8260	2509101255	Trichloroethene (TCE)	52	ug/L	5.0	1.0		D
MPE-1	8/19/2025	8260	2508190830	Trichloroethene (TCE)	82	ug/L	1.0	0.20		
MPE-10	8/19/2025	8260	2508190912	Trichloroethene (TCE)	58	ug/L	1.0	0.20		
MPE-10	8/19/2025	8260	2508190911	Trichloroethene (TCE)	57	ug/L	1.0	0.20		
MPE-11	8/19/2025	8260	2508190936	Trichloroethene (TCE)	8.4	ug/L	1.0	0.20		
MPE-3	8/20/2025	8260	2508200900	Trichloroethene (TCE)	97	ug/L	1.0	0.20		
MPE-4	8/20/2025	8260	2508200821	Trichloroethene (TCE)	67	ug/L	1.0	0.20		
MPE-9	8/19/2025	8260	2508190841	Trichloroethene (TCE)	96	ug/L	1.0	0.20		

Appendix E
Time Concentration Plots

Concentration trends for four of the primary WSTF COCs (Freon 11, TCE, PCE, and NDMA)

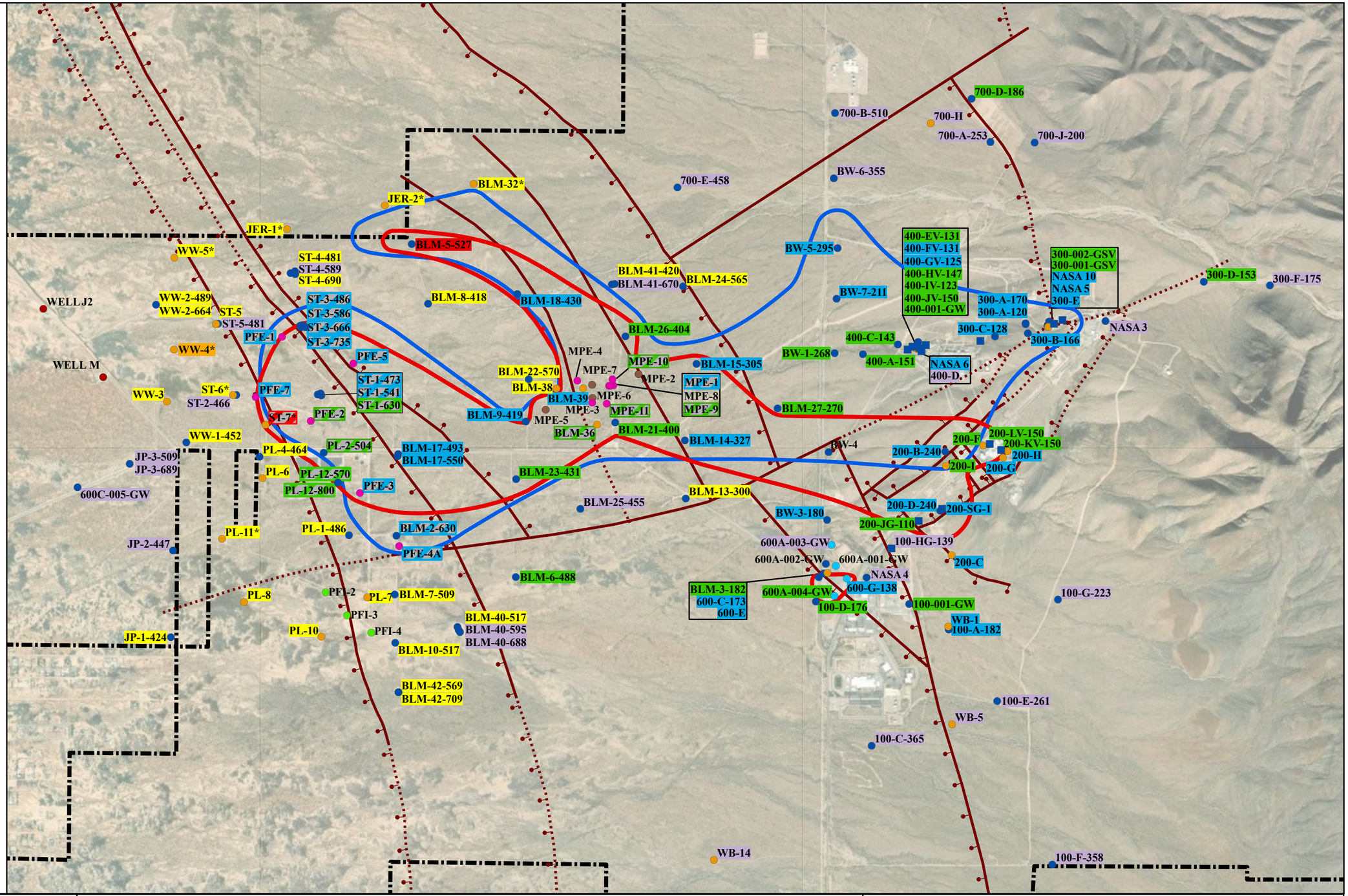
Interpretation Key

- 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

February 2026

Well Type

- Conventional Well
- Injection Well
- Perched Well
- Exploration Well
- Multiport
- Production Well
- Extraction Well
- Piezometer
- MSVGM Well

* Multiport well with FLUTe sampling system.

Other

- NDMA Cleanup Level (4.9 ng/L)
- TCE Cleanup Level (5.0 ug/L)
- WSTF Boundary
- Fault

Time Concentration Plot Interpretations for Fourth Quarter 2025

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

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

G:\Projects\environmental\PMR\2025\4Q2025

Appendix E:

Reporting Period: 4Q/2025

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	2025	0.43 DL	2010	0.21 DL	2025	0.63 DL	2010	0.2 DL	2025	0.005 DL	NP	2024	0.004 DL	NP	2025	0.40 A J	2025	0.34 DL	2025
100-G-223 Conv	2005	Non Detect	0.48 DL	2010	0.24 DL	2025	0.43 DL	2010	0.21 DL	2025	0.63 DL	2010	0.2 DL	2025	0.005 DL	NP	2012	0.004 DL	NP	2025	0.34 DL	2025	0.34 DL	2025
300-F-175 Conv	2005	Non Detect	0.48 DL	2010	0.24 DL	2025	0.43 DL	2010	0.21 DL	2025	0.63 DL	2010	0.2 DL	2025	0.005 DL	NP	2016	0.004 DL	NP	2025	0.34 DL	2025	0.34 DL	2025
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	2024	2.00 DL	1999	0.21 DL	2024	9.60	1999	4.60	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	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	
600A-004-GW Conv	2025	Natural Migration (No Overall Trend)	0.28 J	2025	0.28 J	2025	0.21 DL	2025	0.21 DL	2025	28	2025	25	2025	0.004 DL	NP	2025	0.004 DL	47	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	

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
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	0.38 J	2025	0.3 DL	2018	0.21 DL	2025	130	2012	33	2025	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	0.41 J	2024	2.50 RL	1995	0.21 DL	2024	41	1991	20	2024	0.05 RL	NP	1997	0.004 DL	NP	2024	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	4.10 QD	2024	2.50 RL	1996	0.21 DL	2024	4.80	2004	1.40	2024	0.05 RL	NP	1997	0.005 DL	NP	2024	N/A		N/A	
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	0.42 J	2024	2.00 DL	1999	0.61 J	2024	35	2019	34	2024	0.042	47	2024	0.004 DL	NP	2024	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

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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-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	0.45 J	2025	46	24	1990	1.60	61	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	
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	6.10	41	2025	N/A		N/A	
400-A-151 Conv	1989	Natural Migration (No Overall Trend)	450	1990	190	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.92 J	2025	280	18	1991	13	39	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
400-C-143 Conv	1989	Natural Migration (No Overall Trend)	1600	1989	270 D	2024	2.50 RL	1996	0.21 DL	2024	2.50 RL	1996	1.30	2024	93	15	1989	5.90	47	2024	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 (No Overall Trend)	240	2021	83 Q	2025	0.3 DL	2018	0.21 DL	2025	2.00	2017	0.26 J	2025	320 D	53	2021	280 D	61	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	84	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.53 J	2025	1.90	49	1997	0.004 DL	NP	2025	N/A		N/A	
BW-7-211 Conv	1989	Natural Migration (Decreasing)	2400	1991	130	2025	2.50 RL	1995	0.21 DL	2025	13	1989	1.70	2025	17	34	1994	1.60	50	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	190 D	2024	2.50 RL	1996	0.21 DL	2024	5.00	1990	0.42 J	2024	95	21	1996	47 D	52	2024	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	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	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	0.004 DL	NP	2024	0.78 A FB	2025	0.78 A 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	0.70 RB FB	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
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	0.35 DL	2025
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	2025	0.62 DL	2004	0.21 DL	2025	0.72	2011	0.2 DL	2025	0.014 J	41	2005	0.005 DL	NP	2025	360	2009	1.04	2025
JER-2 WestBay	2004	Low-Level NDMA (<4.9 ng/L)	0.6 DL	2004	0.24 DL	2025	0.62 DL	2004	0.21 DL	2025	0.63 DL	2010	0.2 DL	2025	0.016 J	43	2005	0.005 DL	NP	2025	290 Q D	2006	1.82 Q D	2025

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	

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
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	0.34 DL	2025	0.34 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	2025	2.50 RL	1996	0.21 DL	2025	14	1999	1.90	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	45 FB	2001	1.60	2025
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	2.30	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	65	2025	2.50 RL	1996	0.35 J	2025	30	2023	6.00	2025	150 A	8	1989	15 D	61	2025	N/A		N/A	
BLM-18-430 Conv	1989	Natural Migration (Decreasing)	120 QD	2005	16	2025	2.50 RL	1996	0.49 J	2025	58	2009	14	2025	0.15 QD	31	2009	0.025	40	2025	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	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	0.75	44	2025	0.75	44	2025	0.85 A K RB TB FB	2025	0.85 A K RB TB FB	2025

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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-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	67	2025	2.50 RL	1996	0.63 J	2025	28	2008	22	2025	1.20	50	1991	0.26 QD	54	2025	N/A		N/A	
BLM-27-270 Conv	1991	Natural Migration (No Overall Trend)	530	2023	420 D	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	1.20	2025	13	41	2006	3.50	61	2025	N/A		N/A	
BLM-36 WestBay	2000	Pumping Related Migration (No Overall Trend)	98	2011	24	2025	4.40	2011	2.60	2025	97	2008	59	2025	2.00	43	2007	0.63	54	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	1.07 A RB TB EB	2025	1.07 A RB TB 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	0.31 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	1.06 A RB FB	2025
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	83	2025	20	1990	3.50	2025	390	1991	87	2025	8.10	16	1995	0.62	40	2025	N/A		N/A	
BLM-2-630 Conv	1988	Pumping Related Migration (Decreasing)	470 QD	1988	0.24 DL	2025	8.00	1991	0.21 DL	2025	310 QD	1988	0.34 J	2025	1.30	31	2002	0.004 DL	NP	2024	1.04 A K RB TB FB	2025	1.04 A K RB TB FB	2025

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-12-570 Conv	2020	Pumping Related Migration (No Overall Trend)	17	2020	6.00 A	2025	0.46 J	2020	0.21 DL	2025	20	2020	6.40	2025	0.005 DL	NP	2023	0.004 DL	NP	2025	34 RB A * TB FB	2023	0.68	2025
PL-12-800 Conv	2020	Pumping Related Migration (No Overall Trend)	14	2020	4.50 A	2025	0.24 J	2021	0.21 DL	2025	17	2020	3.70	2025	0.004 DL	NP	2023	0.004 DL	NP	2025	11 QD	2023	1.70 A FB	2025
PL-1-486 Conv	1988	Low-Level NDMA (<4.9 ng/L)	190	1996	0.24 DL	2025	4.60	2004	0.21 DL	2025	180	2004	0.2 DL	2025	0.093	43	2005	0.004 DL	NP	2025	260 QD	2002	260 QD	2002
PL-2-504 Conv	1989	Pumping Related Migration (No Overall Trend)	230	1996	43	2025	2.50 RL	1996	0.9 J	2025	180	2004	52	2025	0.45 QD	58	2021	0.015	65	2025	300 G RB Q	2020	47 RB	2025
ST-1-473 Conv	1989	Pumping Related Migration (Decreasing)	610	1996	45	2025	13	2010	1.20	2025	370	2005	76	2025	1.70	27	2009	0.33	57	2025	N/A		N/A	
ST-1-541 Conv	1992	Pumping Related Migration (Decreasing)	790	1995	170	2025	37	1995	7.80	2025	650	1995	170	2025	4.80 QD	37	2003	3.60	44	2025	N/A		N/A	
ST-1-630 Conv	1992	Pumping Related Migration (No Overall Trend)	410	2006	240 G	2025	19 QD	2007	10	2025	440	2000	310 G	2025	1.90	40	2019	0.36	39	2025	N/A		N/A	
[1]ST-3-486	1991	Pumping Related Migration (Decreasing)	800	1996	10	2025	19	2003	0.21 DL	2025	690	1991	4.00	2025	4.40	45	2011	0.015 J	51	2025	N/A		N/A	
ST-3-586 Conv	1992	Pumping Related Migration (Decreasing)	640 T TB Q	1996	1.10	2025	15	2007	0.21 DL	2025	320	2005	2.30	2025	3.80 QD	37	2003	0.004 DL	NP	2025	N/A		N/A	
ST-3-666 Conv	1992	Pumping Related Migration (Decreasing)	280	2009	3.00 A	2025	15	2009	0.21 DL	2025	320	2009	5.60	2025	3.70	30	2006	0.039	51	2025	N/A		N/A	
ST-3-735 Conv	1992	Pumping Related Migration (Decreasing)	240	2005	8.70	2025	14	2007	0.36 J	2025	320	2005	16	2025	7.80 QD	32	2009	0.4	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	1.19	2025
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	0.58 RB	2025
PL-4-464 Conv	1990	Low-Level NDMA (<4.9 ng/L)	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	0.70 RB TB FB	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	0.80 EB	2025
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	0.38 J	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	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	1.80 FB	2012	0.52 RB TB FB	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	0.34 DL	2025
ST-4-690 Conv	1992	Low-Level NDMA (<4.9 ng/L)	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	1.67 RB FB	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	1.26 RB TB EB	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	0.97 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	7.10	2025	0.005 DL	NP	2013	0.005 DL	NP	2023	3.80 FB	2002	1.85 A K	2025
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	0.42 J RB FB	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	2025	0.24 DL	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	
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	0.44 J RB	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	0.39 J RB TB	2025
JP-1-424 Conv	1988	Low-Level NDMA (<4.9 ng/L)	5.50	2001	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	2.50 RL	1996	0.2 DL	2025	0.061 J	36	1998	0.004 DL	NP	2025	15 RB QD	2004	1.16	2025
JP-2-447 Conv	1988	Non Detect	2.50 RL	1996	0.24 DL	2025	2.50 RL	1996	0.21 DL	2025	4.50	2001	0.2 DL	2025	0.05 RL	NP	1997	0.004 DL	NP	2025	14	2000	0.35 DL	2025
JP-3-509 Conv	2013	Non Detect	0.27 DL	2019	0.24 DL	2025	0.28 DL	2019	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.004 DL	NP	2017	0.004 DL	NP	2025	0.85 * TB	2021	0.35 DL	2025
JP-3-689 Conv	2014	Non Detect	0.27 DL	2019	0.24 DL	2025	0.28 DL	2019	0.21 DL	2025	0.2 DL	2025	0.2 DL	2025	0.005 DL	NP	2014	0.004 DL	NP	2025	1.80 TB FB	2021	0.35 DL	2025
PL-10 WestBay	2002	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2003	0.24 DL	2025	0.62 DL	2004	0.21 DL	2025	0.62 DL	2004	0.2 DL	2025	0.005 DL	NP	2021	0.004 DL	NP	2025	7.30 EB	2024	0.89 EB	2025
PL-11 FLUTe	2017	Low-Level NDMA (<4.9 ng/L)	0.46 J	2024	0.33 J	2025	0.28 DL	2018	0.21 DL	2025	0.36 J	2024	0.21 J	2025	0.005 DL	NP	2025	0.005 DL	NP	2025	58 *	2023	1.97 RB FB	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	1.13 RB EB	2025
WW-2-489 Conv	2013	Low-Level NDMA (<4.9 ng/L)	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	0.62 RB TB FB	2025
WW-2-664 Conv	2013	Low-Level NDMA (<4.9 ng/L)	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	0.61 RB FB	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	2.91 RB EB	2025
WW-4 WestBay	2001	Fluctuating LL NDMA	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	7.77 K	2025
WW-5 WestBay	2001	Low-Level NDMA (<4.9 ng/L)	1.60 DL	2003	0.24 DL	2025	0.62 DL	2004	0.21 DL	2025	0.62 DL	2004	0.2 DL	2025	0.005 DL	NP	2025	0.005 DL	NP	2025	24	2024	3.65	2025

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	4.60	56	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	3.80	56	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	0.3	56	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	4.70	56	2025	N/A		N/A	
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	0.09	88	2025	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	0.2	88	2025	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	0.1	88	2025	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
²PFE-5	2000	Pumping Related Migration (Decreasing)	120	2009	11	2025	7.70	2006	1.20	2025	180	2009	29	2025	2.40	33	2006	0.32	88	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	2.20	2025	2.20	2025

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.

Reporting Period: 4Q/2025

Appendix E: Summary of Maximum Concentrations, Current Concentrations and T-C Plot Interpretations for WSTF Monitoring Well Network

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)

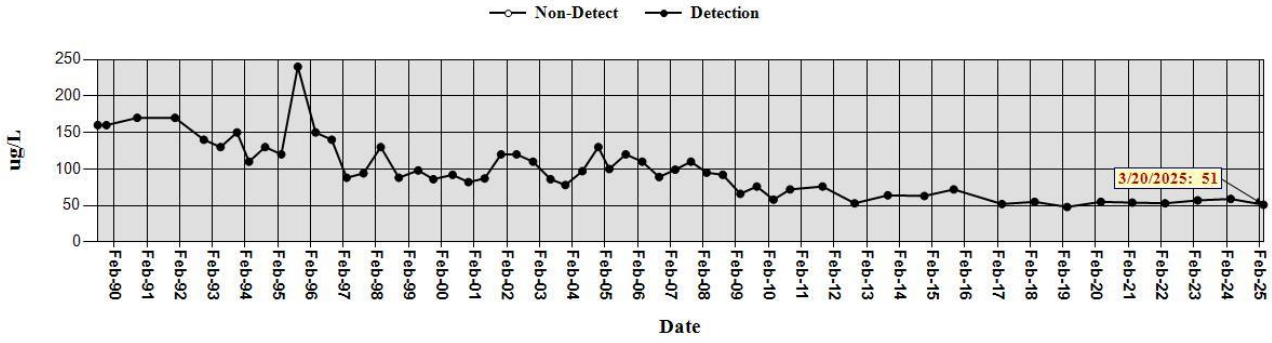
QD = duplicate error.

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.

