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Symbol: EPC-DO: 25-384

Date: January 28, 2026

LA-UR: 26-20300

Locates Action No.: U2200542

Justin Ball, Chief
Ground Water Quality Bureau
New Mexico Environment Department
Harold Runnels Building, Room N2261
Santa Fe, NM 87502

Subject: DP-1132, Monitoring Report, Radioactive Liquid Waste Treatment Facility, Annual Update and Fourth Quarter 2025

Dear Mr. Ball:

On May 5, 2022, the New Mexico Environment Department (NMED) issued Discharge Permit DP-1132 to the U.S. Department of Energy, National Nuclear Security Administration (NNSA) and Triad National Security, LLC (Triad) for discharges of treated effluent from the Technical Area 50 Radioactive Liquid Waste Treatment Facility (RLWTF). Pursuant to Permit Condition Numbers (Nos.) 1 and 24, NNSA and Triad are required to submit a quarterly monitoring report by February 1, 2025. The following permit conditions are addressed in Attachments 1 through 13 of this report.

- Condition No. 1: Annual Update
- Condition No. 8: Water Tightness Testing Results
- Condition No. 10: Settled Solids Measurements
- Condition No. 13: Maintenance and Repair
- Condition No. 14: Damage to Structural Integrity
- Condition Nos. 25 and 26: RLWTF Influent Volumes
- Condition No. 27: Discharge Volumes
- Condition No. 29: Effluent Sampling
- Condition No. 30: Soil Moisture Monitoring System for the Solar Evaporative Tank System
- Condition No. 36: Groundwater Monitoring
- Condition No. 41: Stabilization of Specific Units and Systems that have Ceased

Please contact Robert A. Gallegos at (505) 901-3824 or robert.gallegos@nnsa.doe.gov or contact Brian M. Iacona at (505) 500-6038 or biacona@lanl.gov if you have questions regarding this monitoring report.

Sincerely,

SARAH HOLCOMB
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Sarah S. Holcomb
Group Leader
Environmental Compliance Programs
Triad National Security, LLC

Sincerely,

**ROBERT
GALLEGOS**

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Robert A. Gallegos
Permitting and Compliance Program Manager
National Nuclear Security Administration
U.S. Department of Energy

Attachment: Attachment 1 RLWTF Monitoring Report – Fourth Quarter 2025 and 2025 Annual Update
Attachment 2 Quarterly Summary of Maintenance and Repair Activities Conducted at the RLWTF
Attachment 3 RLWTF Daily Influent and Effluent Volumes
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Attachment 1

RLWTF Monitoring Report – Fourth Quarter 2025 and Annual Update

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026

Condition No. 24: Monitoring Reports

Pursuant to Permit Condition Number (No.) 24, the U.S. Department of Energy, National Nuclear Security Administration (NNSA) and Triad National Security, LLC (Triad) are required to submit a quarterly monitoring report and annual update by February 1, 2026, for the monitoring period of October 1, 2025, through December 31, 2025 (fourth quarter). The following permit conditions are addressed in Attachments 1 through 13 of this report.

- Quarterly Monitoring Report
 - Condition No. 1: Annual Update
 - Condition No. 8: Water Tightness Testing Results
 - Condition No. 10: Settled Solids Measurements
 - Condition No. 13: Maintenance and Repair
 - Condition No. 14: Damage to Structural Integrity
 - Condition Nos. 25 and 26: RLWTF Influent Volumes
 - Condition No. 27: Discharge Volumes
 - Condition No. 29: Effluent Sampling
 - Condition No. 30: Soil Moisture Monitoring System for the Solar Evaporation Tank System
 - Condition No. 32: Ground Water Flow Report
 - Condition No. 36: Groundwater Monitoring
 - Condition No. 41: Stabilization of Specific Units and Systems that have Ceased

Condition No. 13: Maintenance and Repair

The Permittees shall submit to NMED a summary and description of the maintenance and repair activities performed on the Facility as part of the quarterly monitoring reports.

- **Attachment 2** provides a summary of the maintenance and repair activities conducted at the Radioactive Liquid Waste Treatment Facility (RLWTF) during the fourth quarter 2025 monitoring period.

Condition No. 14: Damage to Structural Integrity

In the event that an inspection reveals damage likely to affect the structural integrity of a unit or system the Permittees shall take the affected unit out of service as quickly as possible, notify NMED orally within 24 hours, and shall propose the repair or replacement of the treatment system or its associated components.

- On August 31, 2022, NMED was notified that the south treated effluent tank at the RLWTF was taken out of service when treated effluent was discovered to have wept onto the exterior surface of the tank. Corrective Action Plans were submitted to NMED on September 30, 2022 (EPC-DO:22-264), and November 21, 2022 (EPC-DO: 22-315). Corrective Action Plan Implementation Extension Requests were submitted to NMED in August 2023 (EPC-DO:

23-274) and January 2025 (EPC-DO:25-023). NMED approved the latest request on March 4, 2025.

- An epoxy resin patch and an additional welded patch were applied to the thinning area of the tank in January and February 2023.
- The new treated effluent flow meters required for replacement of the South Treated Effluent Tank were brought online and operational during the first quarter of 2025.
- The replacement effluent tanks were received on-site in April 2025.
- Demolition and removal of the south treated effluent tank and associated piping was completed in August 2025.
- Installation of the two replacement effluent tanks inside the facility was initiated during the third quarter of 2025 and continued in the fourth quarter of 2025.

Condition No. 25: Influent Volumes: Low-Level Radioactive Wastewater

The total daily and monthly volumes of RLW influent conveyed to the Facility shall be submitted to NMED in the quarterly monitoring reports.

- **Attachment 3** provides the total daily and monthly volumes of low-level radioactive wastewater (RLW) received by the RLWTF during the fourth quarter 2025 monitoring period.

Condition No. 26: Influent Volumes: Transuranic Wastewater

The total daily and monthly volumes of TRU influent received by the Facility shall be submitted to NMED in the quarterly monitoring reports.

- **Attachment 3** provides the total daily and monthly volumes of transuranic (TRU) influent wastewater received by the RLWTF during the fourth quarter 2025 monitoring period.

Condition No. 27: Discharge Volumes

The Permittees shall measure and record the volume of treated wastewater discharged to the SET, MES, and Outfall 051 on a daily basis.

- **Attachment 3** provides the daily volume of treated effluent discharged to the Mechanical Evaporator System (MES) during the fourth quarter 2025 monitoring period.
- No treated effluent was discharged to National Pollutant Discharge Elimination System (NPDES) Outfall 051 or the Solar Evaporative Tank System (SET) during the fourth quarter 2025 monitoring period.

Condition No. 29: Effluent Sampling

The Permittees shall sample and analyze effluent waste streams discharged to Outfall 051, the SET, and the MES.

- **MES Sampling.** Treated effluent from the RLWTF was discharged to the MES this quarter during the months of October, November, and December. Quarterly sampling for all water contaminants listed in 20.6.2.3103 NMAC, all toxic pollutants as defined in 20.6.2.7.T(2) NMAC, and total kjeldahl nitrogen (TKN) was completed on October 14th. All sample results were either not detected or less than 20.6.2.3103 NMAC standards and tap water screening levels for 20.6.2.7.T(2) NMAC.