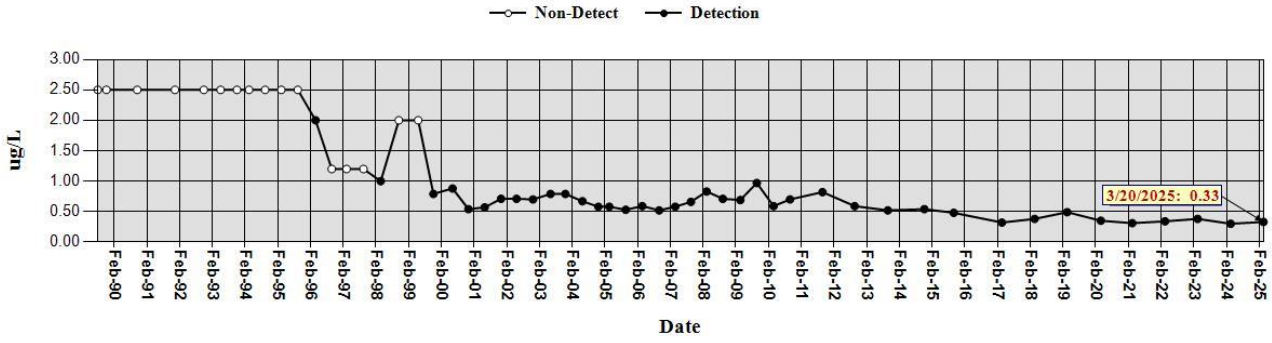
Well ID: 200-D-240
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



Well ID: 200-D-240
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



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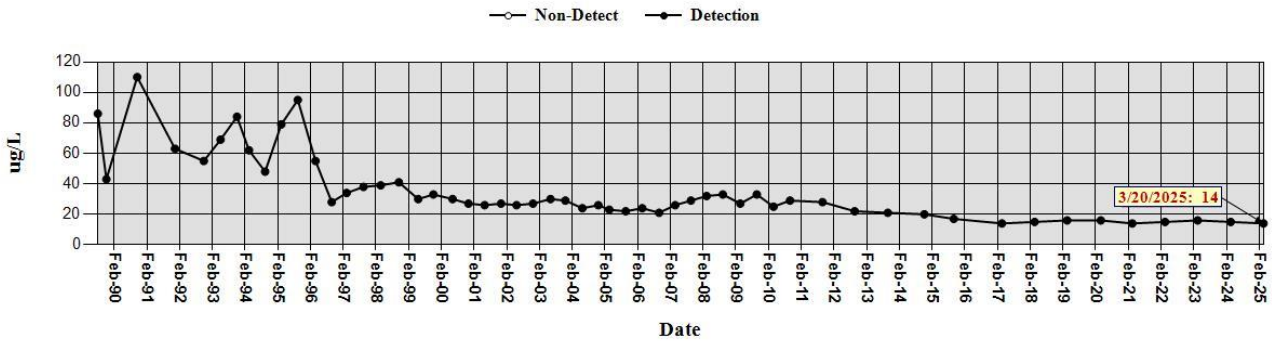
CAS RN: 79-01-6 Trichloroethene

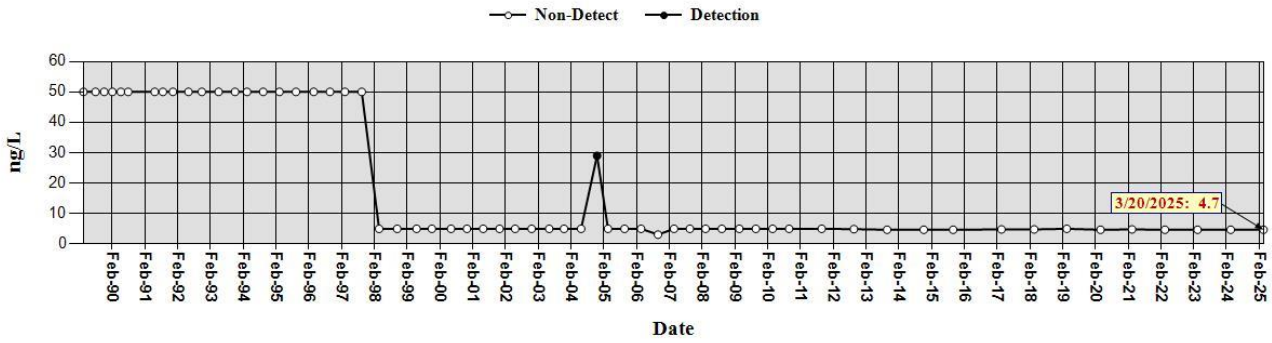
Analysis: 8260



Well ID: 200-D-240
CAS RN: 62-75-9 N-Nitrosodimethylamine

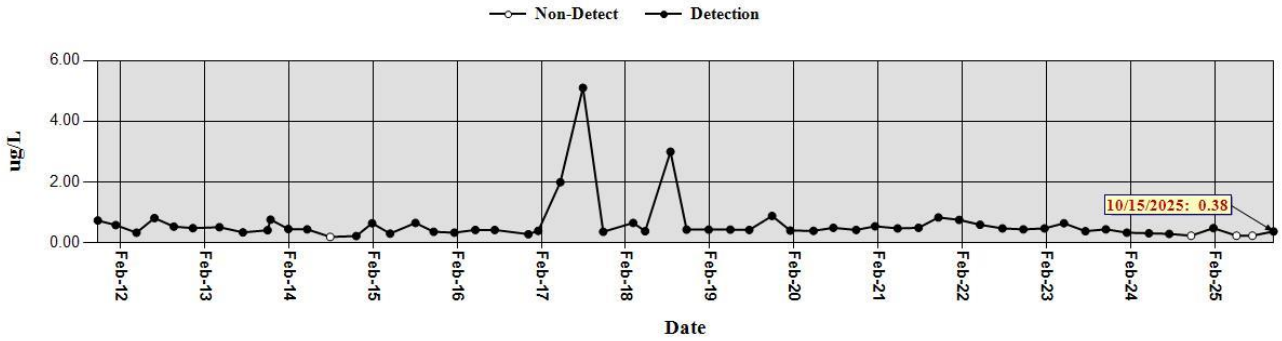
Analysis: 607

Results are Corrected for Extraction Efficiency



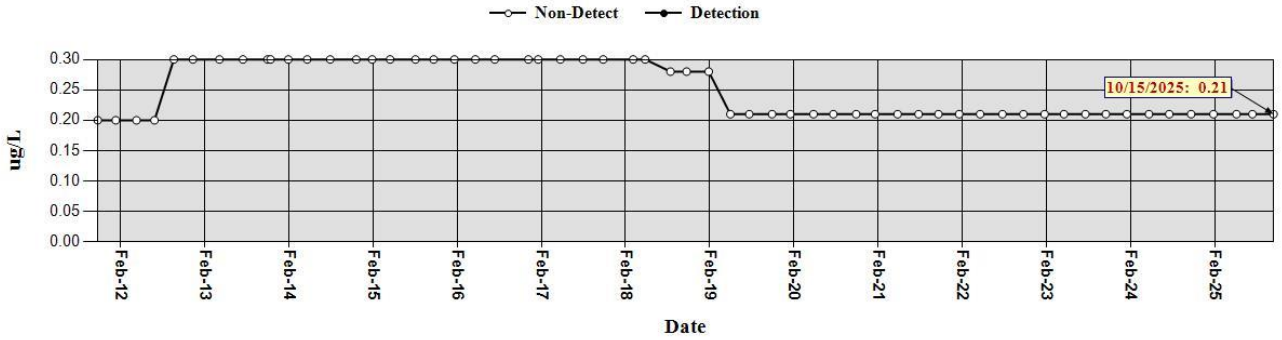
Well ID: 600-G-138
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



Well ID: 600-G-138
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



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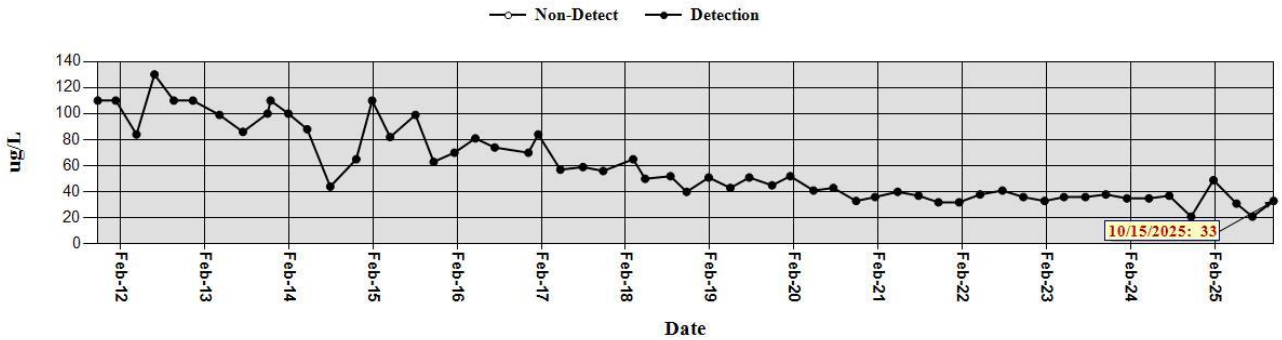
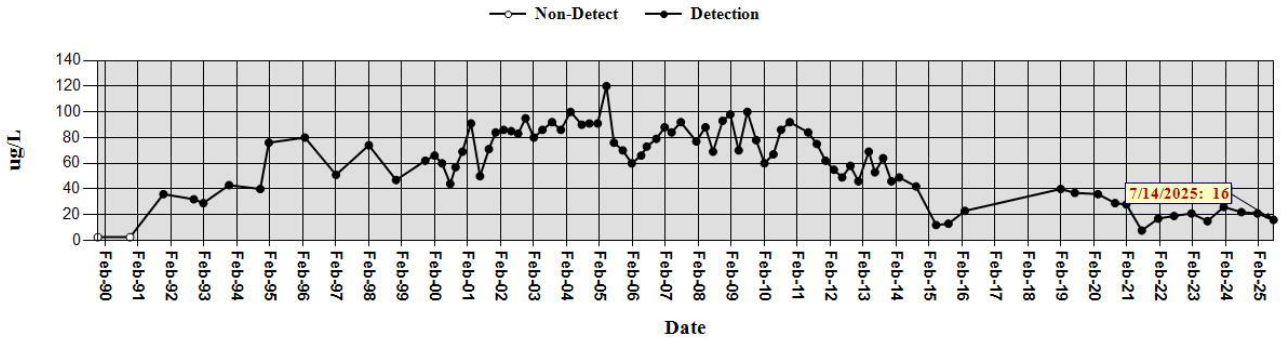
Analysis: 8260



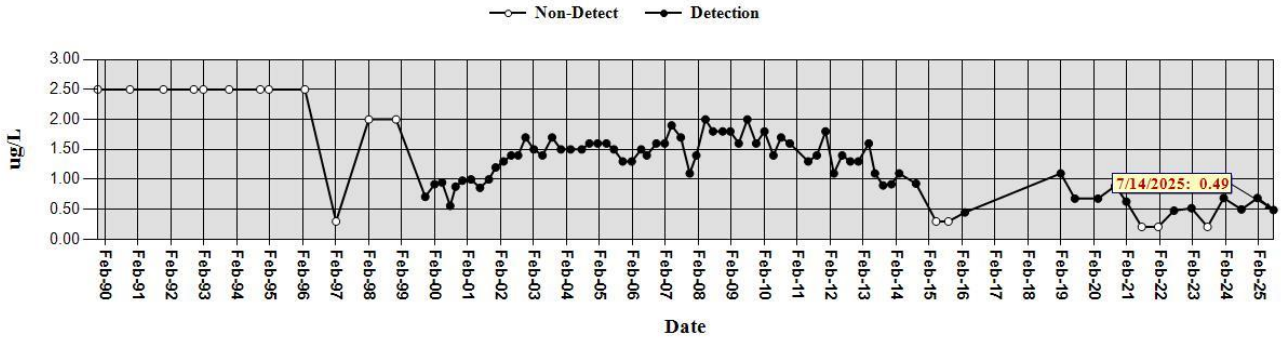
Well ID: BLM-18-430
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



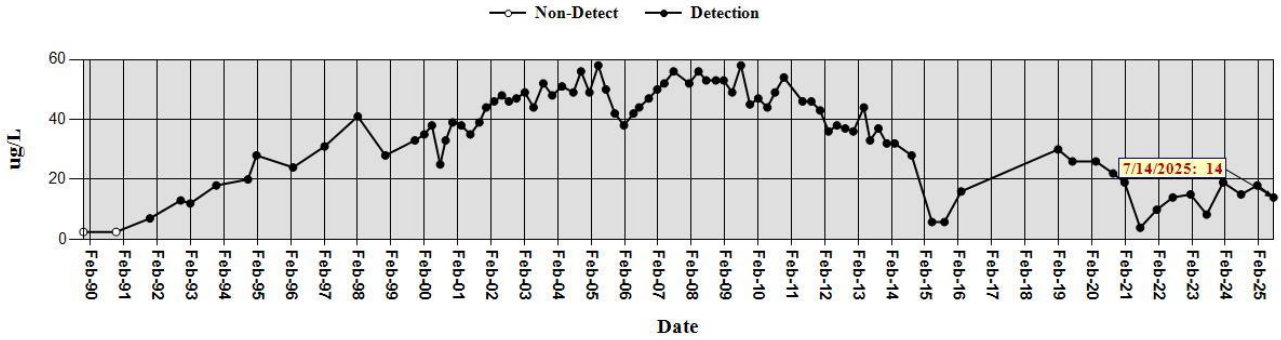
Well ID: BLM-18-430
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-18-430
CAS RN: 79-01-6 Trichloroethene

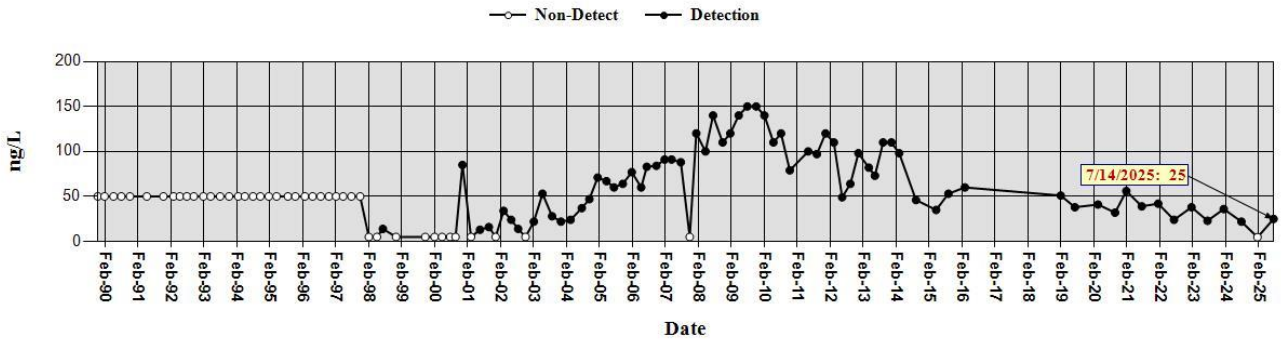
Analysis: 8260



Well ID: BLM-18-430
CAS RN: 62-75-9 N-Nitrosodimethylamine

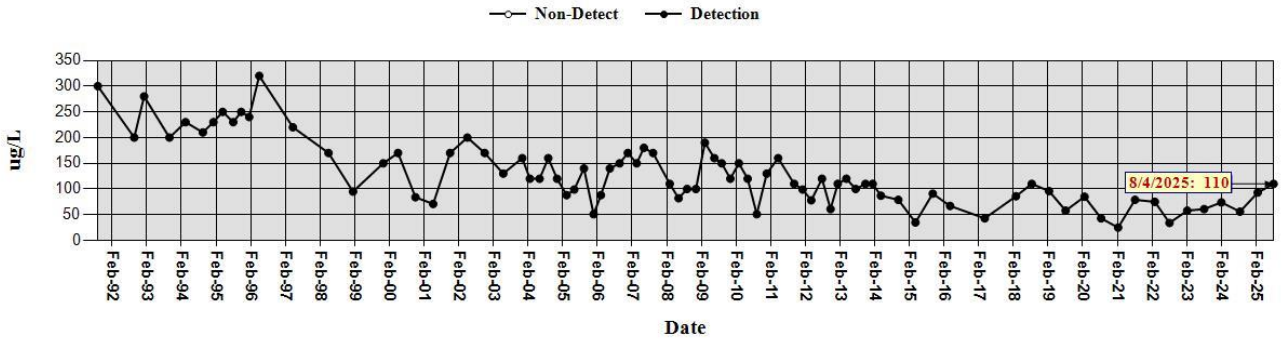
Analysis: 607

Results are Corrected for Extraction Efficiency



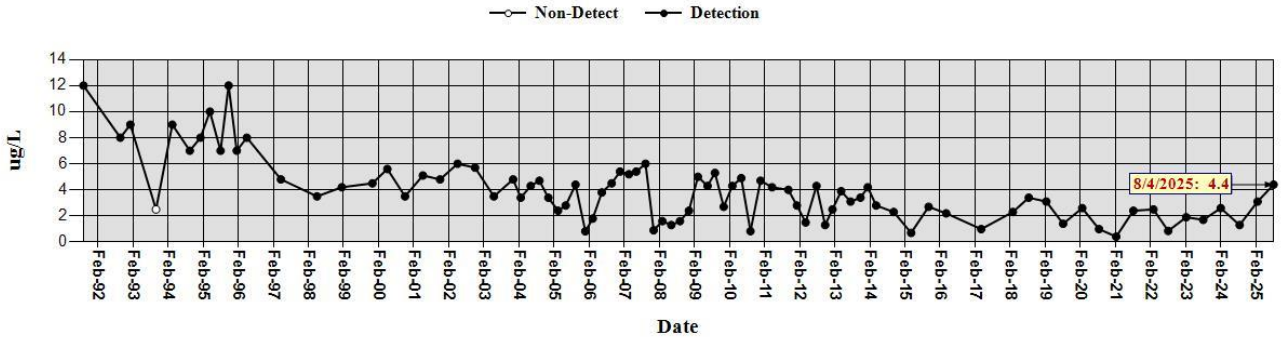
Well ID: BLM-21-400
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



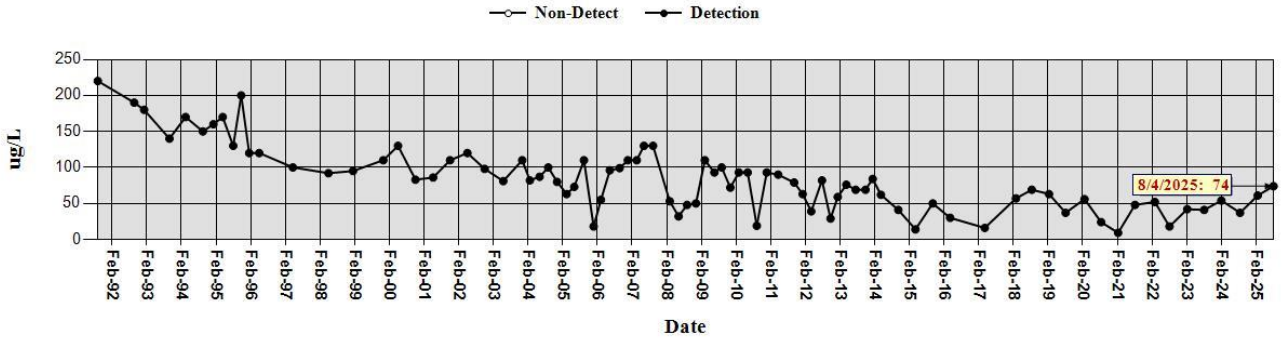
Well ID: BLM-21-400
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-21-400
CAS RN: 79-01-6 Trichloroethene