Monthly sampling for TKN, nitrate as nitrogen, total dissolved solids, chloride, fluoride, and perchlorate was completed on November 4th and December 2nd. All sample results were either not detected or less than 20.6.2.3103 NMAC standards and tap water screening levels for 20.6.2.7.T(2) NMAC.

The analytical results collected from the MES in the fourth quarter of 2025 are included in **Attachment 4, Tables 1, 2, and 3.**

- **NPDES Outfall 051 Sampling.** No treated effluent from the RLWTF was discharged to NPDES Outfall 051 during the fourth quarter of 2025. Therefore, no effluent sampling from the NPDES Outfall 051 was completed during the fourth quarter 2025 monitoring period.
- **SET Sampling.** No treated effluent was discharged to the SET during the fourth quarter of 2025. Therefore, no effluent sampling from the SET was completed during the fourth quarter 2025 monitoring period.

Condition No. 30: Soil Moisture Monitoring System for the SET

The permittees shall perform quarterly soil moisture monitoring in the moisture monitoring boreholes and shall provide this information in the quarterly reports.

- No treated effluent was discharged to the SET during the fourth quarter 2025 monitoring period.
 - In accordance with Permit Condition No. 30, the SET-Soil Moisture Monitoring System Completion Report (EPC-DO: 22-132) was submitted to NMED on June 29, 2022. NMED approved the report on May 18, 2023.
 - Baseline monitoring of all SET moisture monitoring boreholes continued in the fourth quarter with quarterly monitoring completed in October and November 2025.
-

Condition No. 36: Ground Water Monitoring

The Permittees shall collect ground water samples from the following ground water monitoring wells: MCA-RLW-1, MCA-RLW-2, and MCOI-6 on a quarterly basis and analyze the samples for TKN, NO₃-N, TDS, Cl, F, and perchlorate.

- **Attachment 5** provides the complete ground water monitoring report from the quarterly sampling of perched/intermediate ground water monitoring well MCOI-6 on November 24, 2025.

Sample results from MCOI-6 for TKN, NO₃+NO₂-N, TDS, Cl, F, and ClO₄ are provided in **Attachment 5, Table 1**. These samples were submitted to GEL Laboratories, LLC for analysis. All results from the November 24, 2025, sampling event at MCOI-6 were either not detected or below 20.6.2.3103 NMAC standards and 20.6.2.7.T NMAC screening levels, with the exception of the following:

- NO₃+NO₂-N was detected at a concentration of 15.4 mg/L (regular sample) and 14.9 mg/L (field duplicate). The 20.6.2.3103 NMAC standard for NO₃-N is 10 mg/L. The average NO₃+NO₂-N concentration at MCOI-6 during the 5-yr period from 2021 through 2025 was 15.1 mg/L with multiple exceedances of the 10 mg/L standard. Detections of NO₃+NO₂-N at MCOI-6 at concentrations greater than the ground water standard were previously identified and reported to NMED. Monitoring well MCOI-6 will continue to be routinely sampled for NO₃+NO₂-N in accordance with DP-1132 and pursuant to the Compliance Order on Consent (Consent Order).
- ClO₄ was detected at a concentration of 135 µg/L (regular sample) and 134 µg/L (field duplicate). The 20.6.2.7.T NMAC guidance for ClO₄ is 13.8 µg/L. The average ClO₄ concentration at MCOI-6 during the 5-yr period from 2021 through 2025 was 113 µg/L. Detections of ClO₄ at MCOI-6 at concentrations greater than the 20.6.2.7.T NMAC guidance screening levels were previously identified and reported to NMED. Monitoring well MCOI-6 will continue to be routinely sampled for ClO₄ in accordance with DP-1132 and pursuant to the Consent Order.

Quarterly samples were not collected from alluvial monitoring wells MCA-RLW-1 or MCA-RLW-2 during this period due to insufficient water in the wells. **Attachment 5** provides the ground water monitoring report for these alluvial wells collected on November 3, 2025.

A map showing the location of ground water monitoring wells MCA-RLW-1, MCA-RLW-2, MCOI-6, R-1, R-14, R-46 and R-60 is provided in **Attachment 6**.

Condition No. 41: Stabilization of Specific Units and Systems That Have Ceased

The Permittees shall provide NMED quarterly progress reports describing stabilization activities for each quarter in accordance with the time periods and submittal dates required for monitoring reports in Condition 24.

On September 26, 2023, a Revised Integrated Schedule of Stabilization Activities at the RLWTF (EPC-DO: 23-294) was submitted to NMED for review. NMED approval was received on May 6th, 2024.

The current status of each unit and system listed in Permit Condition No. 41 is listed below.

Clarifier #1

- Stabilization activities for Clarifier #1 were completed under the Stabilization Plan for the Low-Level Clarifier #1 submitted to NMED on December 4, 2018 (EPC-DO: 18-428). This workplan was approved by NMED on December 27, 2018.
- Stabilization of Clarifier #1 was completed on June 10, 2024. The required Clarifier #1 Stabilization Completion Report (EPC-24-085) was submitted to NMED on July 2, 2024.

Clarifier #2

- Stabilization activities for Clarifier #2 are being completed under the Stabilization Plan for Low-Level Clarifier #2 Tank submitted to NMED on January 25, 2019 (EPC-DO: 19-007). This workplan was approved by NMED on April 25, 2019.
- Removal of excess chemicals was completed in 2019.
- The chemical feed system was dismantled in May 2021.
- Planning efforts were completed during the fourth quarter of 2025 to enable progress on remaining stabilization activities associated with Clarifier #2.
- No additional stabilization milestones were completed during the reporting period for this unit.
- The established completion date for stabilization of Clarifier #2 is September 2026.

75K Tank

- Stabilization activities for the 75K Tank are being completed under the Stabilization Plan for 75K Tank submitted to NMED on January 25, 2019 (EPC-DO: 19-007). This workplan was approved by NMED on April 25, 2019.
- The 75K Tank was operationally emptied in 2019.
- The 75K Tank will remain available for use as emergency storage.
- No additional stabilization milestones were completed during the reporting period for this unit.

- The established completion date for stabilization of the 75K Tank is September 2030.

100K Tank

- Stabilization activities for the 100K Tank are being completed under the Stabilization Plan for the 100K Tank submitted to NMED on December 4, 2018 (EPC-DO: 18-428). This workplan was approved by NMED on December 27, 2018. Requests for Extensions of Time to complete mobilization for 100K Tank Stabilization (EPC-DO: 19-372 and EPC-DO: 19-470) were previously submitted to and approved by NMED as previously reported.
- The 100K Tank was emptied of all process liquids in 2019.
- No additional stabilization milestones were completed during the reporting period for this unit.
- The established completion date for stabilization of the 100K Tank is September 2030.

Gravity Filter

- Stabilization activities for the Gravity Filter are being completed under the Stabilization Plan for Gravity Filter submitted to NMED on January 25, 2019 (EPC-DO: 19-007). This workplan was approved by NMED on April 25, 2019.
- Stabilization of the Gravity Filter has been initiated with the removal of unused chemicals and the chemical feed system.
- No additional stabilization milestones were completed during the reporting period for this unit.
- The established completion date for stabilization of the Gravity Filter is September 2029.

WM2-North/South Tanks

- Stabilization activities for the WM2-North/South Tanks are being completed under the Stabilization Plan for the WM2-North/South Tanks submitted to NMED on January 25, 2019 (EPC-DO: 19-007). This workplan was approved by NMED on April 25, 2019.
- Stabilization of the WM-2-North/South Tanks was completed on June 17, 2025. The required WM-2-North/South Tanks Stabilization Completion Report (EPC-DO: 25-043) was submitted to NMED on July 16, 2025.

2025 ANNUAL UPDATE

Condition No. 1: Annual Update - Annual Facility Process Description

The Permittees shall submit to NMED an updated Facility Process Description annually by February 1 of each year in conjunction with the February Quarterly Report. The annual Facility Process Description shall include the following:

a. A schematic of all major structures associated with the Facility, including all influent lines, buildings, exterior tanks, effluent lines, outfall, and discharge locations identified in this Discharge Permit.

- **Attachment 7** provides a schematic of all major structures at the RLWTF.
- **Attachment 8** provides a schematic showing treatment units to be stabilized.

b. A comprehensive flow chart demonstrating the most current processes in operation for the collection, treatment, and disposal of wastewater for the Facility. The flow chart shall indicate any processes which have been by-passed, decommissioned, or are no longer used for the collection, treatment, or final disposal of the wastewater.

- **Attachment 9** provides an overview flow chart of current treatment processes.
- **Attachment 10** provides a detailed flow chart of current treatment processes.

c. An associated narrative describing each of the systems and treatment units outlined in the flow chart. This narrative shall include the collection system, primary treatment units, secondary treatment units and any systems used in the disposition of any associated waste streams at the Facility.

- **Attachment 11** provides a narrative describing systems and treatment units at the RLWTF.

2025 Facility Maintenance and Repair Activities

- **Attachment 2** provides a summary of the maintenance and repair activities conducted at the RLWTF during the October 1 – December 31, 2025, monitoring period.
- Maintenance and repair activities conducted at the RLWTF during previous quarters in 2025 were previously submitted as follows:
 - January 1 – March 31 activities were submitted to NMED on April 30, 2025 (EPC-DO-25-111) in **Attachment 2**.

- April 1 – June 30 activities were submitted to NMED on July 31, 2025 (EPC-DO-25-203) in **Attachment 2**.
- July 1 – September 30 activities were submitted to NMED on November 5, 2025 (EPC-DO-25-279) in **Attachment 2**.

Condition No. 8: Water Tightness Testing

The Permittees shall demonstrate that each unit and system intended to convey, store, treat or dispose of a liquid or semi-liquid waste stream without secondary containment is not leaking and is otherwise fit for use. The Permittees shall submit to NMED the procedures and findings of the evaluation in the Annual Update (Condition 1) by February 1 of each year immediately following the date when the water tightness test was performed.

- **RLWTF to SET Pipeline.** Water tightness testing of the pipeline from the RLWTF to the SET was successfully completed in June 2025 and a report of the testing is included in **Attachment 13**. The SET is not currently operational but will be placed into service after facility upgrades are completed.
- **RLWTF to NPDES Outfall 051 Pipeline.** Water tightness testing of the pipeline from the RLWTF to NPDES Outfall 051 was successfully completed in June 2025 and a report of the testing is included in **Attachment 13**.

Condition No. 10: Settled Solids; Settled Solids Removal

The Permittees shall inspect and measure the thickness of the settled solids in the SET on an annual basis. The Permittees shall submit a summary report of all settled solids activities to NMED in the Annual Report submitted by February 1 of each year as well as the Quarterly Report for the period during which the activity occurs.

- The SET has not been placed in service. No treated effluent was discharged to the SET during the monitoring period. Based on these factors, measurements and/or removal of settled solids did not occur during 2025.

Condition No. 32: Ground Water Flow

The Permittees shall submit a ground water flow direction report to NMED in the Annual Report in conjunction with the Quarterly Report due February 1.

- **Attachment 12** provides an updated ground water flow direction report based on the hydrogeological conditions of the Pajarito Plateau incorporating regional groundwater monitoring well water level data.
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Condition No. 36: Annual Ground Water Monitoring: MCA-RLW-1, MCA-RLW-2, MCOI-6, R-1, R-14, R-46, R-60

The Permittees shall collect ground water samples from ground water monitoring wells on an annual basis and analyze the samples for all water contaminants listed in 20.6.2.3103 NMAC and all toxic pollutants listed in 20.6.2.7.T(2). The Permittees shall prepare ground water monitoring reports describing, in detail, the sampling and analytical methods used. The ground water monitoring report shall be submitted to NMED with the quarterly monitoring report required in this Discharge Permit.

Attachment 5 provides the complete groundwater monitoring report from annual sampling of alluvial ground water monitoring wells MCA-RLW-1 and MCA-RLW-2; perched/ intermediate ground water monitoring well MCOI-6; regional ground water monitoring wells R-1, R-14, R-46, and R-60. This report includes information collected from each well prior to sampling, analytical results, and sample chain of custodies.

- **Alluvial Well MCA-RLW-1**

- **Attachment 5** provides the complete groundwater monitoring report including information related to MCA-RLW-1. Annual sampling of alluvial well MCA-RLW-1 was not completed in 2025 because there was insufficient water in the well to enable sampling when visited throughout the year.

- **Alluvial Well MCA-RLW-2**

- **Attachment 5** provides the complete groundwater monitoring report including information related to MCA-RLW-2. Annual sampling of alluvial well MCA-RLW-2 was not completed in 2025 because there was insufficient water in the well to enable sampling when visited throughout the year.

- **Perched/Intermediate Well MCOI-6**

- **Attachment 5** provides the complete groundwater monitoring report collected from annual sampling at MCOI-6. All analytical results of constituents listed in 20.6.2.3103 NMAC and all toxic pollutants listed in 20.6.2.7.T(2) NMAC from 2025 at MCOI-6 are included in **Attachment 5, Table 2**. This well is routinely sampled pursuant to the Consent Order as part of the Chromium Investigation Monitoring Group and results from Consent Order related sampling events within the reporting period are included in this table. All results were either not detected or below 20.6.2.3103 NMAC standards and the 20.6.2.7.T NMAC guidance with the exception of the following:
 - Chromium was detected above the groundwater standard in one sample analyzed in 2025. Chromium was detected at 50.7 µg/L. The 20.6.2.3103 NMAC standard for chromium is 50 µg/L.

The average chromium concentration detected at MCOI-6 from 2021 through 2025 was 52.9 µg/L. The maximum chromium concentration during the referenced period was 60.6 µg/L. The presence of chromium at elevated concentrations in the perched/intermediate groundwater at MCOI-6 is documented in the LANL Annual Site Environmental Report.

Monitoring well MCOI-6 will continue to be routinely sampled for chromium in support of RLWTF and pursuant to Consent Order requirements for the Chromium Investigation Monitoring Group.

- Dioxane[1,4-] was detected above the screening level in three samples analyzed in 2025 with concentrations ranging from 24.1 to 32.8 µg/L. The 20.6.2.7.T NMAC guidance for dioxane[1,4-] is 4.59 µg/L.