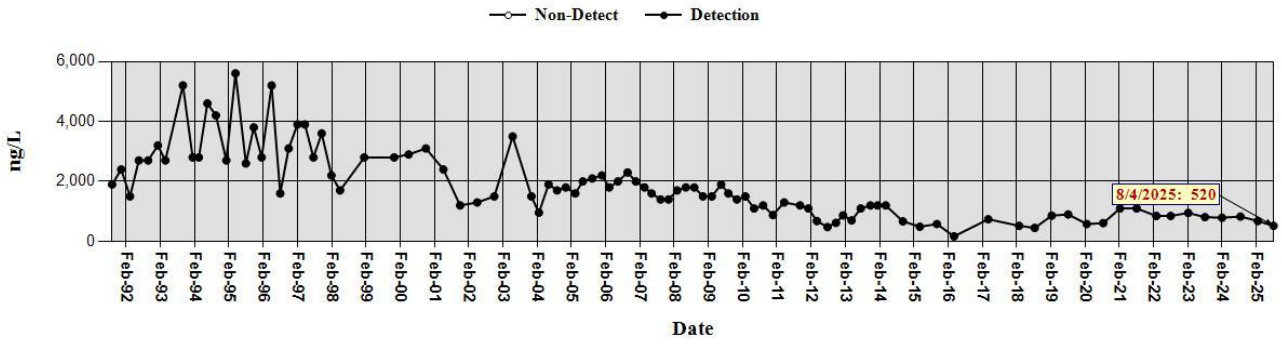
Analysis: 8260



Well ID: BLM-21-400
CAS RN: 62-75-9 N-Nitrosodimethylamine

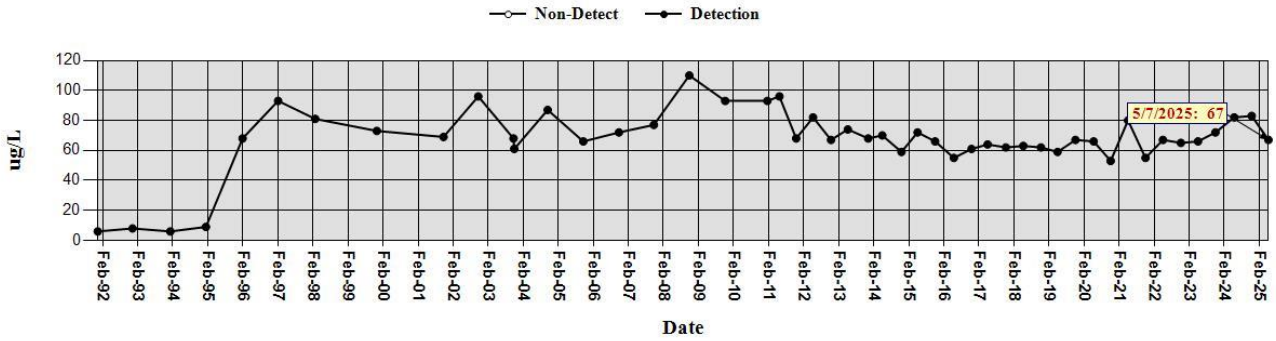
Analysis: 607

Results are Corrected for Extraction Efficiency



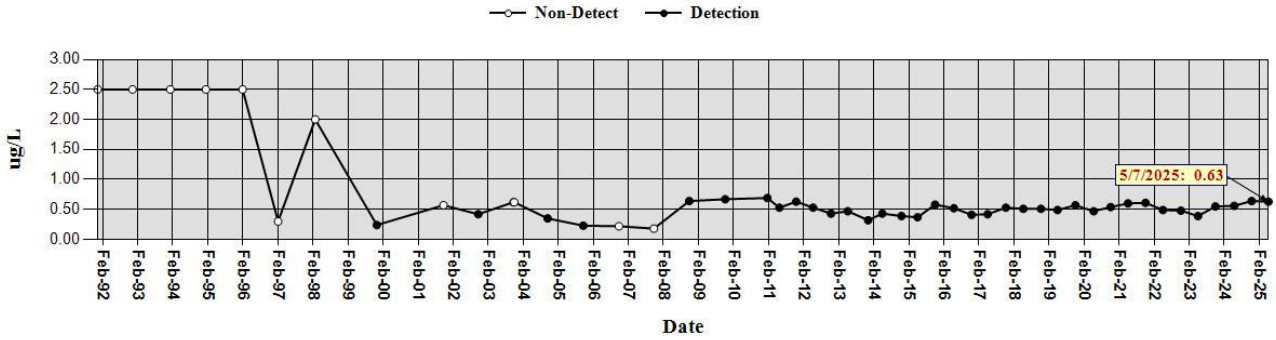
Well ID: BLM-26-404
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



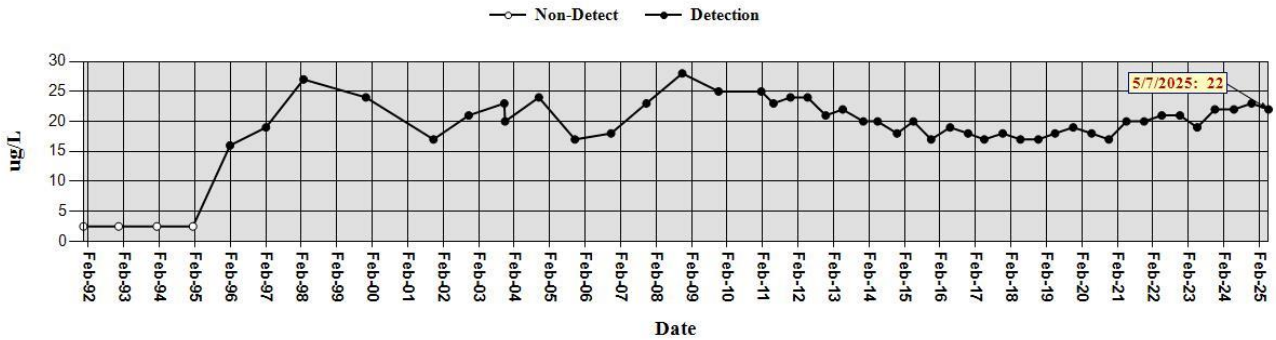
Well ID: BLM-26-404
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-26-404
CAS RN: 79-01-6 Trichloroethene

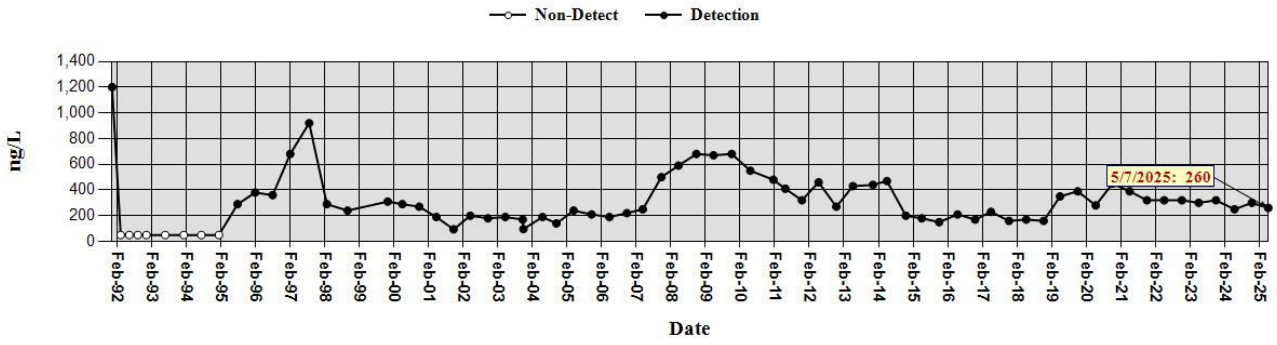
Analysis: 8260



Well ID: BLM-26-404
CAS RN: 62-75-9 N-Nitrosodimethylamine

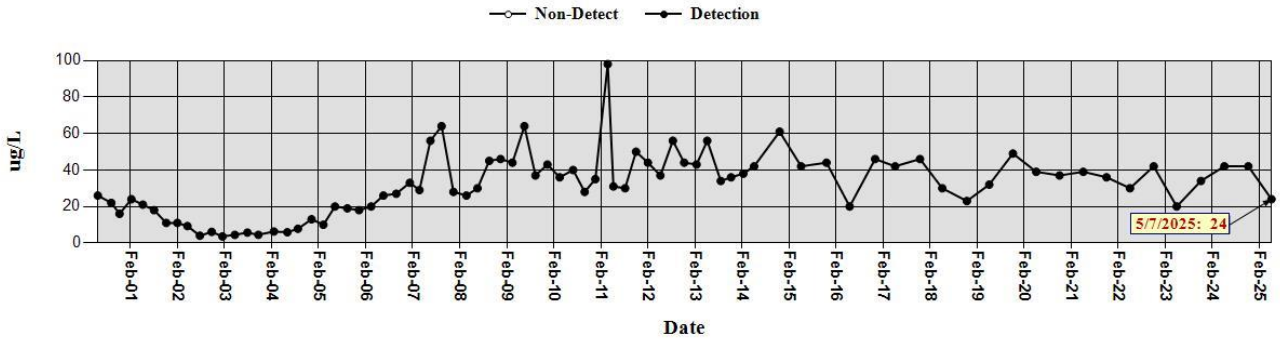
Analysis: 607

Results are Corrected for Extraction Efficiency



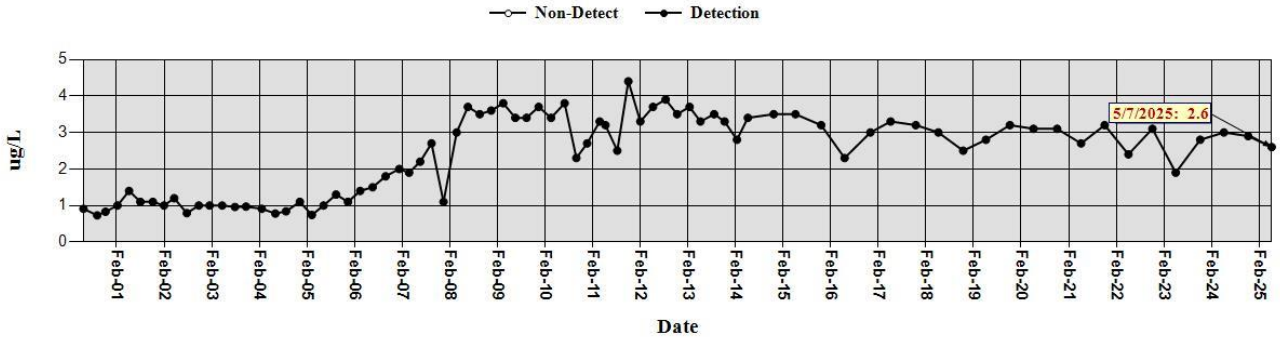
Well ID: BLM-36-350
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



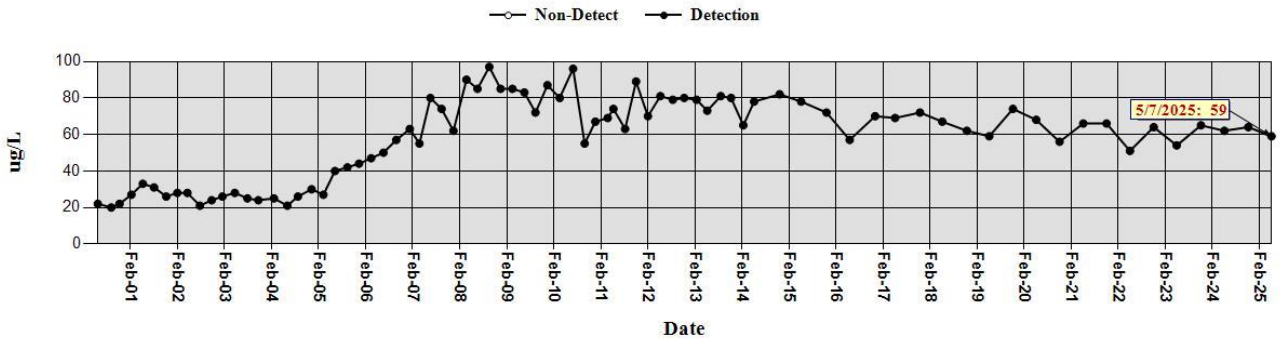
Well ID: BLM-36-350
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: BLM-36-350
CAS RN: 79-01-6 Trichloroethene

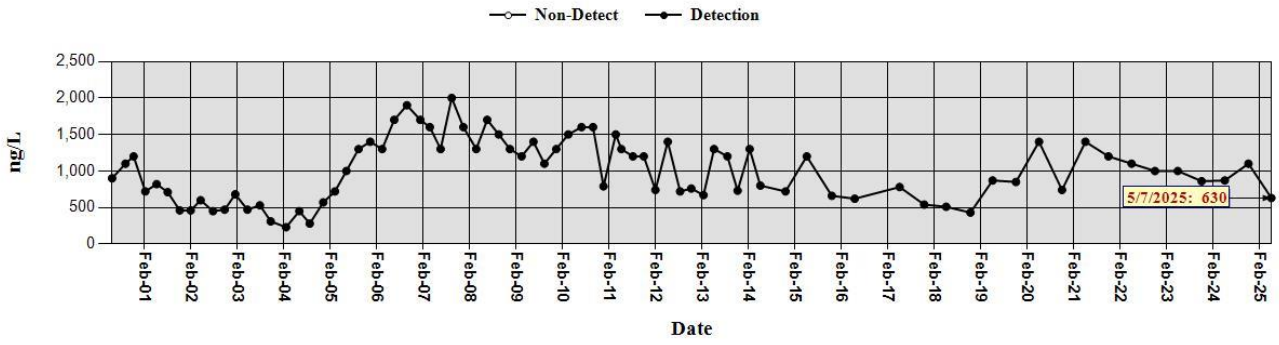
Analysis: 8260



Well ID: BLM-36-350
CAS RN: 62-75-9 N-Nitrosodimethylamine

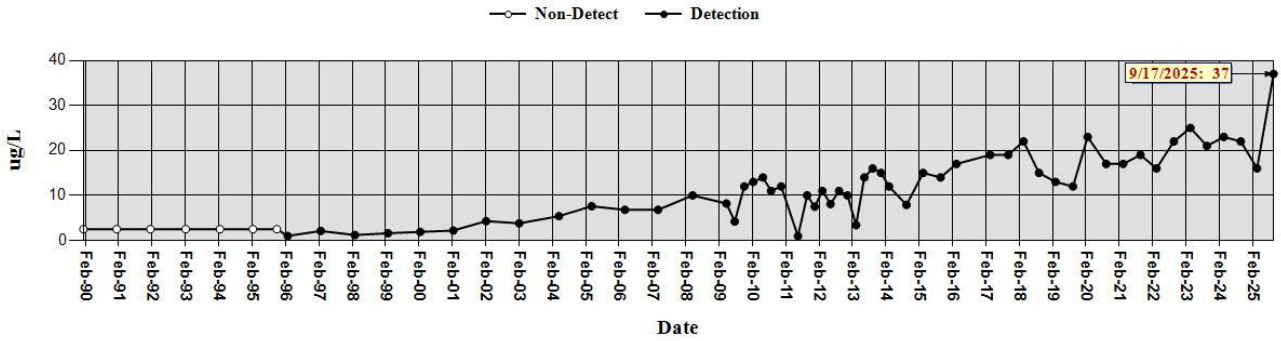
Analysis: 607

Results are Corrected for Extraction Efficiency



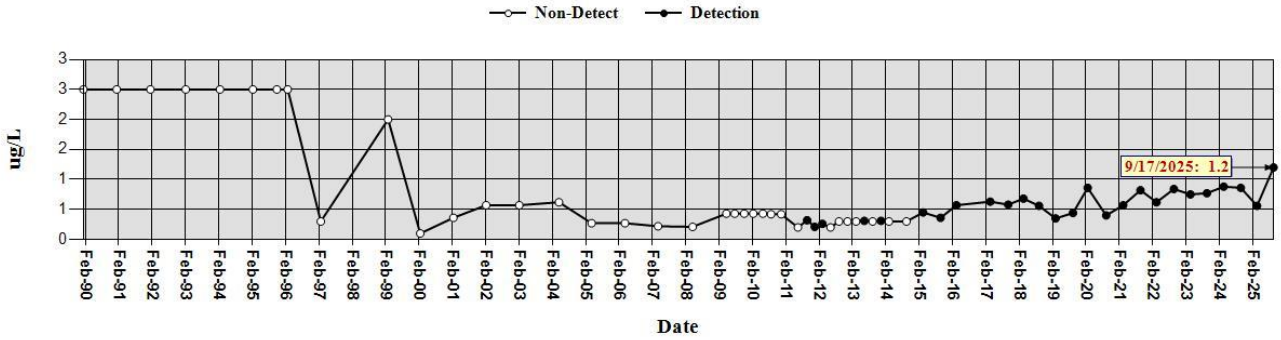
Well ID: BLM-5-527
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



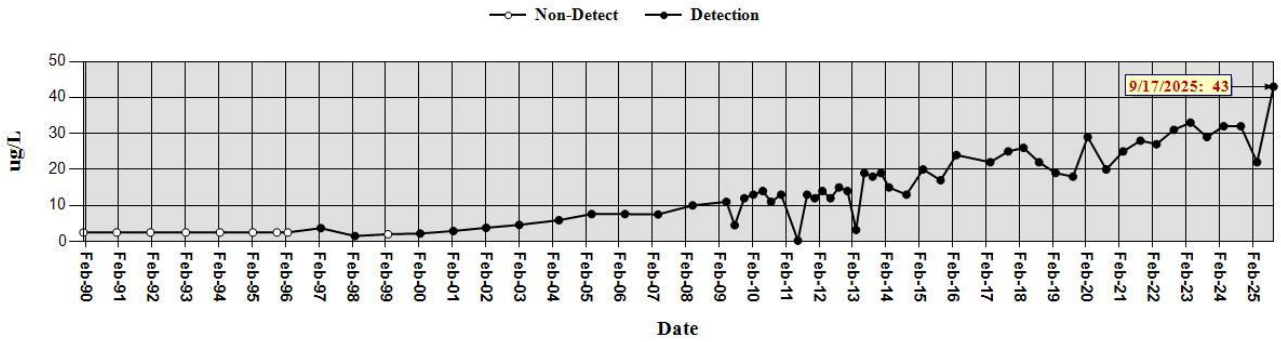
Well ID: BLM-5-527
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



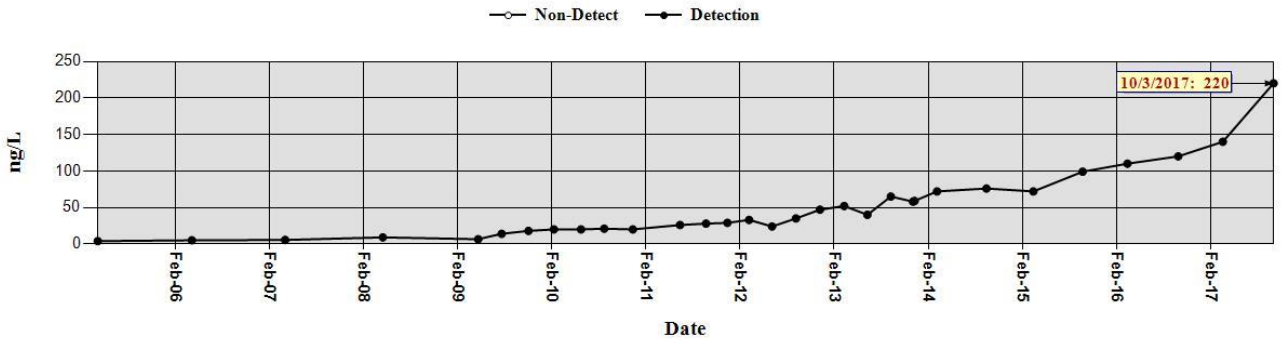
Well ID: BLM-5-527
CAS RN: 79-01-6 Trichloroethene

Analysis: 8260



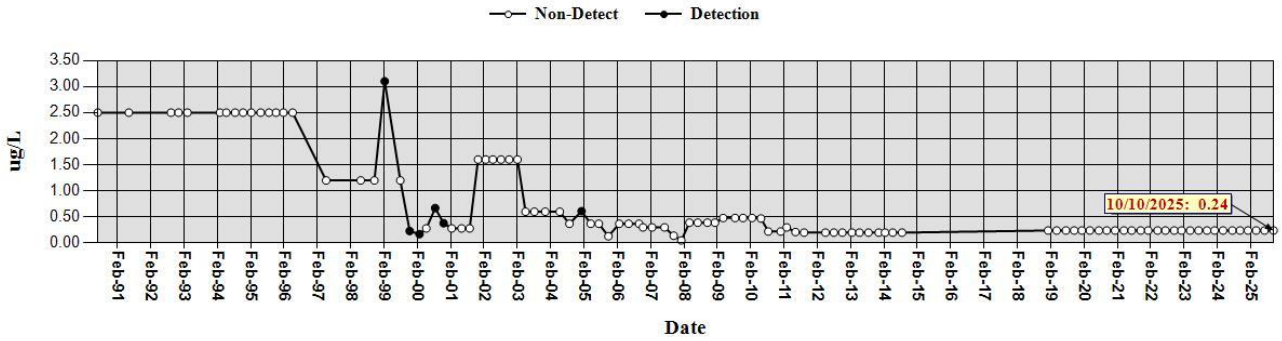
Well ID: BLM-5-527
CAS RN: 62-75-9 N-Nitrosodimethylamine