The average dioxane[1,4-] concentration detected at MCOI-6 from 2021 through 2025 was 23.2 µg/L. The maximum dioxane[1,4-] concentration during the referenced period was 33.1 µg/L.

The presence of dioxane[1,4-] in the perched/intermediate groundwater at MCOI-6 has been documented in the LANL Annual Site Environmental Report.

- NO₃+NO₂-N and ClO₄ exceedances detected at MCOI-6 in 2025 are discussed above on page 4 of this Attachment.

- **Regional Well R-1**

- **Attachment 5** provides the complete groundwater monitoring report collected from annual sampling at R-1. All analytical results of constituents listed in 20.6.2.3103 NMAC and all toxic pollutants listed in 20.6.2.7.T(2) NMAC from 2025 at R-1 are included in **Attachment 5, Table 3**. This well is routinely sampled pursuant to the Consent Order as part of the Chromium Investigation Monitoring Group and results from Consent Order related sampling events within the reporting period are included in this table.

The sample results for NO₃+NO₂-N and TKN collected on November 13, 2025, were rejected because the sample was analyzed without the recommended preservation resulting in a higher than expected value, 225 mg/L, of NO₃+NO₂-N. The average and maximum detected NO₃+NO₂-N concentration at R-1 dating back to 2015 was 0.35 mg/L and 0.51 mg/L respectively.

NO₃+NO₂-N and TKN were resampled at R-1 on December 6th, 2025, and NO₃+NO₂-N was detected at 0.343 mg/L, below the groundwater standard, and TKN was not detected.

All valid results were either not detected or below 20.6.2.3103 NMAC standards and the 20.6.2.7.T NMAC guidance.

- **Regional Well R-14 Screen 1**

- **Attachment 5** provides the complete groundwater monitoring report collected from annual sampling at R-14 Screen 1. R-14 was originally constructed as a two-screen well but the bottom screen was abandoned in 2008. All analytical results of constituents listed in 20.6.2.3103 NMAC and all toxic pollutants listed in 20.6.2.7.T(2) NMAC from 2025 at R-14 Screen 1 are included in **Attachment 5, Table 4**. This well is routinely sampled pursuant to the Consent Order as part of the Chromium Investigation Monitoring Group and results from Consent Order related sampling events within the reporting period are included in this table.

The sample results for NO₃+NO₂-N and TKN collected on November 13, 2025, were rejected because the sample was analyzed without the recommended preservation. The average and maximum detected NO₃+NO₂-N concentrations at R-14 Screen 1 dating back to 2015 were 0.35 mg/L and 0.45 mg/L respectively. TKN was only detected once in 2022 at a concentration of 0.397 mg/L out of 18 samples collected at R-14 Screen 1 dating back to 2015. NO₃+NO₂-N and TKN will be analyzed in 2026 at R-14 Screen 1 when annual sampling at this well is conducted.

All valid results were either not detected or below 20.6.2.3103 NMAC standards and the 20.6.2.7.T NMAC guidance.

- **Regional Well R-46**

- **Attachment 5** provides the complete groundwater monitoring report collected from annual sampling at R-46. All analytical results of constituents listed in 20.6.2.3103 NMAC and all toxic pollutants listed in 20.6.2.7.T(2) NMAC from 2025 at R-46 are included in **Attachment 5, Table 5**. This well is routinely sampled pursuant to the Consent Order as part of the Chromium Investigation Monitoring Group and results from Consent Order related sampling events within the reporting period are included in this table.

The sample results for NO₃+NO₂-N and TKN collected on November 13, 2025, were rejected because the sample was analyzed without the recommended preservation. The average and maximum detected NO₃+NO₂-N concentrations at R-46 dating back to 2015 were 0.36 mg/L and 0.41 mg/L respectively. TKN was detected in 7 of 24 samples collected from sampling of R-46 dating back to 2015 with an average and maximum concentration, when detected, of 0.06 mg/L and 0.08 mg/L respectively. NO₃+NO₂-N and TKN will be analyzed in 2026 at R-46 when annual sampling at this well is conducted.

All valid results were either not detected or below 20.6.2.3103 NMAC standards and the 20.6.2.7.T NMAC guidance.

○ **Regional Well R-60**

- In August 2025, Triad notified NMED that R-60 may not be able to be sampled in 2025 due to an issue with the well's pump. Repairs to the well were able to be completed in 2025 and samples were collected on December 8, 2025. However, due to a miscommunication with the sampling team, samples for nitrite as nitrogen and pesticides were not collected at R-60 in 2025. Nitrite as nitrogen has not been detected in any of the samples collected from R-60 historically. Additionally, nitrate-nitrite as nitrogen was analyzed in the December 8, 2025, sample and was detected at 0.4 mg/L in both the regular sample and the field duplicate. 0.4 mg/L is below the groundwater standard for both nitrate as nitrogen and nitrite as nitrogen. Prior to 2025 pesticides have been analyzed at R-60 annually dating back to 2018 and no pesticides have ever been detected at this location. Nitrite as nitrogen and pesticide sampling suites will be collected with the 2026 sampling of R-60.

Attachment 5 provides the complete groundwater monitoring report collected from annual sampling at R-60. Analytical results of constituents listed in 20.6.2.3103 NMAC and toxic pollutants listed in 20.6.2.7.T(2) NMAC collected in 2025 at R-60 are included in **Attachment 5, Table 6**. This well is routinely sampled pursuant to the Consent Order as part of the Chromium Investigation Monitoring Group and results from Consent Order related sampling events within the reporting period are included in this table.

All results received from sampling of R-60 were either not detected or below 20.6.2.3103 NMAC standards and the 20.6.2.7.T NMAC guidance.

Attachment 2

Quarterly Summary of Maintenance and Repair Activities Conducted at the RLWTF

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026

DP-1132 Report: Fourth Quarter 2025 RLWTF Maintenance

Structures	Description	Built	Task Type						Total
			PM	CO	MD	SR	UP	CN	
Building 1	Original treatment bldg.	1963	36	5	2	0	0	0	43
Building 2	Original influent storage bldg.	1963	3	1	0	2	0	0	6
Building 66	TRU influent storage	1982	0	1	0	0	0	0	1
Building 90	100K Influent Storage tank	1982							
Building 248	Low-level bottoms storage	1996	2	1	0	0	0	0	3
Building 250	Low-level influent storage	2009	15	3	1	0	0	0	19
Building 257	Mechanical Evaporator System	2010	1	0	0	0	0	0	1
TA52	Solar Evaporation Tank	2011	2	0	0	0	0	0	2
Totals			59	11	3	2	0	0	75

Task Types: PM - preventive maintenance MD - modification
CO - corrective maintenance UP - Unplanned
SR - service request CN - Continuous

DP-1132 Report: Fourth Quarter 2025 RLWTF Maintenance

TA-50-0001 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
500001	00829289	01	PM	500001 LTET 1MO PM
500001	00829214	01	PM	500001 LTE 1 MO PM
500001	00830341	01	PM	50-1 SPW/SPH (A) FIRE SUPPRESSION SYSTEMS PM
500001	00829212	01	PM	50-1 FEXT (1M) PM
500001	00823409	01	PM	500001 FAR 3MO PM
500001	00830343	01	PM	500001 BHW 1YR PM, (START UP) AFTER LAY-UP
500001	00829040	01	PM	500001 TCA 6MO PM, AUTO DUMP
500001	00829037	01	PM	500001 DAD 6MO PM
500001	00797693	01	PM	500001 & 248 LPT 3YR PM, ELECTRICAL INSPECTION
500001	00829274	01	PM	50-0001 (M) AED
500001	00829252	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00829910	01	PM	500001 MICROFILTER 3 MONTH PUMP MAINTENANCE
500001	00832509	01	PM	500001 LTET 1MO PM
500001	00832452	01	PM	500001 LTE 1 MO PM
500001	00833111	01	PM	500001 (A) SAFETY SHOWERS/EYEWASHES
500001	00833105	01	PM	50-1 SPW/SPH 5 YEAR FIRE SUPPRESSION PM
500001	00832430	01	PM	50-0001 (M) AED
500001	00832451	01	PM	50-1 FEXT (1M) PM
500001	00832495	01	PM	50-0001 BHW 1MO PM (2 EA)
500001	00829906	01	PM	50-1 PH ANALYZER 3MO VERIFICATION 2 EA
500001	00833114	01	PM	500001 ANNUAL PRO PUMP MAINTENANCE PM
500001	00833106	01	PM	500001 ASE 1 YR PM, EXHAUST STACK PUMP
500001	00832512	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00831999	01	PM	500001 (6M) CA MECHANICAL PM
500001	00827260	01	PM	50-1 DRUM TUMBLER (3M) PM
500001	00835204	01	PM	500001 LTET 1MO PM
500001	00835198	01	PM	500001 LTE 1 MO PM
500001	00834994	01	PM	50-1 SPW/SPH (Q) FIRE SUPPRESSION SYSTEMS PM
500001	00836189	01	PM	500001 LADR 2YR PM OSHA STD INSPECTION
500001	00834992	01	PM	500001 PV 3MO PM, (MECHANICAL)

DP-1132 Report: Fourth Quarter 2025 RLWTF Maintenance

TA-50-0001 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
500001	00835166	01	PM	50-0001 (M) AED
500001	00835933	01	PM	50-1 DRUM TUMBLER (3M) PM
500001	00834996	01	PM	500001 LUBE 6MO PM, OPS EQUIPMENT LUBRICATION
500001	00836196	01	PM	500001 FEXT 1YR PM
500001	00835225	01	PM	50-0001 BHW 1MO PM (2 EA)
500001	00835229	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00833908	02	MD	500001 PRESSURE SWITCH 36-CIP-FSL01
500001	00722032	01	MD	500001 REMOVE HOT WATER PIPING FOR PHW-007
500001	00807961	01	CO	500001 PUMP MAINTENANCE ON PHW-012
500001	00836439	01	CO	50-0001 TS/REPAIR OR REPLACE HUE-008 RM 63
500001	00834352	01	CO	500001 TROUBLE SHOOT/REPAIR OR REPLACE HV-12 IN ROOM 70
500001	00818728	01	CO	500001 TS&R PRO/HWE CIRCULATION HEATER
500001	00789953	01	CO	500001 REPLACE FILTERS ON FF-6

DP-1132 Report: Fourth Quarter 2025 RLWTF Maintenance

TA-50-0250 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
500250	00829296	01	PM	500250 LTNT (M) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00829292	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00829291	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00829904	01	PM	500250 SHS 3MO PM, SAFETY SHOWER
500250	00829236	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00832470	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00832468	01	PM	500250 LTNT (M) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00832465	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00832464	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00833112	01	PM	500250 BACKFLOW PREVENTER MAINTENANCE PM
500250	00835210	01	PM	500250 LTNT (M) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00835207	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00835206	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00835201	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00834991	01	PM	50-250 SPW (3M) PM
500250	00819492	01	MD	WORM RLW-PU-002 FLOWMETER POWER MODIFICATION
500250	00839608	01	CO	50-0250 TS/REPAIR OR REPLACE LTNT-63 RM104
500250	00822052	01	CO	500250 REMOVE BLANK FLANGE FROM WORM TANK OVERFLOW LINE
500250	00836713	01	CO	50-250 TS/REPAIR OR REPLACE LTNT'S

DP-1132 Report: Fourth Quarter 2025 RLWTF Maintenance

TA-52-0181 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
				*** NO DATA TO REPORT FOR LISTED PERIOD.

TA-52-0182 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
520182	00838315	01	PM	520182 (M) EMERGENCY LIGHTS PM
520182	00838314	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00829234	01	PM	520182 (M) EMERGENCY LIGHTS PM
520182	00829233	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00829232	01	PM	520182 (M) FEXT PM
520182	00832423	01	PM	520182 (3M) SIGNAGE VERIFICATION FOR FENCE LINE
520182	00832421	01	PM	520182 (3M) FENCE LINE VERIFICATION
520182	00832517	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00832516	01	PM	520182 (M) EMERGENCY LIGHTS PM
520182	00832511	01	PM	520182 (M) FEXT PM
520182	00835156	01	PM	520182 (M) EMERGENCY LIGHTS PM
520182	00835155	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00835154	01	PM	520182 (M) FEXT PM

TA-52-0183 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
				*** NO DATA TO REPORT FOR LISTED PERIOD.

DP-1132 Report: Fourth Quarter 2025 RLWTF Maintenance

TA-50-0002 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
500002	00661824	01	CO	500002 MCC-A BREAKER E4L VOLTAGE MEASUREMENTS
500002	00823152	01	PM	50-2 TCA (6M) AUTO DUMP PM
500002	00825826	01	PM	50-2 CA (6M) MECHANICAL PM
500002	00827751	01	PM	500002 HUE 1YR PM
500002	00831102	01	SR	PMDS DECON TA-50-0001 ROOM 70/70A DECON
500002	00829796	01	SR	PMDS DECON TA-50-0002

TA-50-0090 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
				*** NO DATA TO REPORT FOR LISTED PERIOD.

TA-50-0066 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
500066	00842402	01	CO	500066 CAUSTIC WASTE TANK INSPECTION IN WM-66

TA-50-0201 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
				*** NO DATA TO REPORT FOR LISTED PERIOD.