Analysis: NDMA_LL



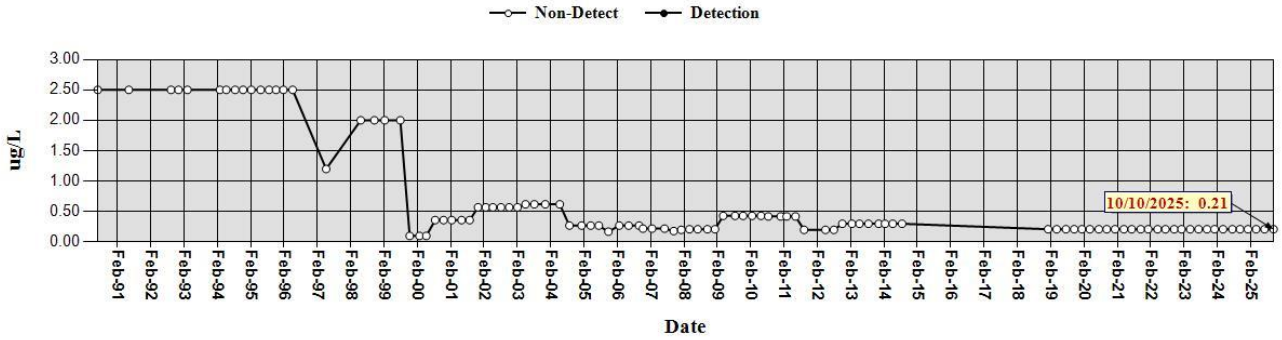
Well ID: BLM-6-488
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



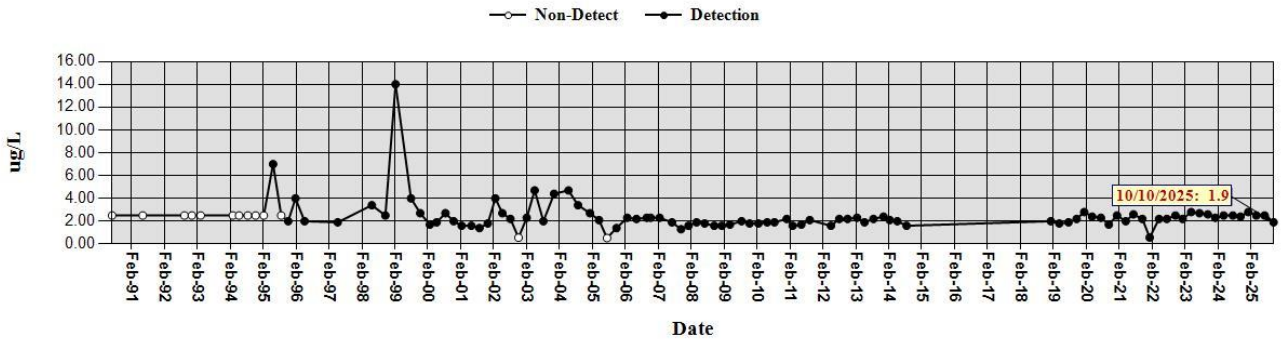
Well ID: BLM-6-488
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



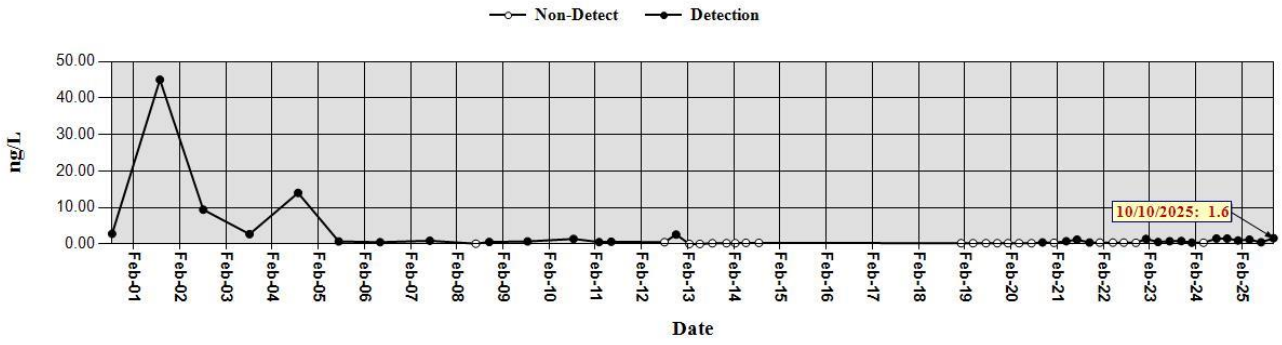
Well ID: BLM-6-488
CAS RN: 79-01-6 Trichloroethene

Analysis: 8260



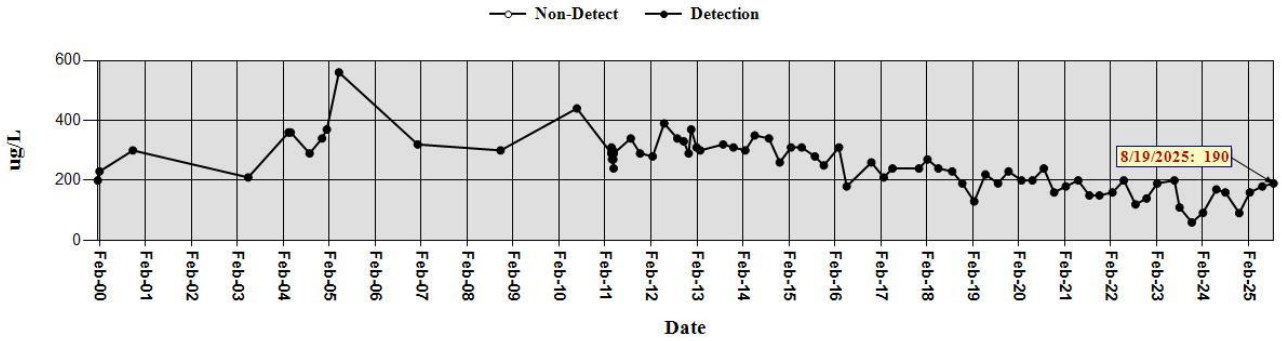
Well ID: BLM-6-488
CAS RN: 62-75-9 N-Nitrosodimethylamine

Analysis: NDMA_LL



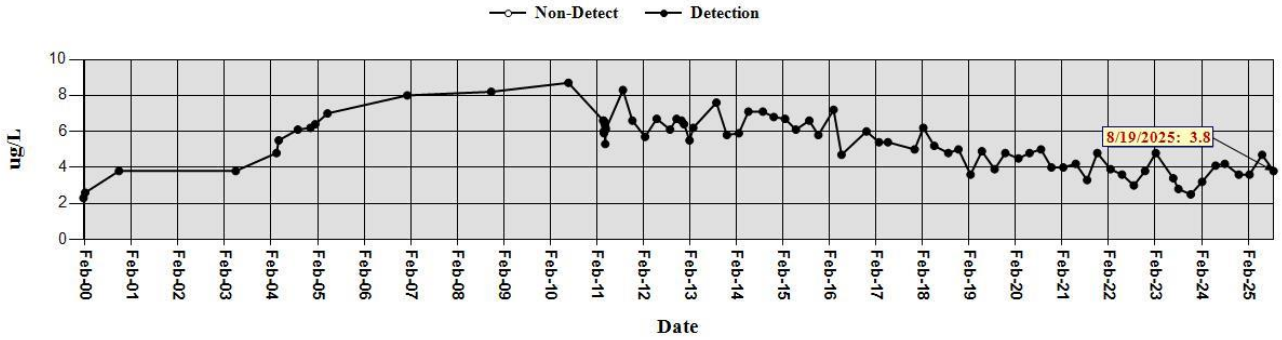
Well ID: MPE-1
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



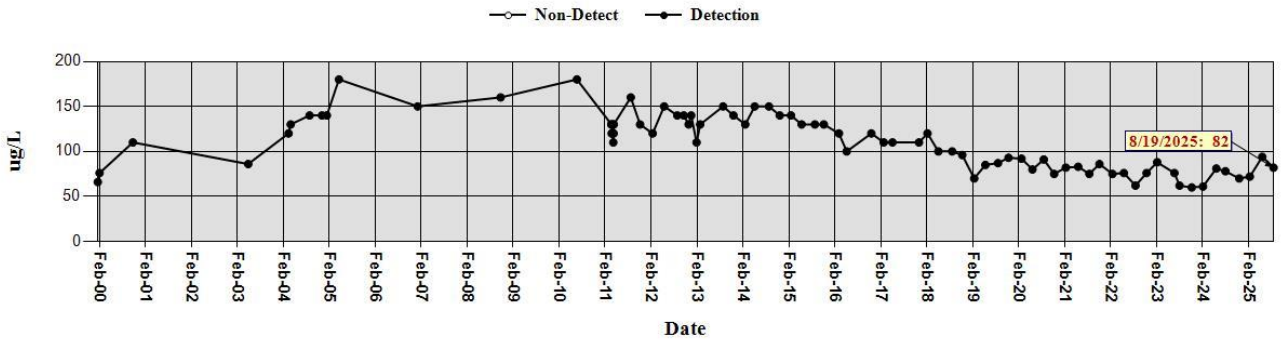
Well ID: MPE-1
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: MPE-1
CAS RN: 79-01-6 Trichloroethene

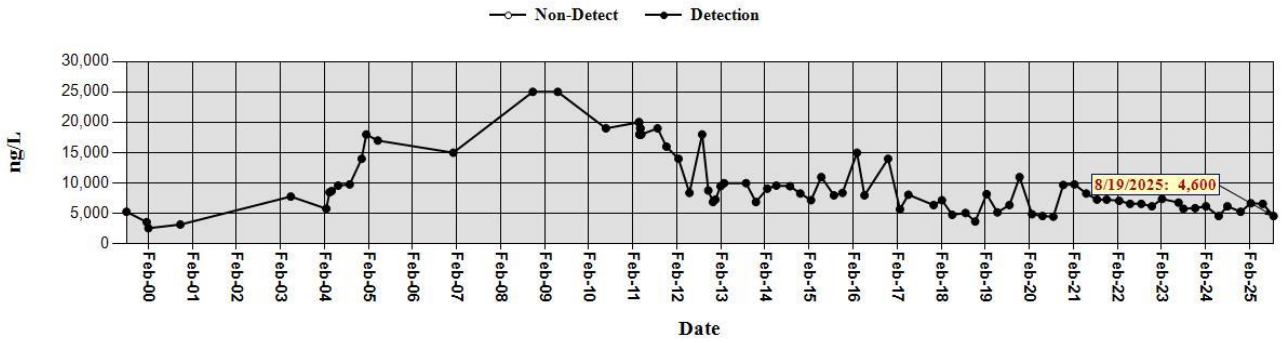
Analysis: 8260



Well ID: MPE-1
CAS RN: 62-75-9 N-Nitrosodimethylamine

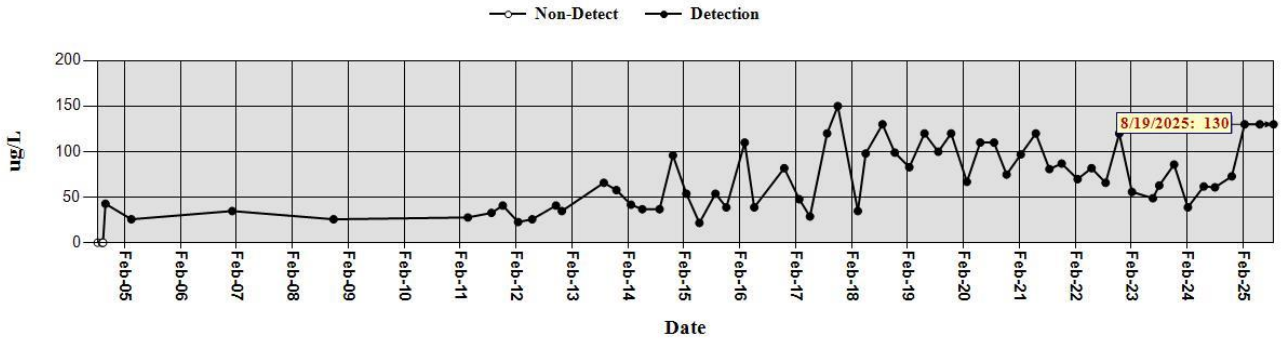
Analysis: 607

Results are Corrected for Extraction Efficiency



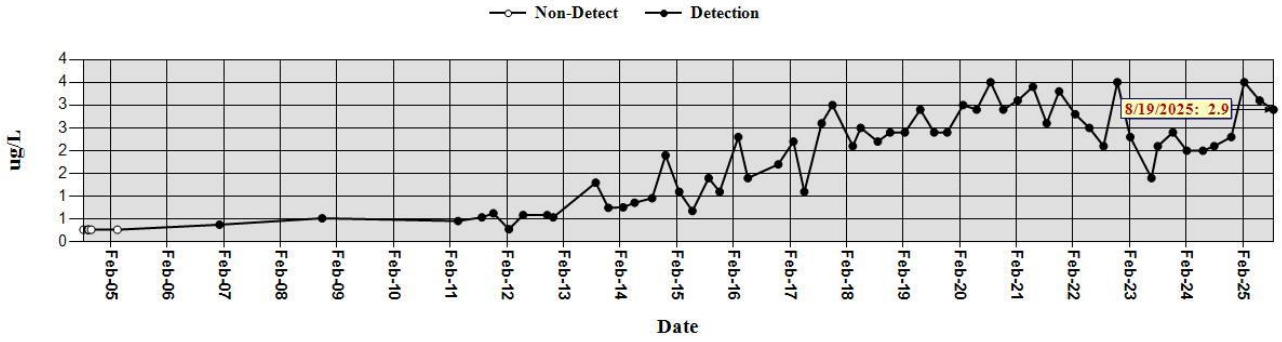
Well ID: MPE-10
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



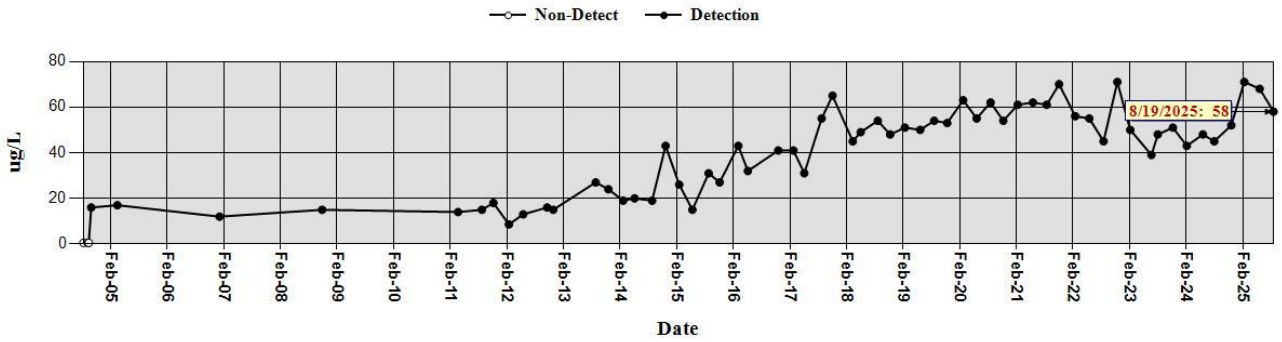
Well ID: MPE-10
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: MPE-10
CAS RN: 79-01-6 Trichloroethene

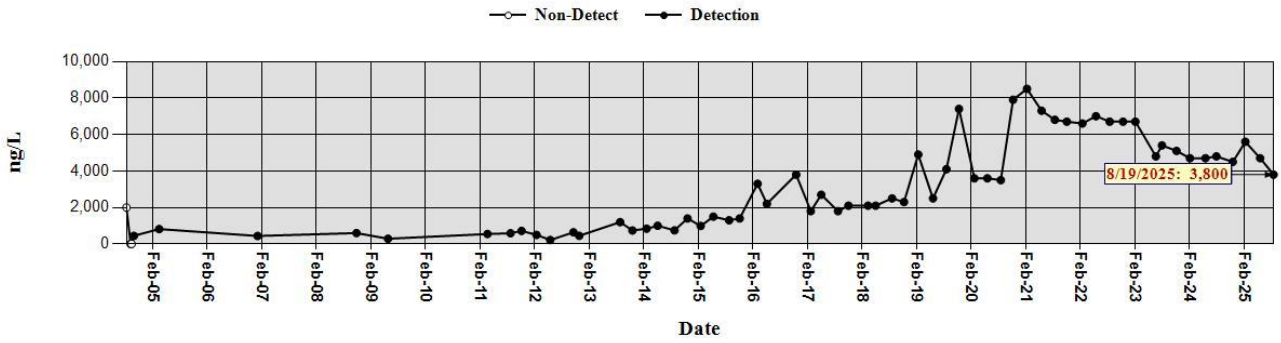
Analysis: 8260



Well ID: MPE-10
CAS RN: 62-75-9 N-Nitrosodimethylamine

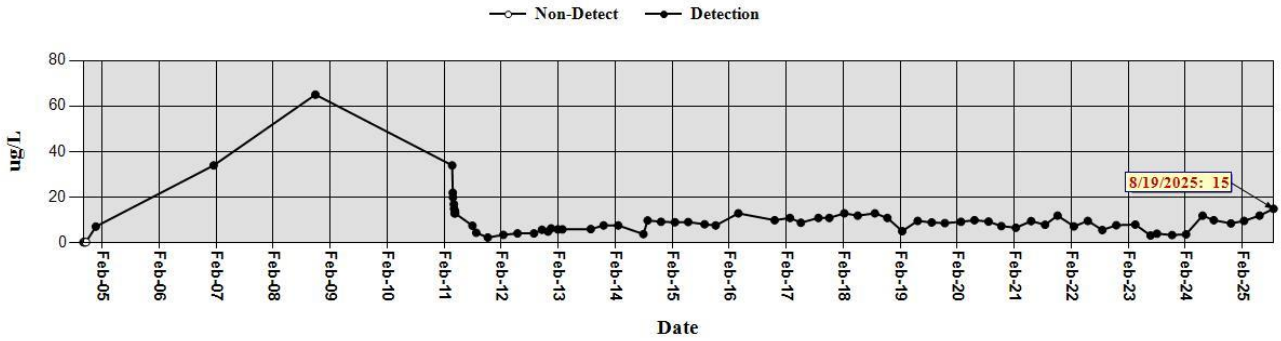
Analysis: 607

Results are Corrected for Extraction Efficiency



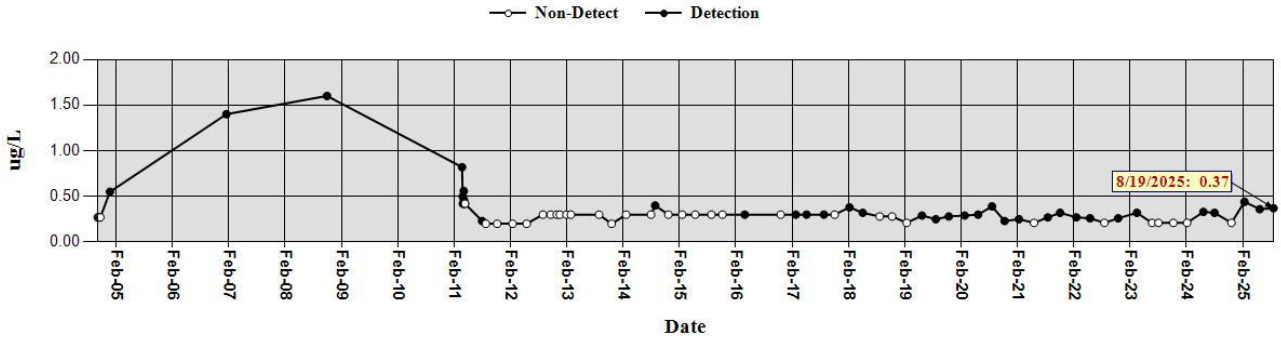
Well ID: MPE-11
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



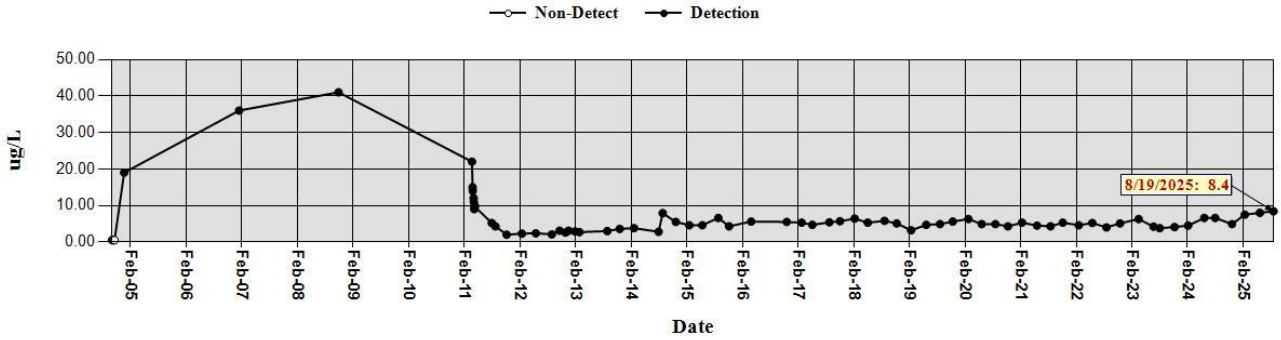
Well ID: MPE-11
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: MPE-11
CAS RN: 79-01-6 Trichloroethene

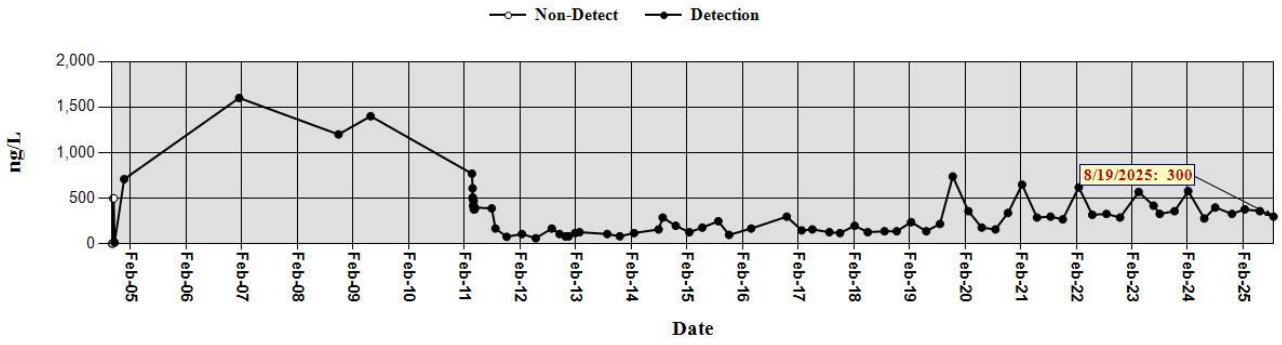
Analysis: 8260



Well ID: MPE-11
CAS RN: 62-75-9 N-Nitrosodimethylamine

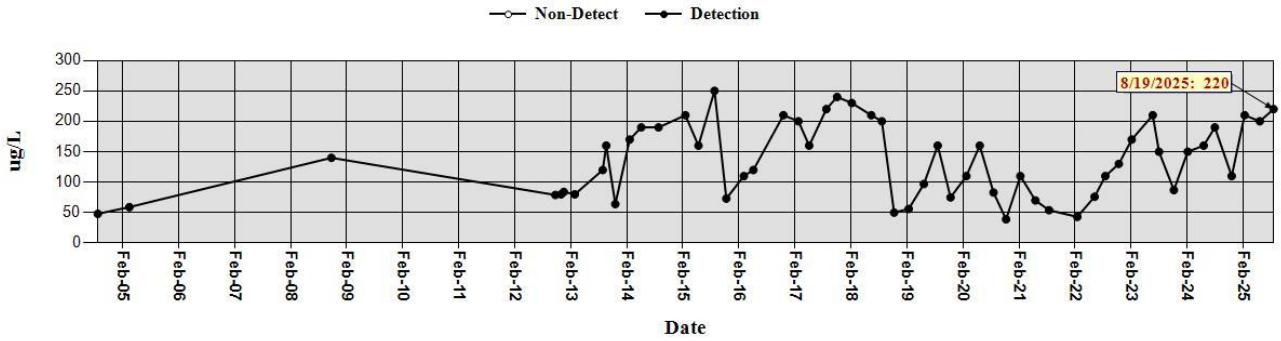
Analysis: 607

Results are Corrected for Extraction Efficiency



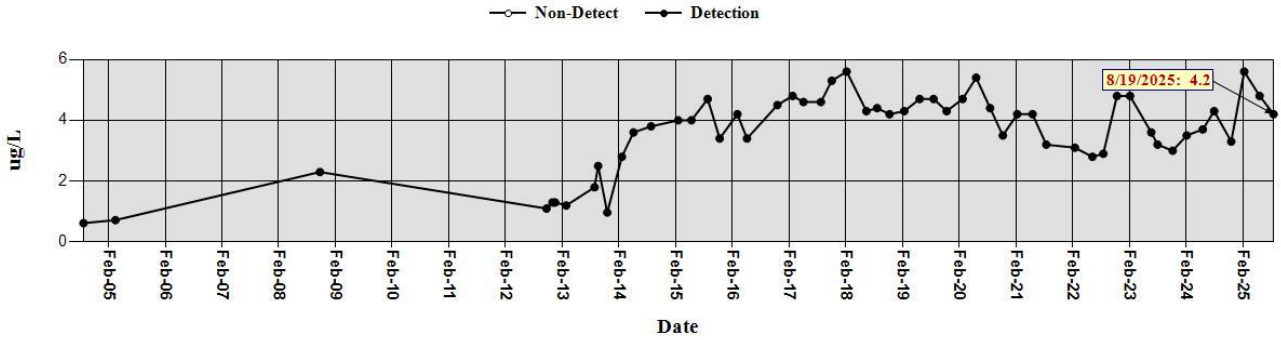
Well ID: MPE-9
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



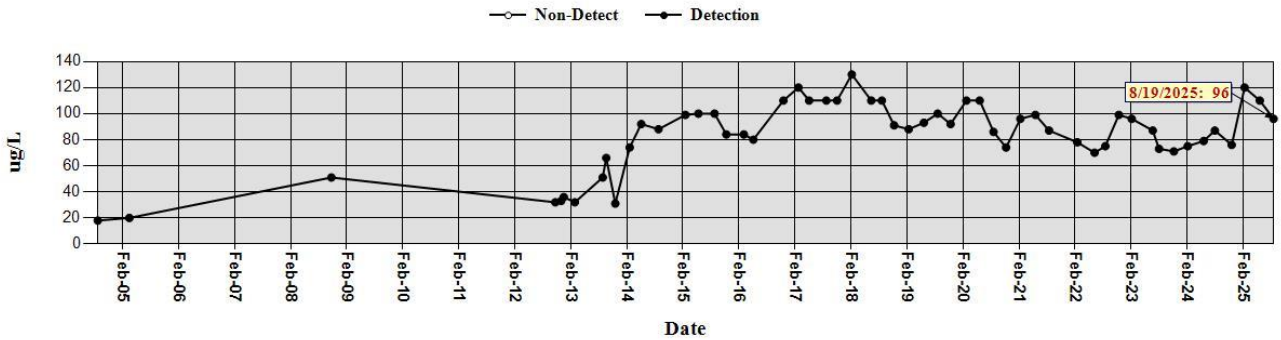
Well ID: MPE-9
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: MPE-9
CAS RN: 79-01-6 Trichloroethene

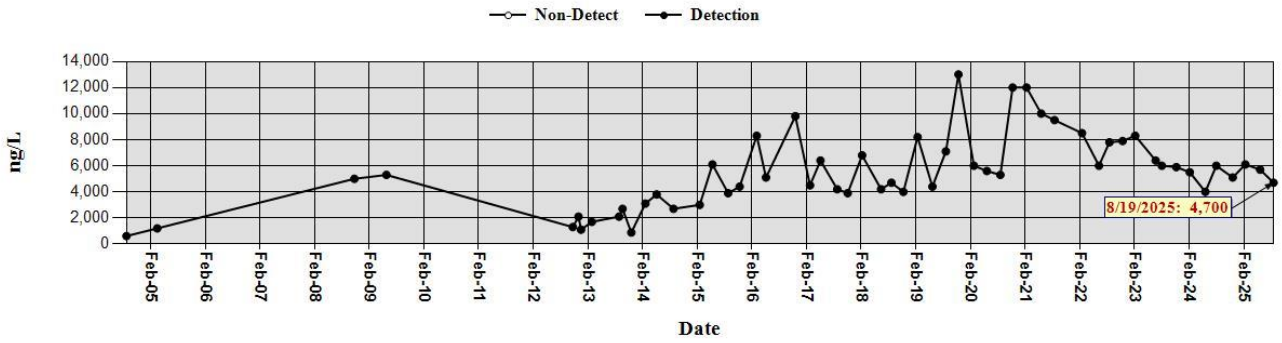
Analysis: 8260



Well ID: MPE-9
CAS RN: 62-75-9 N-Nitrosodimethylamine

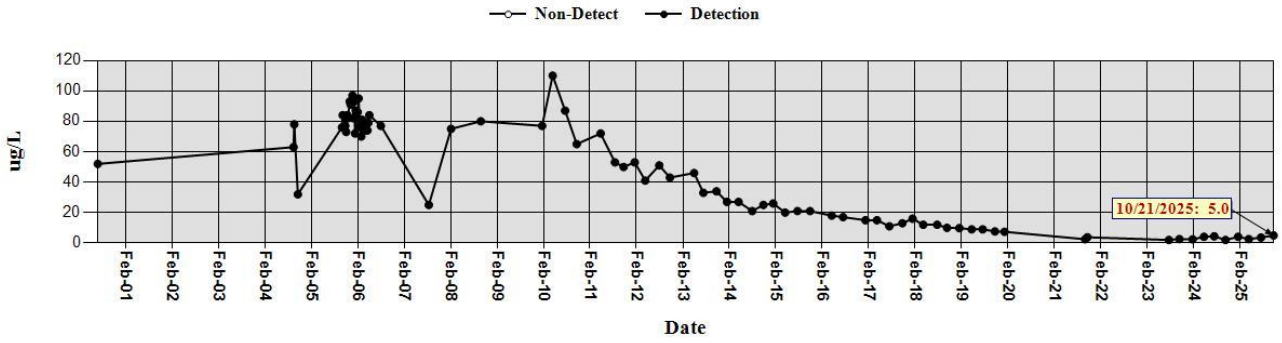
Analysis: 607

Results are Corrected for Extraction Efficiency



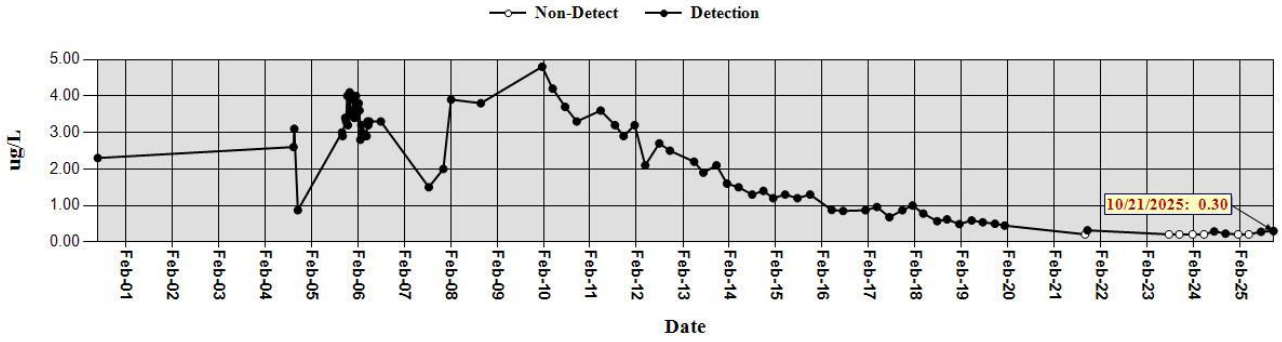
Well ID: PFE-1
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



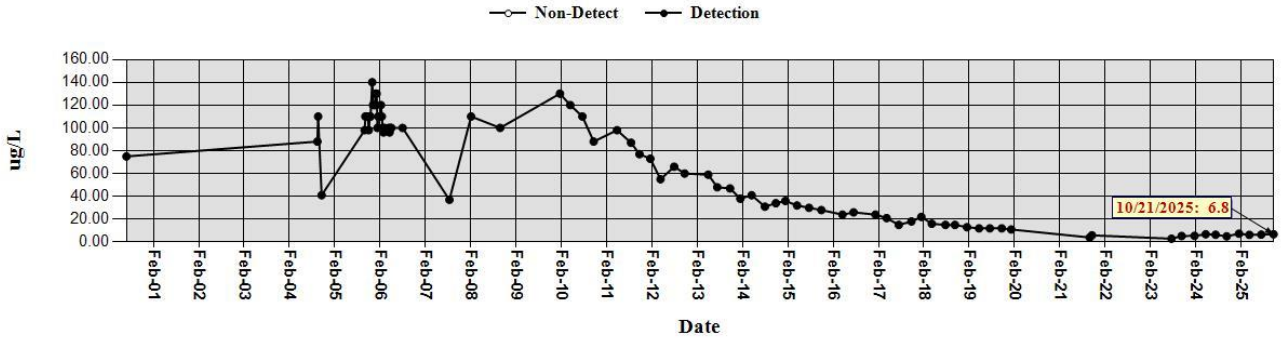
Well ID: PFE-1
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: PFE-1
CAS RN: 79-01-6 Trichloroethene

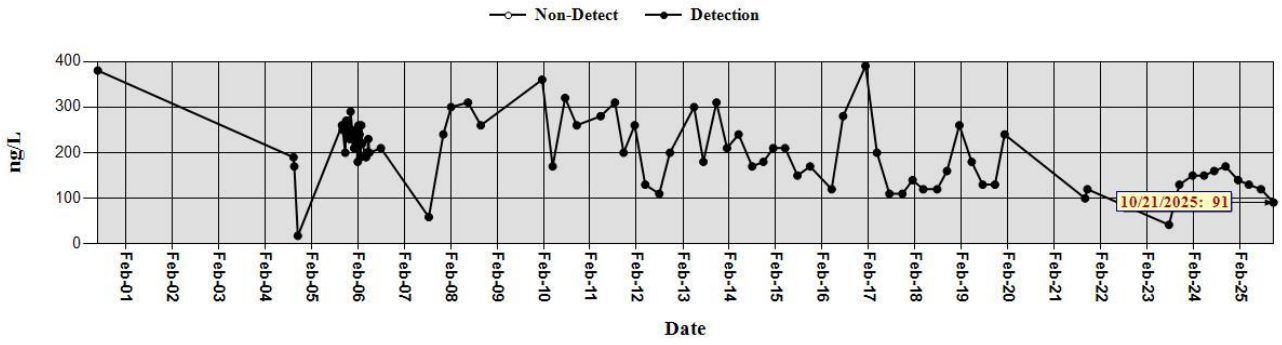
Analysis: 8260



Well ID: PFE-1
CAS RN: 62-75-9 N-Nitrosodimethylamine

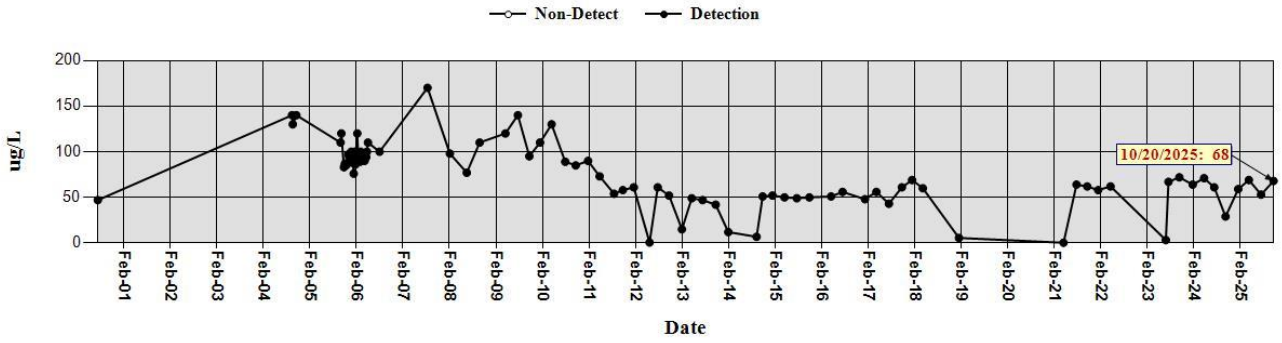
Analysis: 607

Results are Corrected for Extraction Efficiency



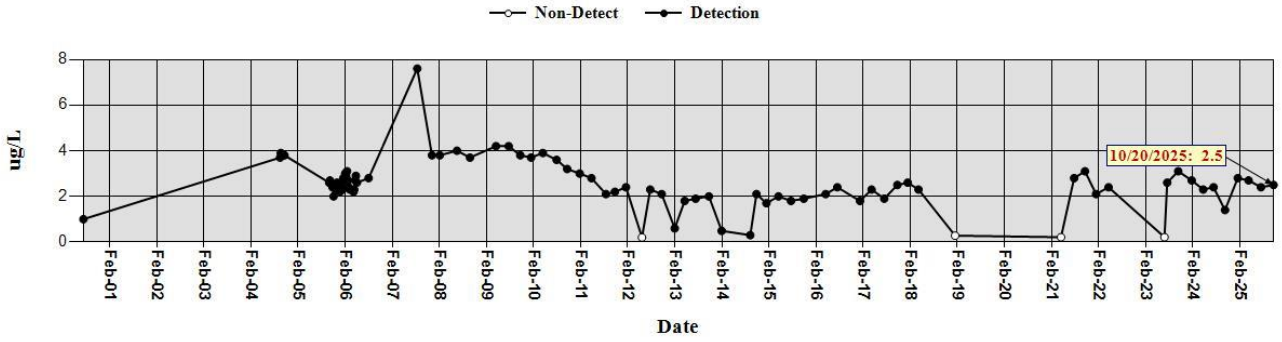
Well ID: PFE-2
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



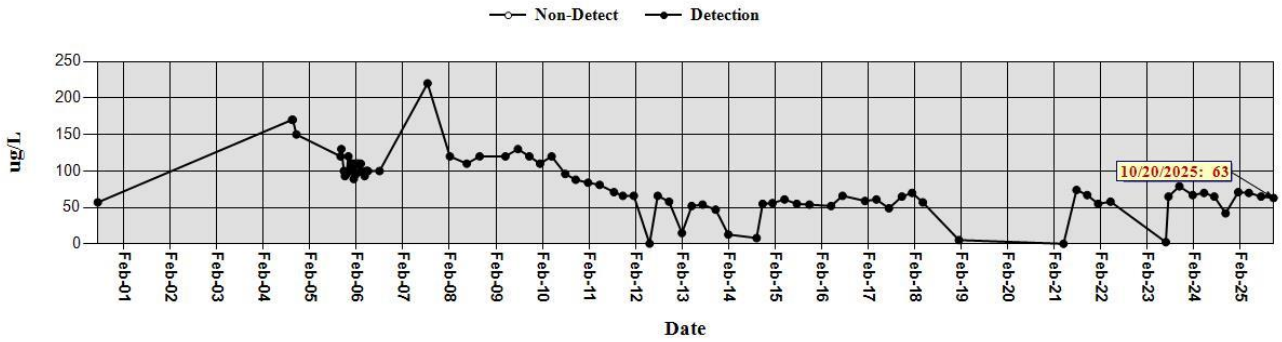
Well ID: PFE-2
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: PFE-2
CAS RN: 79-01-6 Trichloroethene