TA-50-0248 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
500248	00832426	01	PM	500248 PUMPS 3MO PM
500248	00827090	01	PM	50-248 ULTRASONIC TANK: 3-YR INSPECTION (TK-3 & TK-17)
500248	00825299	01	CO	50-0248 TROUBLE SHOOT AND REPAIR OR REPLACE GFCI

DP-1132 Report: Fourth Quarter 2025 RLWTF Maintenance

TA-50-0257 Work Completion Report (10-01-2025 to 12-31-2025)

Unit	Work Order	WO	WO Type	Task Title
500257	00830337	01	PM	50-257 1YR MECHANICAL EVAPORATOR FAN PM
500257	00835941	01	PM	50-257 EVAP BOILER (3M) PM

Acronyms used by LANL Maintenance:

ASE	air sampler, exhaust	LPT	lightning protection
BHW	boiler, hot water	LTE	lights, emergency
CA	compressed air	LTET	lights, emergency, tritium
DAD	dessicant air dryer	LTNT	lights, non-tritium
EB	exhaust bank	PRV	pressure reducing valve
EH	exhaust heater	PV	pump, vacuum
FAR	filter, air replaceable	RCA	radiological control area
FE	fan, exhaust	SHS	shower, safety
FEXT	fire extinguisher	SPH	sprinkler pipe, dry
HEPA	high-efficiency particulate air	SPW	sprinkler pipe, wet
HUE	heater unit, electric	TCA	tank, compressed air

Attachment 3

RLWTF Daily Influent and Effluent Volumes

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026

DP-1132 Report: Fourth Quarter 2025
RLWTF Daily Influent and Effluent

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
Totals, 2025-Q4	314,004	192,339	0	0	369
Sub-total, Oct.	137,320	53,149	0	0	0
Sub-total, Nov.	73,732	55,874	0	0	0
Sub-total, Dec.	102,952	83,315	0	0	369

All flows are in Liters.

1-Oct	8,478	0	0	0	0
2-Oct	7,456	0	0	0	0
3-Oct	5,148	0	0	0	0
4-Oct	10,447	0	0	0	0
5-Oct	9,690	0	0	0	0
6-Oct	8,024	0	0	0	0
7-Oct	3,785	0	0	0	0
8-Oct	5,185	0	0	0	0
9-Oct	5,110	0	0	0	0
10-Oct	3,255	0	0	0	0
11-Oct	3,142	0	0	0	0
12-Oct	2,006	0	0	0	0
13-Oct	3,369	0	0	0	0
14-Oct	10,447	9,894	0	0	0
15-Oct	7,192	13,558	0	0	0
16-Oct	4,731	13,225	0	0	0
17-Oct	2,763	13,115	0	0	0
18-Oct	719	3,357	0	0	0
19-Oct	2,574	0	0	0	0
20-Oct	3,407	0	0	0	0
21-Oct	1,590	0	0	0	0
22-Oct	2,233	0	0	0	0
23-Oct	2,536	0	0	0	0
24-Oct	2,498	0	0	0	0
25-Oct	1,893	0	0	0	0
26-Oct	719	0	0	0	0
27-Oct	5,791	0	0	0	0
28-Oct	4,921	0	0	0	0
29-Oct	3,861	0	0	0	0
30-Oct	2,990	0	0	0	0
31-Oct	1,363	0	0	0	0

DP-1132 Report: Fourth Quarter 2025
RLWTF Daily Influent and Effluent

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
1-Nov	1,968	0	0	0	0
2-Nov	719	0	0	0	0
3-Nov	4,996	8,698	0	0	0
4-Nov	2,952	13,596	0	0	0
5-Nov	2,725	13,486	0	0	0
6-Nov	1,930	13,346	0	0	0
7-Nov	1,703	6,749	0	0	0
8-Nov	1,287	0	0	0	0
9-Nov	681	0	0	0	0
10-Nov	3,028	0	0	0	0
11-Nov	5,753	0	0	0	0
12-Nov	2,385	0	0	0	0
13-Nov	3,444	0	0	0	0
14-Nov	5,450	0	0	0	0
15-Nov	1,400	0	0	0	0
16-Nov	1,363	0	0	0	0
17-Nov	4,050	0	0	0	0
18-Nov	3,709	0	0	0	0
19-Nov	4,807	0	0	0	0
20-Nov	4,050	0	0	0	0
21-Nov	4,050	0	0	0	0
22-Nov	1,665	0	0	0	0
23-Nov	1,514	0	0	0	0
24-Nov	2,460	0	0	0	0
25-Nov	1,855	0	0	0	0
26-Nov	1,022	0	0	0	0
27-Nov	984	0	0	0	0
28-Nov	606	0	0	0	0
29-Nov	379	0	0	0	0
30-Nov	795	0	0	0	0

DP-1132 Report: Fourth Quarter 2025
RLWTF Daily Influent and Effluent

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
1-Dec	3,634	5,462	0	0	0
2-Dec	3,179	12,286	0	0	0
3-Dec	4,996	21,175	0	0	0
4-Dec	10,106	7,240	0	0	0
5-Dec	2,801	0	0	0	0
6-Dec	1,476	0	0	0	0
7-Dec	1,703	0	0	0	0
8-Dec	5,753	0	0	0	0
9-Dec	7,570	0	0	0	0
10-Dec	2,763	0	0	0	0
11-Dec	4,580	0	0	0	0
12-Dec	4,618	0	0	0	0
13-Dec	1,665	0	0	0	0
14-Dec	1,249	0	0	0	0
15-Dec	2,536	0	0	0	0
16-Dec	2,839	0	0	0	78
17-Dec	6,245	0	0	0	0
18-Dec	3,785	0	0	0	291
19-Dec	2,347	0	0	0	0
20-Dec	1,703	0	0	0	0
21-Dec	2,498	0	0	0	0
22-Dec	2,006	18,024	0	0	0
23-Dec	2,687	19,130	0	0	0
24-Dec	8,289	0	0	0	0
25-Dec	1,703	0	0	0	0
26-Dec	1,476	0	0	0	0
27-Dec	2,195	0	0	0	0
28-Dec	1,779	0	0	0	0
29-Dec	1,893	0	0	0	0
30-Dec	1,438	0	0	0	0
31-Dec	1,438	0	0	0	0