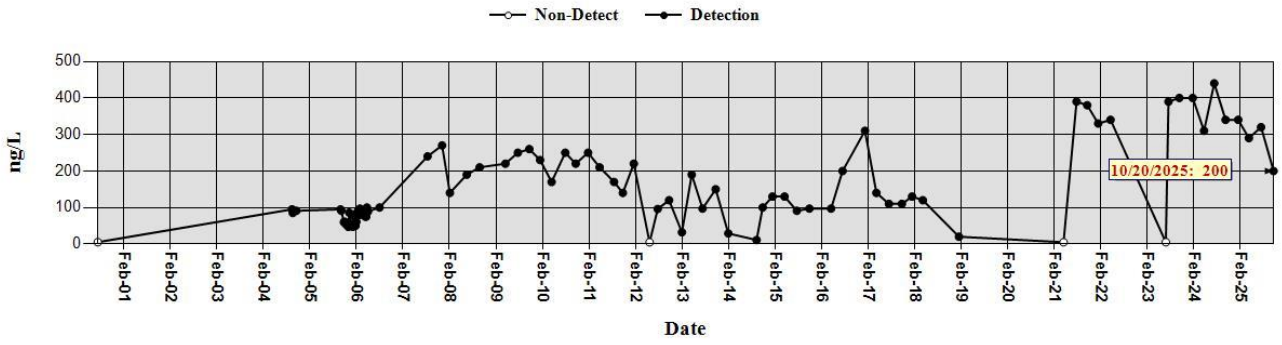
Analysis: 8260



Well ID: PFE-2
CAS RN: 62-75-9 N-Nitrosodimethylamine

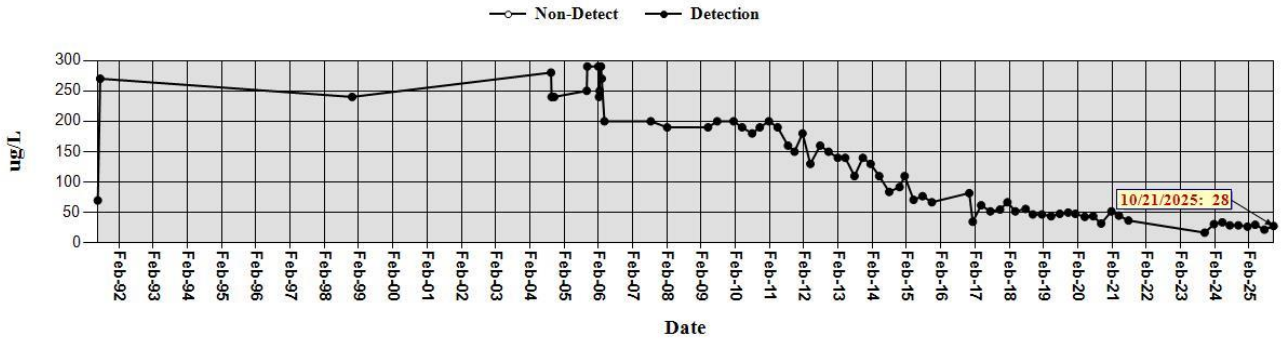
Analysis: 607

Results are Corrected for Extraction Efficiency



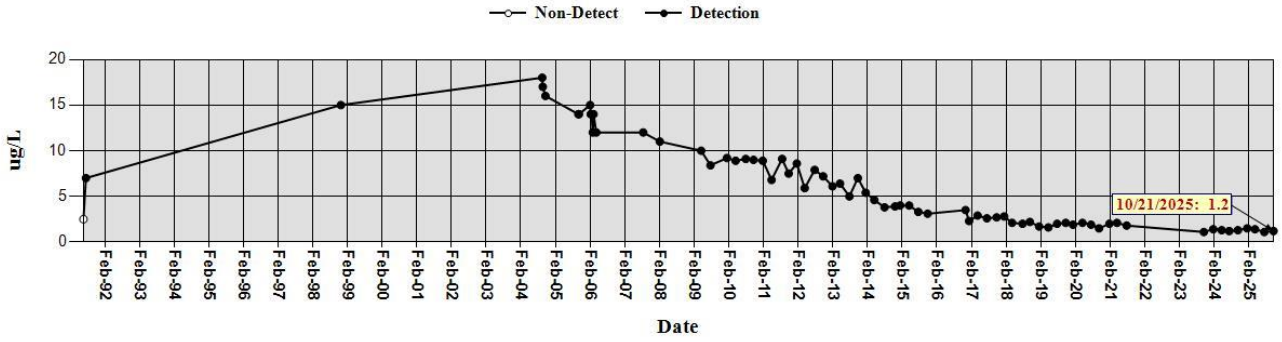
Well ID: PFE-3
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



Well ID: PFE-3
CAS RN: 127-18-4 Tetrachloroethene

Analysis: 8260



Well ID: PFE-3
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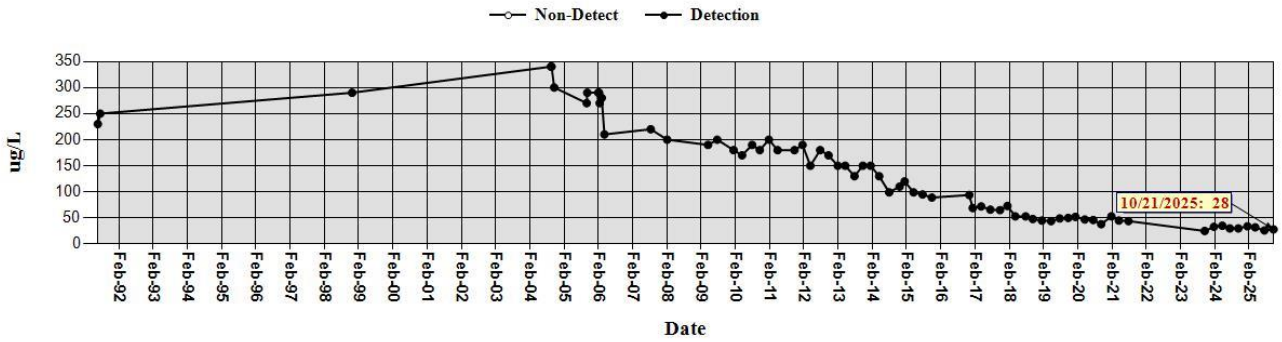
Analysis: 8260



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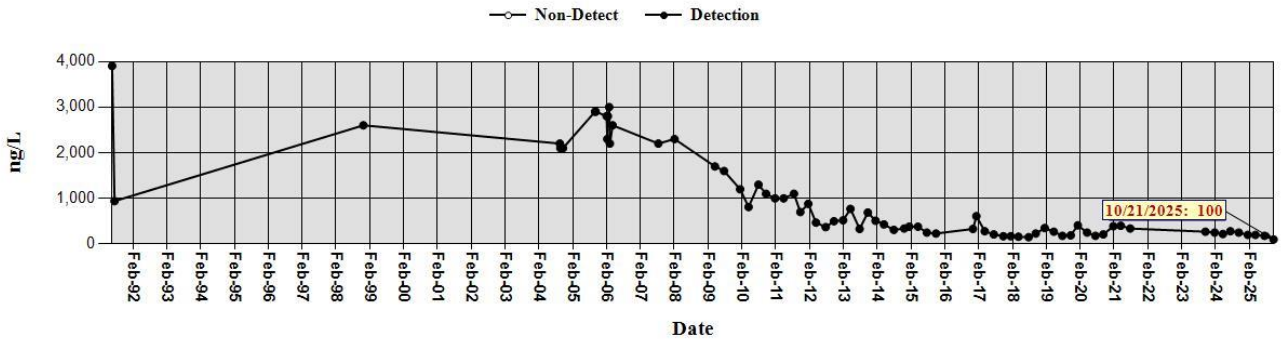
Analysis: 607

Results are Corrected for Extraction Efficiency



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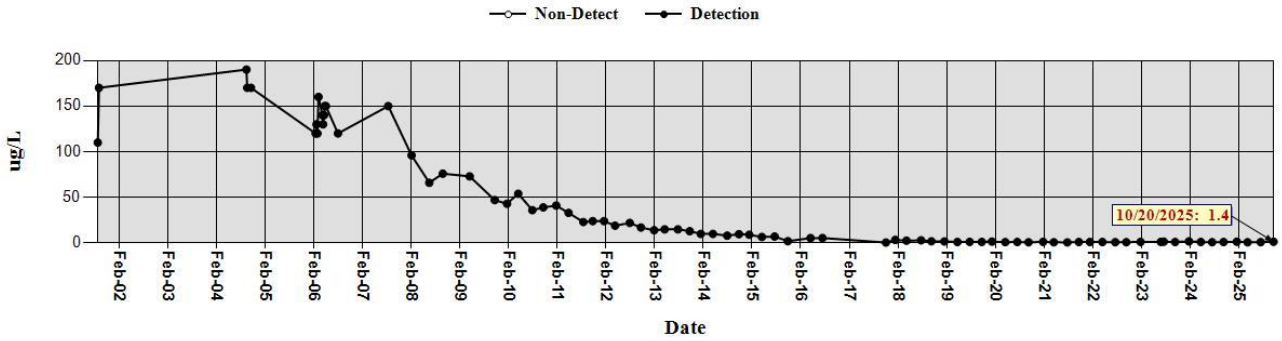
Analysis: 8260



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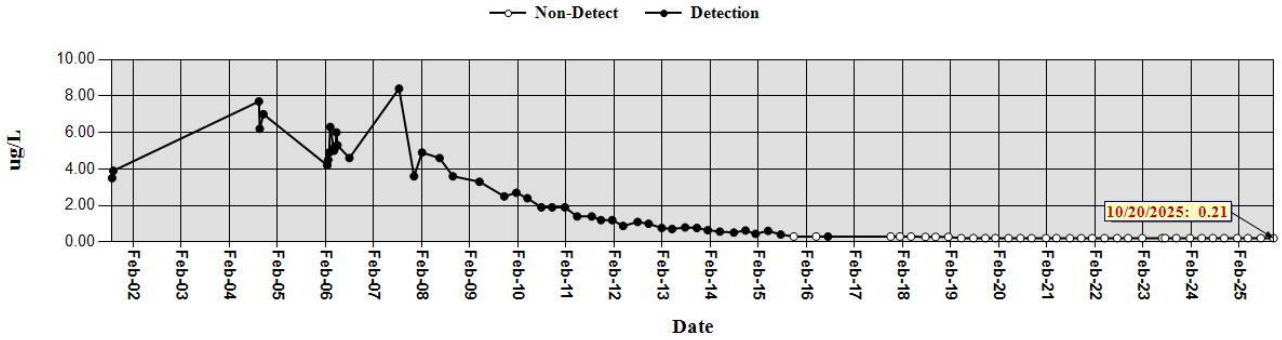

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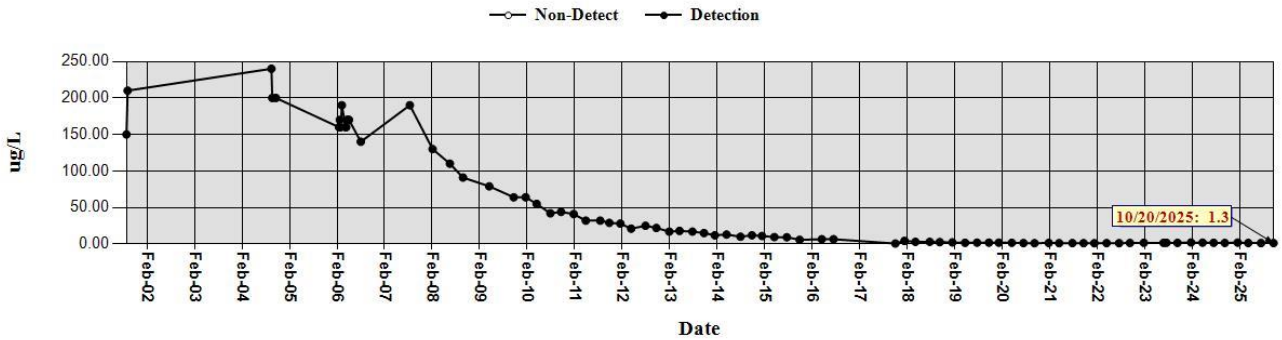

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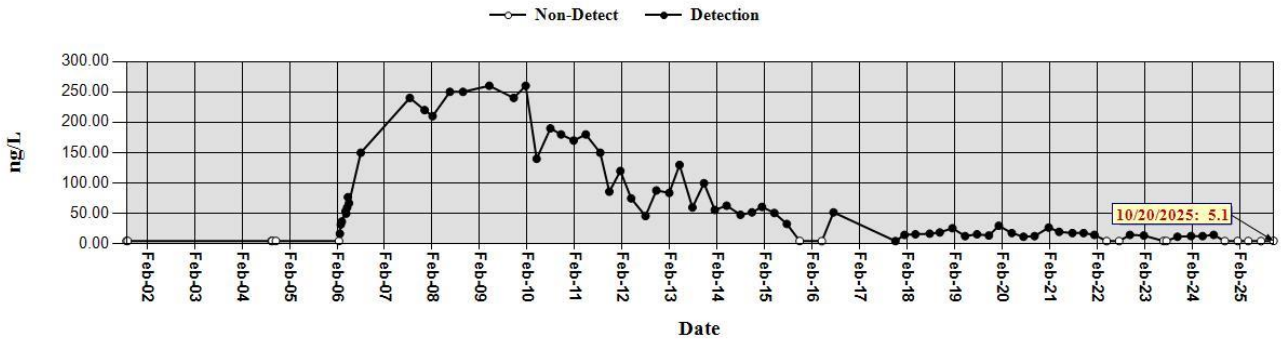
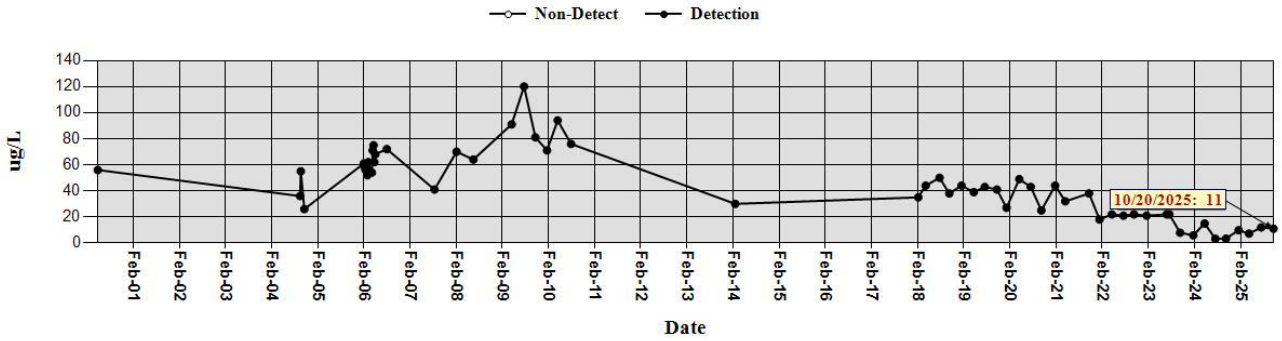
Analysis: 607

Results are Corrected for Extraction Efficiency



Well ID: PFE-5
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



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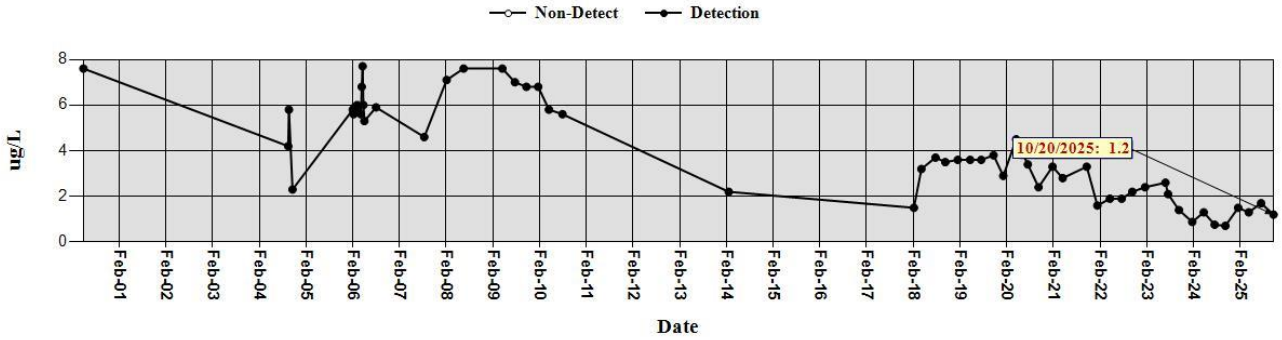
Analysis: 8260



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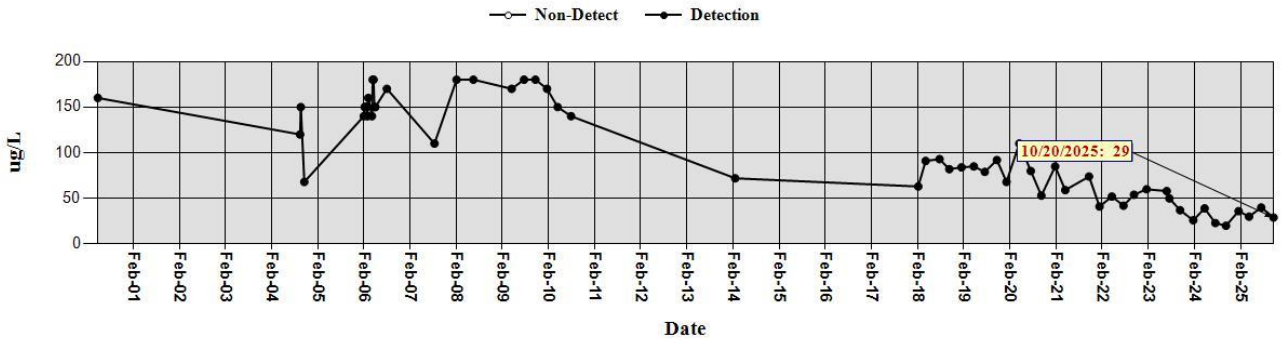
Analysis: 8260



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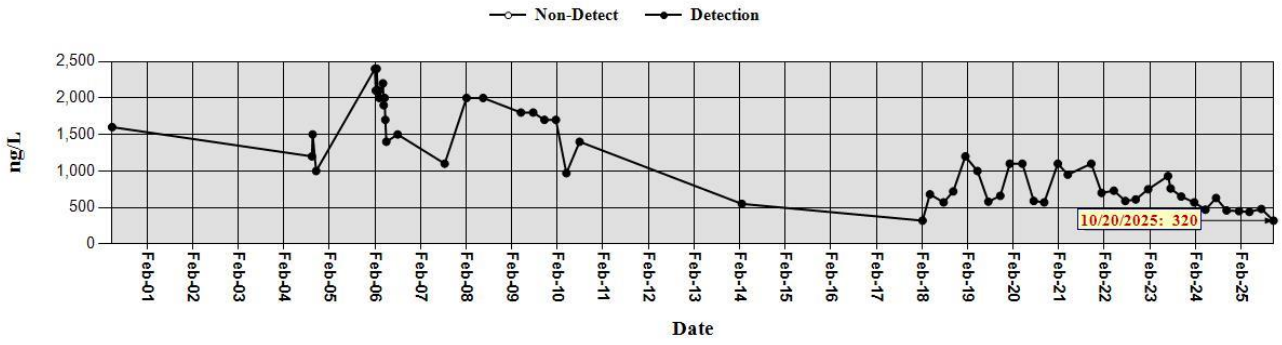
Analysis: 607

Results are Corrected for Extraction Efficiency



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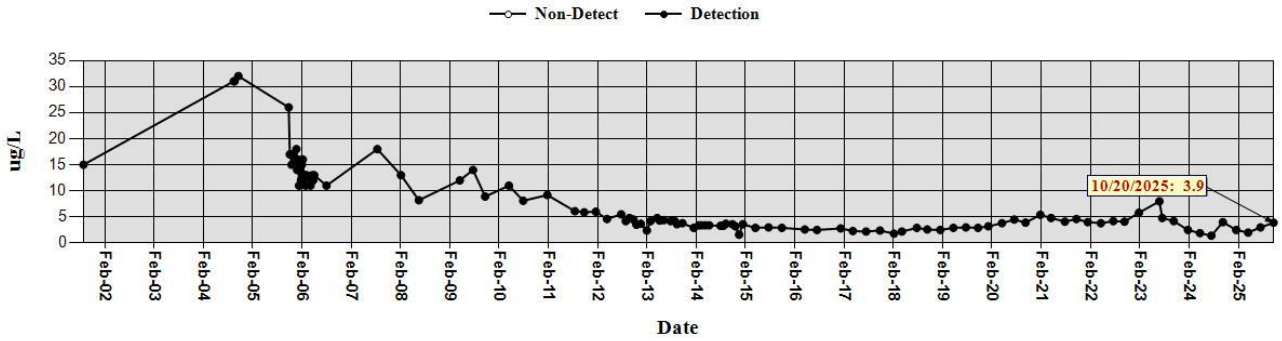
Analysis: 8260



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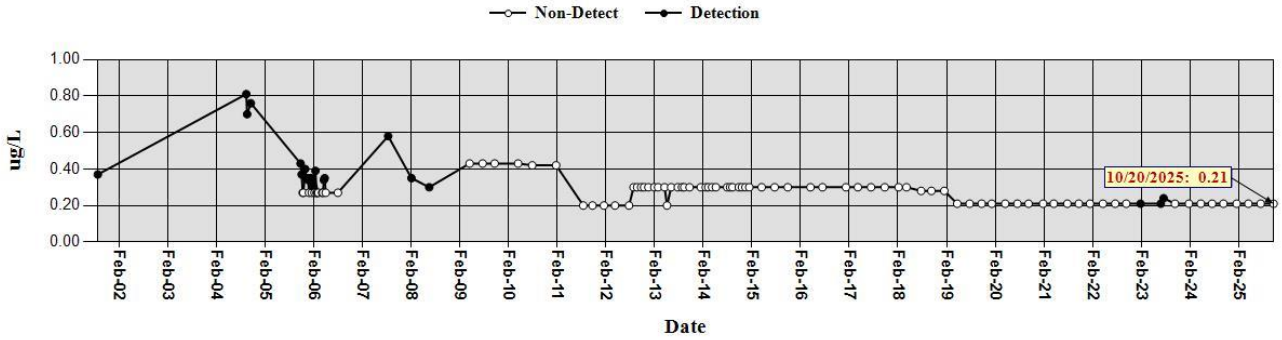
Analysis: 8260



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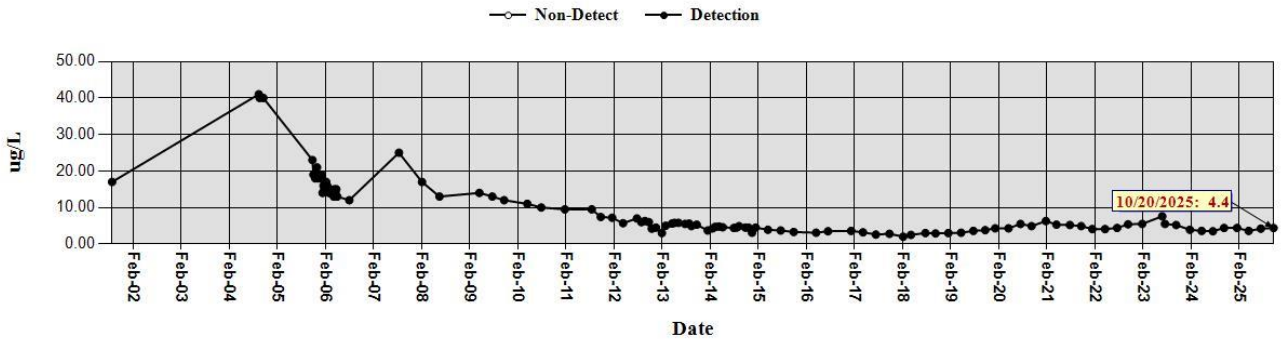
Analysis: 8260



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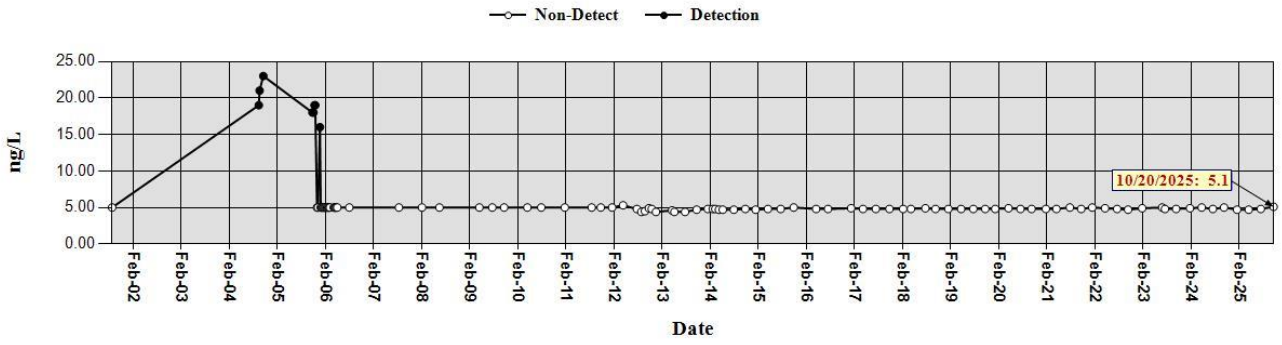
Analysis: 607

Results are Corrected for Extraction Efficiency



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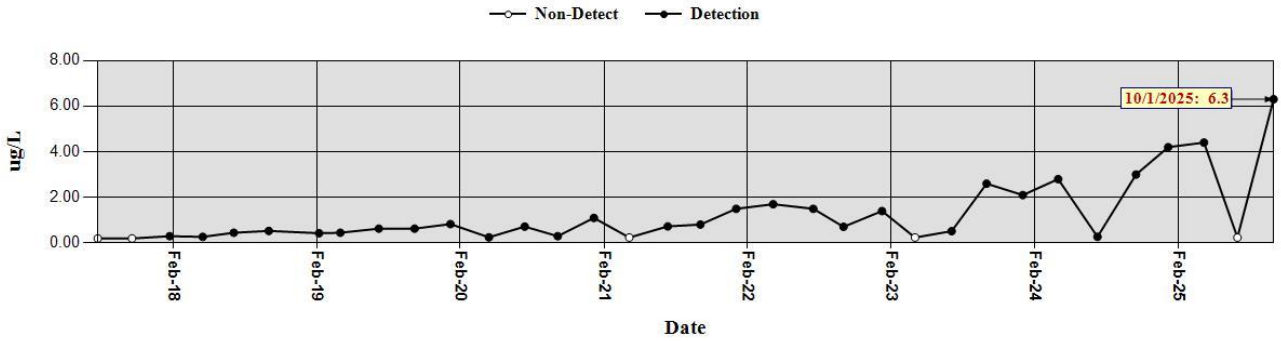
CAS RN: 75-69-4 F11 - Trichlorofluoromethane

Analysis: 8260



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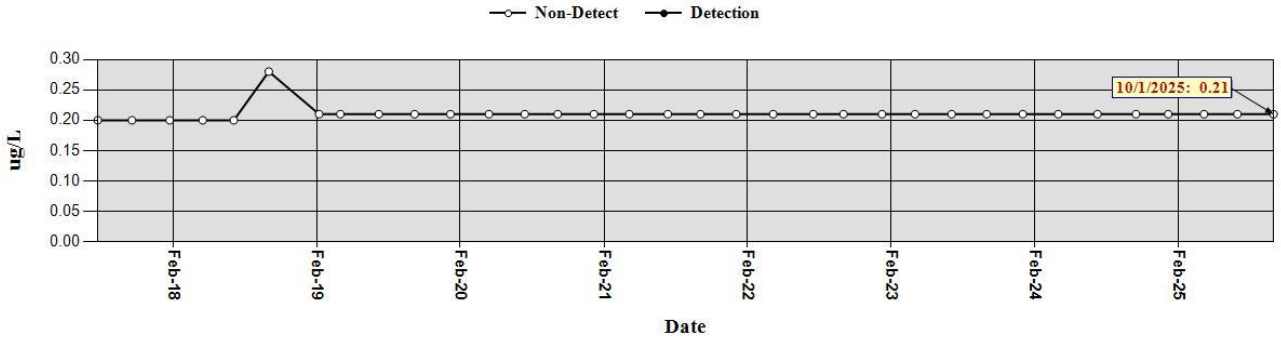

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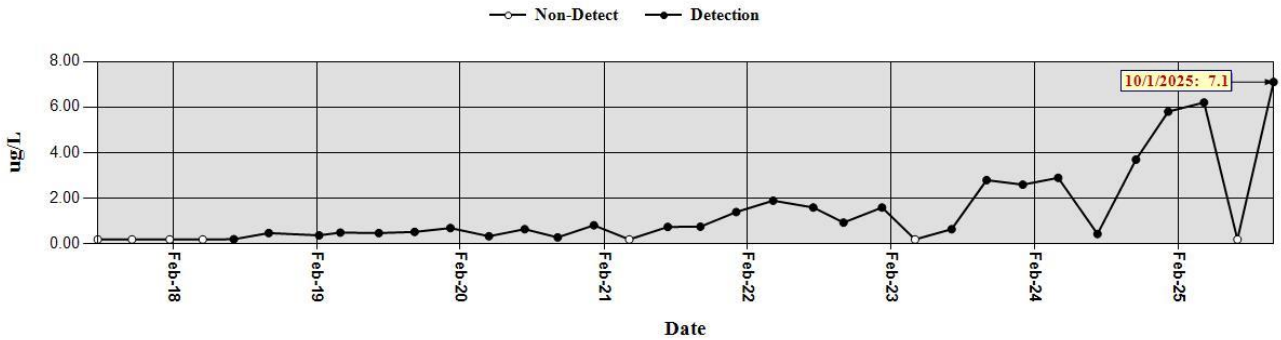
Analysis: 8260



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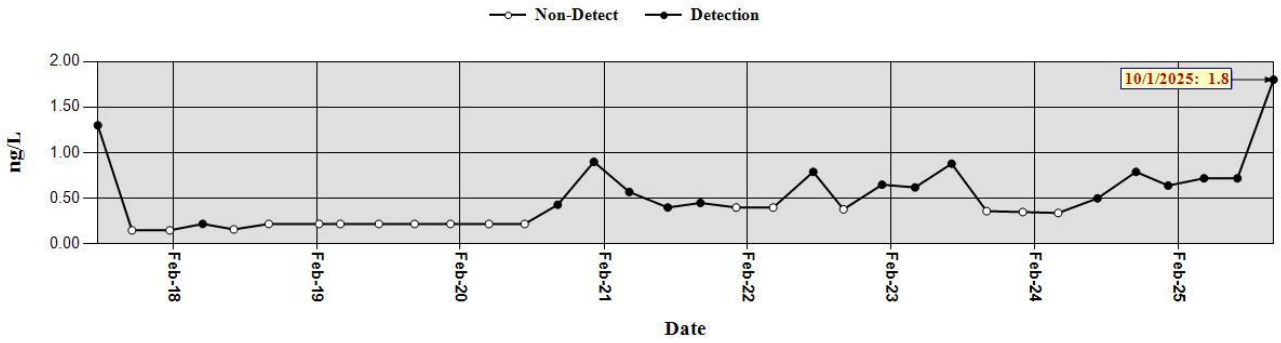
Analysis: NDMA_LL



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

NASA initiated work to abandon and replace two monitoring in the fourth quarter of 2025 as described in subsequent sections.

1.1.1 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, 2023j). 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, 2023x). 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, 2023x) and directed NASA to provide a well completion report no later than November 30, 2024.

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 is expected to replace former monitoring well BLM-1-435. They initiated drilling before leaving WSTF for the holidays on December 21, 2025. NASA expects to complete installation and sampling of the two replacement wells, and to plug and abandon wells BLM-1-435 and PL-3-543 during the first quarter of 2026.

1.1.2 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, 2023f). NMED approved the report on February 6, 2024

(NMED, 2024d). Refer to Section 1.4.1 of this appendix for information related to replacement well 600B-001-GW.

1.1.3 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.

1.1.4 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, 2021m). 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, 2022g). NMED approved the work plan on October 31, 2022 (NMED, 2022n). 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 continued reviewing the report in the fourth quarter or 2025.

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, 2025m). NMED continued reviewing the report in the fourth quarter of 2025.

1.3 Well Installation

1.3.1 New Well 600C-001-GW

NASA submitted the *Work Plan for Drilling and Installation of Monitoring Well 600C-001-GW at the NASA White Sands Test Facility (WSTF)* on August 31, 2021 (NASA, 2021s, pp1-2). NASA received NMED's October 14, 2021 fee assessment and invoice for review of the plan and provided the $2,000 review on October 28, 2021. NMED approved the work plan with modifications on April 25, 2022 (NMED, 2022e) and directed NASA to submit a well completion report no later than April 28, 2023.

NASA submitted the *Request for Extension of Time for Submittal of the Completion Report for Installation of Monitoring Well 600C-001-GW* on April 12, 2023. NMED approved the request on May 10, 2023 (NMED, 2023i), extending the due date for submittal of the report to October 29, 2023. NASA submitted the *Request for Second Extension of Time for Submittal of the Completion Report for Monitoring Well 600C-001-GW* on September 15, 2023 (NASA, 2023y). NMED approved the request on October 4, 2023 (NMED, 2023q), extending the date for submittal of the well completion report to July 31, 2024. NASA performed no further planning in the third and fourth quarters of 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 4) provided specific information related to NASA's expected schedule for replacement well 600C-001-GW. NMED directed NASA to submit a request for extension of time for submittal of the well completion report (NMED, 2025a). NASA submitted the *Request to Indefinitely Defer Submittal of the Completion Report for Monitoring Well 600C-001-GW* on April 29, 2025 (NASA, 2025l). NMED approved the request on July 17, 2025 (NMED, 2025h).

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

NASA submitted the *Well Reconfiguration Report for Well BLM-28 and Notice of Intent to Plug and Abandon* on May 4, 2020 (NASA, 2020f). On November 19, 2020, NMED provided requirements for abandonment and replacement of the well (NMED, 2020k). The requirements were that after complete evaluation of all available data and information, NASA would then either submit a work plan for a replacement monitoring well or formally notify NMED that BLM-28 will not be replaced no later than January 31, 2022.

Following NMED's direction from the November 19, 2020 response for reconfiguring BLM-28, NASA submitted a work plan for abandonment of well BLM-28 on April 29, 2021 (NASA, 2021f). NASA then determined that a replacement well is necessary and developed and submitted the *NASA WSTF Work Plan for Drilling and Installation of Monitoring Well 600B-001-GW* on August 31, 2021 (NASA, 2021r, p1). NMED approved the work plan with modifications on April 25, 2022 (NMED, 2022g). NASA abandoned well BLM-28 in the first quarter of 2023 and submitted the *Abandonment Report for NASA Well BLM-28* on March 14, 2023 (NASA, 2023f). NASA submitted the *Fee Assessment for Well BLM-28 Abandonment Report (NMED Invoice Number HWB-NASA-23-004)* on May 11, 2023. NMED approved the report on February 6, 2024 (NMED, 2024e). NASA proposed an updated schedule for well installation 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, page 5). NMED directed NASA to submit a request for extension of time for submittal of the well completion report (NMED, 2025a). NASA submitted the *Request to Indefinitely Defer Submittal of the Completion Report for Monitoring Well 600B-001-GW* on April 29, 2025 (NASA, 2025k). NMED approved the request on July 17, 2025 (NMED, 2025g).

1.4.2 BLM-30/BLM-43

On November 5, 2020, NMED issued an approval with modifications (NMED, 2020i) 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, 2021d) 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, 2021v). NMED approved the request on October 27, 2021, which extended the due date for submittal of the report to November 30, 2022 (NMED, 2021l). 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, 2022e). NMED approved the request on June 6, 2022 (NMED, 2022g), 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, 2023h) on April 12, 2023l NMED approved the request on May 10, 2023 (NMED, 2023k), 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, 2023x). NMED approved the request on October 4, 2023 (NMED, 2023p), 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, 2021k, 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, 2022c). 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, 2023g). 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, 2023l). NMED disapproved the report on February 6, 2024 (NMED, 2024e) 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, 2024l) 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, 2024i). 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 fourth quarter of 2025.

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* (2/27/2020) and on June 3, 2021 issued an Approval with Modifications (NMED, 2021i). 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, 2021q, 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, 2021w). NMED approved the work plan on August 8, 2022 (NMED, 2022k). 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, 2023i). 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, 2024e) 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, 2024o).

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, 2020p). 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, 2021e, pp2-4). NMED disapproved the work plan on February 6, 2024 (NMED, 2024e) 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 continued review of the revised work plan during the fourth quarter of 2025.

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, 2022m). 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, 2023k). NMED approved the revised report with modifications on April 18, 2024 (NMED, 2024g). 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, 2024j). 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 fourth quarter of 2025.

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, 2019e) was the first document submitted. NMED disapproved the work plan on March 19, 2021 (NMED, 2021e) 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, 2021m). NMED approved the revised work plan on May 2, 2023 (NMED, 2023h). 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, 2023w). NMED approved the expanded scope on November 1, 2023 (NMED, 2023t).

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 third quarter of 2025.

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, 2019p; revised). NMED disapproved report on March 19, 2021 (NMED, 2021f) 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, 2021p, Response Table). NMED approved the third revision of the *NASA WSTF 400 Area Closure Investigation Report* with modifications on May 2, 2023 (NMED, 2023h). NASA addressed three NMED comments and submitted a revised report on July 11, 2023 (NASA, 2023t).

NASA also submitted the *400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* on May 29, 2019 (NASA, 2019c) and the related *300 Area Supplemental Abbreviated Drilling Work Plan* (NASA, 2019e) (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, 2021d), 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, 2021n, Response Table). NMED approved the revised *400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* with modifications on May 2, 2023 (NMED, 2023h). 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, 2023q).

NASA performed project planning to implement the NMED-approved *400 Area Supplemental Groundwater and Soil Vapor Monitoring Plan* (NASA, 2023q). 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, 2024h). NMED approved the request on May 16, 2024, extending the due date for submittal of the report to July 30, 2024 (NMED, 2024h). 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, 2024m). NMED approved the request on July 31, 2024, extending the due date for submittal of the report to August 30, 2024 (NMED, 2024j). 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 fourth quarter of 2025.

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 fourth quarter of 2025.

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 third quarter of 2025.

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, 2025n). NMED continued reviewing the report in the fourth quarter of 2025.

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 fourth quarter of 2025.

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, 2025j). 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, 2019i) and NMED's August 23, 2019 approval (NMED, 2019e).

In 2019, NASA performed a seismic reflection and reflection survey in accordance with the AIWP and work scope modification (NASA, 2019n). 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, 2019o). 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, 2020e).

On December 22, 2020, NMED issued its *Approval with Modifications 600 Area Closure Geophysical Survey Status Report* (NMED, 2020l) 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, 2021g) 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, 2021j). 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, 2020l). 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, 2022d). NMED approved the request and granted a "*no longer contained in determination*" on April 18, 2022 (NMED, 2022d). NASA prepared and submitted the *600 Area Perched Groundwater Investigation Report* on June 29, 2022 (NASA, 2022h) and provided the fee for review of the report on August 9, 2022 (NASA, 2022j). 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, 2023m). 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, 2023v). 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, 2023ee). 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, 2024n). 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, 2025o). NMED continued reviewing the report in the fourth quarter of 2025.