Attachment 4

Treated Effluent Sampling Results

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on October 14, 2025. Permit Condition No. 29.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
RLWTF-26-376785	RLWTF_MES	10/14/2025	107-02-8	Acrolein	1.67	ug/L	N	UF	2026-30	REG	SW-846:8260D	1.67	0.0415
RLWTF-26-376785	RLWTF_MES	10/14/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	UF	2026-30	REG	SW-846:8260D	1.67	0.523
RLWTF-26-376785	RLWTF_MES	10/14/2025	309-00-2	Aldrin	0.00665	ug/L	U	UF	2026-30	REG	SW-846:8081B	0.00665	0.00198
RLWTF-26-376781	RLWTF_MES	10/14/2025	AL	Aluminum	19.3	ug/L	U	F	2026-30	REG	EPA:200.8	19.3	5.000
RLWTF-26-376785	RLWTF_MES	10/14/2025	120-12-7	Anthracene	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	1.720
RLWTF-26-376781	RLWTF_MES	10/14/2025	SB	Antimony	1	ug/L	U	F	2026-30	REG	EPA:200.8	1	6
RLWTF-26-376785	RLWTF_MES	10/14/2025	12674-11-2	Aroclor-1016	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	1.4
RLWTF-26-376785	RLWTF_MES	10/14/2025	11104-28-2	Aroclor-1221	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	-
RLWTF-26-376785	RLWTF_MES	10/14/2025	11141-16-5	Aroclor-1232	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	-
RLWTF-26-376785	RLWTF_MES	10/14/2025	53469-21-9	Aroclor-1242	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	-
RLWTF-26-376785	RLWTF_MES	10/14/2025	12672-29-6	Aroclor-1248	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	-
RLWTF-26-376785	RLWTF_MES	10/14/2025	11097-69-1	Aroclor-1254	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	-
RLWTF-26-376785	RLWTF_MES	10/14/2025	11096-82-5	Aroclor-1260	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	-
RLWTF-26-376785	RLWTF_MES	10/14/2025	TOT AROCLOR	Total Aroclors for sum of all aroclors	0.0364	ug/L	U	UF	2026-30	REG	SW-846:8082A	0.0364	0.5
RLWTF-26-376781	RLWTF_MES	10/14/2025	AS	Arsenic	2	ug/L	U	F	2026-30	REG	EPA:200.8	2	10
RLWTF-26-376785	RLWTF_MES	10/14/2025	1912-24-9	Atrazine	3	ug/L	U	UF	2026-30	REG	SW-846:8270E	3	3
RLWTF-26-376785	RLWTF_MES	10/14/2025	103-33-3	Azobenzene	3	ug/L	U	UF	2026-30	REG	SW-846:8270E	3	0.78
RLWTF-26-376781	RLWTF_MES	10/14/2025	BA	Barium	0.67	ug/L	U	F	2026-30	REG	EPA:200.8	0.67	2.000
RLWTF-26-376785	RLWTF_MES	10/14/2025	71-43-2	Benzene	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	92-87-5	Benzidine	3.9	ug/L	U	UF	2026-30	REG	SW-846:8270E	3.9	0.00109
RLWTF-26-376785	RLWTF_MES	10/14/2025	50-32-8	Benz[<i>a</i>]pyrene	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	0.2
RLWTF-26-376785	RLWTF_MES	10/14/2025	205-99-2	Benzol[<i>b</i>]fluoranthene	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	0.343
RLWTF-26-376785	RLWTF_MES	10/14/2025	207-08-9	Benzol[<i>k</i>]fluoranthene	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	3.43
RLWTF-26-376781	RLWTF_MES	10/14/2025	BE	Beryllium	0.2	ug/L	U	F	2026-30	REG	EPA:200.8	0.2	4
RLWTF-26-376785	RLWTF_MES	10/14/2025	319-84-6	BHCl[alpha-]	0.00665	ug/L	U	UF	2026-30	REG	SW-846:8081B	0.00665	0.0693
RLWTF-26-376785	RLWTF_MES	10/14/2025	319-85-7	BHCl[beta-]	0.00665	ug/L	U	UF	2026-30	REG	SW-846:8081B	0.00665	0.243
RLWTF-26-376785	RLWTF_MES	10/14/2025	58-89-9	BHCl[gamma-]	0.00665	ug/L	U	UF	2026-30	REG	SW-846:8081B	0.00665	0.415
RLWTF-26-376785	RLWTF_MES	10/14/2025	111-44-4	Bis(2-chloroethyl)ether	3	ug/L	U	UF	2026-30	REG	SW-846:8270E	3	0.137
RLWTF-26-376785	RLWTF_MES	10/14/2025	117-81-7	Bis(2-ethylhexyl)phthalate	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	55.6
RLWTF-26-376781	RLWTF_MES	10/14/2025	B	Boron	29.8	ug/L	U	F	2026-30	REG	EPA:200.7	15	750
RLWTF-26-376785	RLWTF_MES	10/14/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	1.34
RLWTF-26-376785	RLWTF_MES	10/14/2025	75-25-2	Bromolorm	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	32.9
RLWTF-26-376785	RLWTF_MES	10/14/2025	74-83-9	Bromomethane	0.337	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.337	7.54
RLWTF-26-376781	RLWTF_MES	10/14/2025	CD	Cadmium	0.3	ug/L	U	F	2026-30	REG	EPA:200.8	0.3	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	57-74-9	Chlordane[alpha/gamma]	0.0765	ug/L	U	UF	2026-30	REG	SW-846:8081B	0.0765	0.448
RLWTF-26-376781	RLWTF_MES	10/14/2025	CL(1)	Chloride	3.7	mg/L	NQ	F	2026-30	REG	EPA:300.0	0.067	250
RLWTF-26-376785	RLWTF_MES	10/14/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	77.6
RLWTF-26-376785	RLWTF_MES	10/14/2025	67-66-3	Chloroform	5.07	ug/L	NQ	UF	2026-30	REG	SW-846:8260D	0.333	100
RLWTF-26-376785	RLWTF_MES	10/14/2025	74-87-3	Chloromethane	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	20.3
RLWTF-26-376781	RLWTF_MES	10/14/2025	CR	Chromium	3	ug/L	U	F	2026-30	REG	EPA:200.8	3	50
RLWTF-26-376781	RLWTF_MES	10/14/2025	CO	Cobalt	0.3	ug/L	U	F	2026-30	REG	EPA:200.8	0.3	50
RLWTF-26-376781	RLWTF_MES	10/14/2025	CU	Copper	0.3	ug/L	U	F	2026-30	REG	EPA:200.8	0.3	1.000
RLWTF-26-376781	RLWTF_MES	10/14/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	F	2026-30	REG	EPA:335.4	0.00167	200
RLWTF-26-376829	RLWTF_MES	10/14/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	F	2026-30	FD	EPA:335.4	0.00167	200
RLWTF-26-376785	RLWTF_MES	10/14/2025	50-29-3	DDT[4,4']	0.01	ug/L	U	UF	2026-30	REG	SW-846:8081B	0.01	2.29
RLWTF-26-376785	RLWTF_MES	10/14/2025	84-74-2	Di-n-butylphthalate	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	885
RLWTF-26-376785	RLWTF_MES	10/14/2025	106-93-4	Dibromomethane[1,2-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	0.05
RLWTF-26-376785	RLWTF_MES	10/14/2025	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	600
RLWTF-26-376785	RLWTF_MES	10/14/2025	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	75
RLWTF-26-376785	RLWTF_MES	10/14/2025	91-94-1	Dichlorobenzene[3,3']	3	ug/L	U	UF	2026-30	REG	SW-846:8270E	3	1.25
RLWTF-26-376785	RLWTF_MES	10/14/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.355	197
RLWTF-26-376785	RLWTF_MES	10/14/2025	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	25
RLWTF-26-376785	RLWTF_MES	10/14/2025	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	7
RLWTF-26-376785	RLWTF_MES	10/14/2025	156-59-2	Dichloroethene[<i>cis</i> -1,2-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	70
RLWTF-26-376785	RLWTF_MES	10/14/2025	156-60-5	Dichloroethene[<i>trans</i> -1,2-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	100
RLWTF-26-376785	RLWTF_MES	10/14/2025	120-83-2	Dichlorophenol[2,4-]	3	ug/L	U	UF	2026-30	REG	SW-846:8270E	3	45.3
RLWTF-26-376785	RLWTF_MES	10/14/2025	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.333	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	542-75-6	Dichloropropene[<i>cis</i> -1,3-]	0.5	ug/L	U	UF	2026-30	REG	SW-846:8260D	0.5	4.71
RLWTF-26-376785	RLWTF_MES	10/14/2025	60-57-1	Dieldrin	0.01	ug/L	U	UF	2026-30	REG	SW-846:8081B	0.01	0.0175
RLWTF-26-376785	RLWTF_MES	10/14/2025	84-66-2	Diethylphthalate	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	14.800
RLWTF-26-376785	RLWTF_MES	10/14/2025	131-11-3	Dimethyl Phthalate	0.3	ug/L	U	UF	2026-30	REG	SW-846:8270E	0.3	612