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

2.5.1 100 Area Lagoons

On May 29, 2019, NASA submitted the *NASA WSTF (White Sands Test Facility) 100 Area Wastewater Lagoons Closure (SWMU 2) Interim Status Report* (NASA, 2019d). NMED responded to that report on May 14, 2020 (NMED, 2020d) and informed NASA that comments would be incorporated into the SWMU 2 Investigation Report. NASA submitted the *NASA White Sands Test Facility (WSTF) 100 Area Wastewater Lagoons Closure (SWMU 2) Investigation Report on* August 3, 2020 (NASA, 2020h). NMED disapproved the report on July 6, 2022 (NMED, 2022h) and directed NASA to provide a revised report no later than January 31, 2023.

After completing investigation fieldwork at the 200 Area lagoons in February 2023, NASA and the subcontracted drilling company moved drilling equipment to the 100 Area lagoons. In late February and March 2023, NASA completed the installation of all required soil borings at the 100 Area lagoons. The required soil samples were collected at each boring and 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 Extension of Time for NASA White Sands Test Facility (WSTF) 100 Area Wastewater Lagoons Closure (SWMU 2) Investigation Report Response to Disapproval* on January 18, 2023 (NASA, 2023a). NMED approved the request on May 23, 2023, extending the due date for submittal of the report to August 31, 2023 (NMED, 2023l). Because of unexpected project delays, NASA submitted the *Request for Third Extension of Time for NASA White Sands Test Facility (WSTF) 100 Area Wastewater Lagoons Closure (SWMU 2) Investigation Report Response to Disapproval* on August 3, 2023 (NASA, 2023r). Additional delays resulted in NASA's submittal of the *Request for Fourth Extension of Time for NASA White Sands Test Facility (WSTF) 100 Area Wastewater Lagoons Closure (SWMU 2) Investigation Report Response to Disapproval* on October 11, 2023 (NASA, 2023z). NMED approved the request on November 1, 2023 (NMED, 2023u), extending the due date for submittal of the report to March 24, 2024. NASA submitted the *Request for Fifth Extension of Time for NASA White Sands Test Facility (WSTF) 100 Area Wastewater Lagoons Closure (SWMU 2) Investigation Report Response to Disapproval* on February 28, 2024 (NASA, 2024d). NMED approved the request on March 22, 2024 (NMED, 2024f), extending the due date for submittal of the report to August 30, 2024. NASA completed revising the report and performed the required health risk assessment during the third quarter of 2024. NASA submitted the *Response to Disapproval of the NASA WSTF 100 Area Wastewater Lagoons Closure (SWMU 2) Investigation Report* on August 29, 2024 (NASA, 2024r). NMED approved the report with comments on November 17, 2025 (NMED, 2025i). NASA acknowledged the comments, but no revisions were required to the report. 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, 2019m). NMED disapproved the report on June 6, 2022 (NMED, 2022h) 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, 2022l), 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, 2023e). NMED approved the request on March 30, 2023, extending the due date for submittal of the report to August 31, 2023 (NMED, 2023e). 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, 2023t). NMED approved the request on September 14, 2023 (NMED, 2023o),

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, 2023dd). 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, 2024g). 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, 2024i). On November 17, 2025, NMED disapproved the revised report with three comments. NMED directed NASA to address the comments and submit a revised investigation report no later than March 20, 2026.

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, 2022i). 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, 2022m), 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, 2023e). NMED approved the request on March 30, 2023, extending the due date for submittal of the report to August 31, 2023 (NMED, 2023f). 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, 2023s). NMED approved the request on August 17, 2023 (NMED, 2023n), 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, 2023aa). NMED approved the request on October 25, 2023, extending the due date for submittal of the report to February 22, 2024 (NMED, 2023r). 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, 2024o). 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 fourth quarter of 2025.

2.5.4 STGT Lagoons

In February 2020, NASA and the drilling subcontractor completed installation of the five remaining soil borings at the Second Tracking and Data Relay Satellite Ground Terminal (STGT) Wastewater Lagoons. NASA collected and managed samples of subsurface soil and shipped them to the off-site laboratories for analysis. This activity completed soil sampling described in the NMED-approved work plan. NASA conducted soil vapor sampling at the STGT Wastewater Lagoons in March 2020. This completed all investigation fieldwork described in the NMED-approved work plan. *NASA White Sands Test Facility (WSTF) STGT Wastewater Lagoons Closure (AOC 51) Investigation Report* on October 13, 2020 (NASA, 2020m, p42). NMED disapproved the report on July 25, 2022 (NMED, 2022j) and directed NASA to submit a revised report no later than February 28, 2023.

After completing the drilling and soil sampling at the 100 Area lagoons in early March 2022, NASA and the subcontracted drilling company decontaminated all downhole drilling tools, moved operations to the STGT Area lagoons, and completed the seven soil borings for these lagoons. All drilling equipment and tooling were decontaminated, and the subcontracted drilling company demobilized from WSTF on March 23, 2023. The required soil samples were collected at each boring and 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 Extension of Time for NASA White Sands Test Facility (WSTF) Second Tracking and Data Relay Satellite Ground Terminal (STGT) Wastewater Lagoons Closure (Area of Concern [AOC] 51) Investigation Report Response to Disapproval* on January 18, 2023 (NASA, 2023b). NMED approved the request on May 10, 2023, extending the due date for submittal of the report to August 31, 2023 (NMED, 2023j). Because of unexpected project delays, NASA submitted the *Request for Third Extension of Time for NASA White Sands Test Facility (WSTF) Second Tracking and Data Relay Satellite Ground Terminal (STGT) Wastewater Lagoons Closure (Area of Concern [AOC] 51) Investigation Report Response to Disapproval* on August 24, 2023 (NASA, 2023u). NMED approved the request on September 14, 2023 (NMED, 2023o), extending the due date for submittal of the revised report to November 21, 2023. NASA submitted the *Response to Disapproval of NASA White Sands Test Facility (WSTF) STGT Wastewater Lagoons Closure (AOC 51) Investigation Report* on November 20, 2023 (NASA, 2023cc). NMED approved the report with modifications on September 3, 2024 (NMED, 2024m). NMED directed NASA to address five comments and submit a revised report no later than November 21, 2024. NASA submitted the *Response to Approval w/Mods for STGT Wastewater Lagoons (AOC 51) IR* on September 9, 2024 (NASA, 2024w). As indicated in the NMED-approved investigation report, no further investigation work is required at AOC 51. 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)

NASA provided the *Response to Disapproval of the NASA WSTF 200 Area HWTL (SWMU 10) Investigation Report* to NMED on July 30, 2019 (NASA, 2019h). On November 16, 2020, NMED disapproved the revised report (NMED, 2020j) and directed NASA to address 16 comments and perform resampling along the hazardous waste transmission lines (HWTL) by August 30, 2021. On May 19, 2021, NASA requested that the due date for submittal of a revised report be extended from August 30, 2021 to November 30, 2021 (NASA, 2021i). NMED approved this extension on July 7, 2021 (NMED, 2021k). NASA completed the collection of replacement soil samples for the analysis of volatile organic compounds along the HWTL on August 31, 2021. NASA installed 12 soil vapor implants at the sampling

locations nearest the 200 Area occupied buildings and collected soil vapor samples using 1-liter SUMMA canisters on September 23, 2021. Due to drilling and laboratory contractor backlogs related to the COVID pandemic, on September 14, 2021, NASA requested a second extension to submit the revised IR by January 31, 2022 (NASA, 2021t). NMED approved the request on January 25, 2022 (NMED, 2022b), extending the due date for submittal of the report to February 28, 2022. On November 1, 2023, NMED approved the *Response* to *Second Disapproval of NASA WSTF 200 Area HWTL (SWMU 10) Investigation Report and Risk Assessment Report* (March 4, 2022) (NASA, 2022a) and the *Response to Second Disapproval of NASA WSTF 200 Area HWTL (SWMU 10) IR Risk Assessment Report* (March 4, 2022) (NASA, 2022b) with modifications. NMED directed NASA to address 15 comments and submit a revised report no later than December 31, 2023 (NMED, 2023v). NASA submitted the *Response to Approval with Modifications of the NASA WSTF 200 Area HWTL (SWMU 10) Investigation Report and Risk Assessment Report* on December 27, 2023 (NASA, 2023gg). As indicated in that submittal, no further investigation work is required at SWMU 10. 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, 2021h). 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, 2021o) 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, 2021u, 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, 2023b). 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, 2023n).

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, 2023n) 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, 2024k). NMED approved the request on July 31, 2024,

extending the due date for submittal of the report to November 30, 2024 (NMED, 2024k). 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 fourth quarter of 2025.

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, 2019f) and issued the *Approval with Modifications Revised 800 Area Below Grade Storage Tank (SWMU 19) Investigation Report* on August 27, 2020 (NMED, 2020h).

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, 2019g, 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, 2021h, Response Table). NMED approved the revised *NASA White Sands Test Facility (WSTF) Septic Tanks (SWMUs 21-27) Investigation Report* on March 16, 2023 (NMED, 2023d) 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, 2023o).

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, 2024e). NMED reviewed the petition and issued the *Administratively Incomplete Determination* on September 3, 2024 (NMED, 2024m). 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 continued reviewing the permit modification request during the fourth quarter of 2025.

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, 2019k). 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, 2020i). NMED approved the reports on November 16, 2022 with modifications (NMED, 2022q) 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, 2023d).

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, 2024f). NMED reviewed the petition and issued the *Administratively Incomplete Determination* on September 3, 2024 (NMED, 2024m). 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 continued reviewing the permit modification request during the fourth quarter of 2025.

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)

Anticipating closure of Test Stand 302 apart from a full closure, NASA submitted the *NASA White Sands Test Facility (WSTF)300 Area Test Stand 302 Cooling Water Pond (SWMU 33) Investigation Work Plan (IWP) and Historical Information Summary (HIS)* (NASA, 2020j) on August 17, 2020. NMED disapproved the work plan on May 9, 2022 (NMED, 2022f). NMED directed NASA to address the comments and submit a revised work plan no later than September 15, 2022. NASA addressed NMED's 13 comments and submitted the *Response to Disapproval of NASA WSTF 300 Area Test Stand 302 Cooling Water Pond (SWMU 33) Investigation Work Plan (IWP) and Historical Information Summary (HIS)* on September 14, 2022 (NASA, 2022j). NMED approved the *Response to Disapproval of NASA WSTF 300 Area Test Stand 302 Cooling Water Pond (SWMU 33) IWP and HIS* (September 14, 2022) with modifications on January 19, 2024 (NMED, 2024c). NMED directed NASA to address five

comments and submit a revised work plan no later than April 30, 2024. NASA submitted the *Response to Approval with Modifications for the NASA WSTF 300 Area Test Stand 302 Cooling Water Pond (SWMU 33) Investigation Work Plan and Historical Information Summary* on April 26, 2024 (NASA, 2024f). Project planning was suspended in the fourth quarter 2024. NASA proposed an alternate investigation schedule for SWMU 33 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 9). 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 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)

NASA submitted the 500 Area Fuel Storage (SWMU 47) Investigation Work Plan on September 26, 2018 (NASA, 2018). NMED disapproved the work plan on August 8, 2019 (NMED, 2019d) and directed NASA to address 14 comments and submit a revised work plan by November 25, 2019. NASA submitted the *Response to Disapproval of 500 Area (SWMU 47) Investigation Work Plan* on November 21, 2019 (NASA, 2019l). NMED disapproved the revised work plan on March 19, 2021 and directed NASA to address five comments and submit a revised IWP no later than July 31, 2021 (NMED, 2021g). NASA addressed NMED's comments and submitted the *Response to Second Disapproval of 500 Area Fuel Storage (SWMU 47) Investigation Work Plan* on June 29, 2021 (NASA, 2021l, Response Table). NMED approved the revised work plan with modifications on March 1, 2023 (NMED, 2023c) and directed NASA to address three NMED comments and submit a revised work plan no later than May 31, 2023. NMED also directed NASA to perform the first phase of the investigation and provide an investigation report for NMED review no later than November 30, 2024. NASA submitted the *Response to Approval with Modifications 500 Area Fuel Storage (SWMU 47) Investigation Work Plan: Phase I* on May 22, 2023 (NASA, 2023m). Due to scheduling conflicts and personnel safety issues presented by 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, 2023p). 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, 2023s), but authorized NASA to postpone investigation fieldwork until the SWMU can be safely accessed.

2.13 SWMU 49 (700 Area Landfill)

NASA submitted the *NASA White Sands Test Facility (WSTF) SWMU 49 (700 Area Landfill) Phase I Investigation Work Plan (IWP) and Historical Information Summary (HIS)* on December 28, 2017 (NASA, 2017). NMED disapproved the work plan (NMED, 2018) and directed NASA to address eight comments and submit a revised work plan by May 31, 2019. NASA submitted the *Response to NMED Disapproval SWMU 49 (700 Area Landfill) Phase I Investigation Work Plan and Historical Information Summary* on March 28, 2019 (NASA, 2019b). NMED approved the work plan with modification on June 6, 2019 (NMED, 2019c). The planned investigation includes Phase 1A and Phase 1B soil vapor sampling and surface geophysics. In November 2019 and December 2019, NASA deployed 159 passive soil vapor samplers and completed the Phase 1A soil vapor survey. NASA and the subcontracted geophysics firm performed the EMI and magnetic gradient field surveys between February 24 and 28, 2020.

Because of project delays created by the COVID-19 pandemic, NASA submitted a *Request for Extension of Time for Submittal of the SWMU 49 (700 Area Landfill) Phase I Investigation Report* on May 4, 2020 (NASA, 2020e). NMED approved the request on July 1, 2020 (NMED, 2020f), extending the date for

submittal of the Phase 1 investigation report to March 31, 2021. Meanwhile, NASA completed procurement of the ground penetrating radar and passive seismic surveys as described in the NMED-approved landfill investigation work plan. Due to the ongoing pandemic, NASA submitted a *Second Request for Extension of Time for Submittal of the SWMU 49 (700 Area Landfill) Phase I Investigation Report* on February 3, 2021 (NASA, 2021b). NMED approved the request on March 15, 2021 (NMED, 2021c), extending the due date for submittal of the Phase 1 investigation report to April 29, 2022. NMED approved the *700 Area Landfill Closure (SWMU 49) Phase I Investigation Report* on February 10, 2023 (NMED, 2023a) and directed NASA to provide a Phase II work plan no later than October 31, 2023. NASA submitted the *700 Area Landfill (SWMU 49) Phase II Abbreviated Investigation Work Plan* on October 25, 2023 (NASA, 2023bb). On July 31, 2024, NMED approved the work plan with modifications (NMED, 2024l) and directed NASA to address two comments and submit a revised work plan no later than October 31, 2024. NASA submitted the *Response to Approval with Modifications of the NASA White Sands Test Facility (WSTF) 700 Area Landfill (SWMU 49) Phase II Abbreviated Investigation Work Plan* on October 30, 2024 (NASA, 2024bb). 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 3), NASA proposed an alternate schedule for performing the second phase of SWMU 49 investigation work. 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 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)

NASA submitted the *First Tracking Data Relay Satellite System (TDRSS) Diesel Release (SWMU 50) Investigation Report* on March 14, 2019 (NASA, 2019a). NMED disapproved the report on July 8, 2020 (NMED, 2020g) and directed NASA to address 17 NMED comments and submit a revised report no later than October 30, 2020. NASA submitted the *Response to Disapproval of First Tracking Data Relay Satellite System (TDRSS) Diesel Release (SWMU 50) Investigation Report and Risk Screen Evaluation Report* on November 9, 2020 (NASA, 2020n). NMED approved the reports on November 16, 2022 with modifications (NMED, 2022p) and directed NASA to address seven comments and submit revised reports no later than January 31, 2023. NASA addressed NMED's seven comments and submitted 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, 2023c). 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. NASA initiated a preliminary investigation and confirmed that the leak originated from a puncture in the return fuel line between emergency generator and the UST. NASA informed the NMED HWB of the release via email on August 13, 2020 and in writing in the August 17, 2020 *NASA White Sands Test Facility Hazardous Waste Operating Permit SWMU 52 Incident Notification* (NASA, 2020k). NASA submitted the *Second TDRSS Underground Storage Tank (SWMU 52) Release Assessment Report* to NMED HWB on February 18, 2021 (NASA, 2021c).

Parallel activities were performed with notifications and approvals provided to the NMED Petroleum Storage Tank Bureau (PSTB). During August and September 2020, White Sands Complex personnel coordinated corrective action for this release through the NMED PSTB. On September 21, 2020, NASA submitted the *NASA White Sands Test Facility Hazardous Waste Operating Permit SWMU 52 Incident*

Update (NASA, 2020l. p7). The update summarized corrective action performed to date, including the removal of 32 cubic yards ($yd^{3)}$ of diesel-contaminated soil from the area of the leak. NASA then submitted the *Second TDRSS UST Minimum Site Assessment Work Plan* (NASA, 2020o) to the PSTB on November 18, 2020. The work plan described an investigation to determine the extent and magnitude of soil contamination caused by the diesel release. On February 4, 2021 (NMED PSTB, 2021), the NMED PSTB approved NASA's *Second TDRSS UST Minimum Site Assessment Work Plan* of November 18, 2020 (NASA, 2020o, pp3-6). NASA submitted the *Second TDRSS UST Minimum Site Assessment Report* to the NMED PSTB on June 25, 2021 (NASA, 2021j). The HWB was copied. The work conducted for the investigation and report had been under a PSTB-approved Minimum Site Investigation Work Plan (NMED, 2021b).

In December 2020, NASA completed shipping the remaining petroleum contaminated soil previously removed from the release location soil to the Valencia Regional Landfill and Recycling Facility for bioremediation and disposal. In total, approximately 214 yd^3 of contaminated soil was removed from the release area. NASA drilled five boreholes for characterization of the release from March 22 through March 26, 2021 in accordance with the work plan.

The NMED HWB disapproved the *Second TDRSS UST Minimum Site Assessment Report* on March 1, 2022 and directed NASA to address four NMED comments and submit a revised report no later than May 6, 2022 (NMED, 2022c). NASA submitted the *Response to Disapproval of NASA WSTF Second TDRSS Underground Storage Tank (SWMU 52) Release Assessment Report* on April 26, 2022 (NASA, 2022f). NMED approved the report with a modification on August 8, 2022 (NMED, 2022l). 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, 2019j). NMED acknowledged receipt of NASA's fifteen-day notification on November 13, 2019 (NMED, 2019f) 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, 2020g, 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, 2021n). 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, 2022i). NMED approved the work plan with modifications on November 1, 2023 (NMED, 2023w). NMED directed NASA to address five comments and submit a revised work plan no later than December 29, 2023 (NMED, 2023w). 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, 2023ff).

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, 2022k), 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, 2022o). The unit is identified as SWMU 54 in the 2023 RCRA Permit (NMED, 2023g).

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, 2023ff). 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, 2024n). 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 fourth quarter of 2025.

3.0 References

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NMED Hazardous Waste Bureau. (2022b, January 25). *Approval Request for Third Extension of Time for Submittal of Response to Disapproval of Hazardous Waste Transmission Lines (SWMU 10) Investigation Report.* Santa Fe, NM.

NMED Hazardous Waste Bureau. (2022c, March 1). *Disapproval Second TRDSS Underground Storage Tank (SWMU 52) Release Assessment Report*. Santa Fe, NM.

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NMED Hazardous Waste Bureau. (2022e, April 25). *Approval with Modification Work Plan for Drilling and Installation of Monitoring Well 600B-001-GW.* Santa Fe, NM.

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NMED Hazardous Waste Bureau. (2025j, November 17). *Approval with Comments 600 Area Perched Groundwater Extraction Pilot Test (PGEPT) Annual Reporting into Projected Targeted Mobile Remediation Process (TMRP) Annual Reporting*. Santa Fe, NM.