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on October 14, 2025. Permit Condition No. 29.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
RLWTF-26-376785	RLWTF_MES	10/14/2025	534-52-1	Dinitro-2-methylphenol[4,6-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	1.52
RLWTF-26-376785	RLWTF_MES	10/14/2025	51-28-5	Dinitrophenol[2,4-]	5	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	5	38.7
RLWTF-26-376785	RLWTF_MES	10/14/2025	121-14-2	Dinitrofluorene[2,4-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	2.37
RLWTF-26-376785	RLWTF_MES	10/14/2025	606-20-2	Dinitrotoluene[2,6-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	0.485
RLWTF-26-376785	RLWTF_MES	10/14/2025	123-91-1	Dioxane[1,4-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	4.59
RLWTF-26-376785	RLWTF_MES	10/14/2025	122-39-4	Diphenylamine	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	122
RLWTF-26-376785	RLWTF_MES	10/14/2025	959-98-8	Endosulfan I	0.0065	ug/L	U	N	UF	2026-30	REG	SW-846-80818	0.0065	98.7
RLWTF-26-376785	RLWTF_MES	10/14/2025	33213-65-9	Endosulfan II	0.01	ug/L	U	N	UF	2026-30	REG	SW-846-80818	0.01	98.7
RLWTF-26-376785	RLWTF_MES	10/14/2025	72-80-8	Endrin	0.01	ug/L	U	N	UF	2026-30	REG	SW-846-80818	0.01	2.23
RLWTF-26-376785	RLWTF_MES	10/14/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	700
RLWTF-26-376785	RLWTF_MES	10/14/2025	206-44-0	Fluoranthene	0.3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	0.3	802
RLWTF-26-376785	RLWTF_MES	10/14/2025	86-73-7	Fluorene	0.3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	0.3	288
RLWTF-26-376785	RLWTF_MES	10/14/2025	F(-1)	Fluoride	0.0445	mg/L	J	Y	F	2026-30	REG	EPA-300.0	0.033	1.6
RLWTF-26-376785	RLWTF_MES	10/14/2025	76-44-8	Heptachlor	0.0065	ug/L	U	N	UF	2026-30	REG	SW-846-80818	0.0065	0.0221
RLWTF-26-376785	RLWTF_MES	10/14/2025	118-74-1	Hexachlorobenzene	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	0.0976
RLWTF-26-376785	RLWTF_MES	10/14/2025	87-68-3	Hexachlorobutadiene	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	1.39
RLWTF-26-376785	RLWTF_MES	10/14/2025	77-47-4	Hexachlorocyclopentadiene	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	0.411
RLWTF-26-376785	RLWTF_MES	10/14/2025	67-72-1	Hexachloroethane	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	3.28
RLWTF-26-376785	RLWTF_MES	10/14/2025	2691-41-0	HMX	0.0889	ug/L	U	N	UF	2026-30	REG	SW-846-83308	0.0889	1.000
RLWTF-26-376781	RLWTF_MES	10/14/2025	FE	Iron	30	ug/L	U	N	F	2026-30	REG	EPA-200.7	30	1,000
RLWTF-26-376785	RLWTF_MES	10/14/2025	78-59-1	Isophorone	3.5	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3.5	781
RLWTF-26-376781	RLWTF_MES	10/14/2025	PB	Lead	0.5	ug/L	U	N	F	2026-30	REG	EPA-200.8	0.5	15
RLWTF-26-376781	RLWTF_MES	10/14/2025	MN	Manganese	2	ug/L	U	N	F	2026-30	REG	EPA-200.7	2	200
RLWTF-26-376781	RLWTF_MES	10/14/2025	HG	Mercury	0.067	ug/L	U	N	F	2026-30	REG	EPA-245.2	0.067	2
RLWTF-26-376785	RLWTF_MES	10/14/2025	HG	Mercury	0.067	ug/L	U	N	UF	2026-30	REG	EPA-245.2	0.067	2
RLWTF-26-376785	RLWTF_MES	10/14/2025	1634-04-4	Methyl Tert-Butyl Ether	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	100
RLWTF-26-376785	RLWTF_MES	10/14/2025	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.5	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	90-12-0	Methylnaphthalene[1-]	0.3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	0.3	30
RLWTF-26-376785	RLWTF_MES	10/14/2025	91-57-6	Methylnaphthalene[2-]	0.3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	0.3	30
RLWTF-26-376781	RLWTF_MES	10/14/2025	MO	Molybdenum	0.2	ug/L	U	N	F	2026-30	REG	EPA-200.8	0.2	1,000
RLWTF-26-376785	RLWTF_MES	10/14/2025	91-20-3	Naphthalene	0.3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	0.3	30
RLWTF-26-376781	RLWTF_MES	10/14/2025	NI	Nickel	0.6	ug/L	U	N	F	2026-30	REG	EPA-200.8	0.6	200
RLWTF-26-376781	RLWTF_MES	10/14/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.17	mg/L	J	Y	F	2026-30	REG	EPA-353.2	0.085	10
RLWTF-26-376783	RLWTF_MES	10/14/2025	NO2-N	Nitrite as Nitrogen	0.0818	mg/L	J	Y	F	2026-27	REG	EPA-300.0	0.033	1
RLWTF-26-376785	RLWTF_MES	10/14/2025	98-95-3	Nitrobenzene	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	1.4
RLWTF-26-376785	RLWTF_MES	10/14/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	0.0273
RLWTF-26-376785	RLWTF_MES	10/14/2025	55-18-5	Nitrosodithylamine[N-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	0.00167
RLWTF-26-376785	RLWTF_MES	10/14/2025	62-75-9	Nitrosodimethylamine[N-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	0.00491
RLWTF-26-376785	RLWTF_MES	10/14/2025	930-55-2	Nitrosopyrrolidine[N-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	0.37
RLWTF-26-376785	RLWTF_MES	10/14/2025	108-60-1	Oxybis(1-chloropropane)[2,2'-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	9.81
RLWTF-26-376785	RLWTF_MES	10/14/2025	608-93-5	Pentachlorobenzene	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	3.07
RLWTF-26-376785	RLWTF_MES	10/14/2025	87-86-5	Pentachlorophenol	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	1
RLWTF-26-376785	RLWTF_MES	10/14/2025	ClO4	Perchlorate	0.05	ug/L	U	N	UF	2026-30	REG	SW-846-6850	0.05	13.8
RLWTF-26-376785	RLWTF_MES	10/14/2025	355-46-4	Perfluorohexanesulfonic acid	0.589	ng/L	U	N	UF	2026-30	REG	EPA-537M	0.589	401
RLWTF-26-376785	RLWTF_MES	10/14/2025	1763-23-1	Perfluorooctanesulfonic acid	0.714	ng/L	U	N	UF	2026-30	REG	EPA-537M	0.714	60.2
RLWTF-26-376785	RLWTF_MES	10/14/2025	335-67-1	Perfluorooctanoic acid	0.714	ng/L	U	N	UF	2026-30	REG	EPA-537M	0.714	60.2
RLWTF-26-376785	RLWTF_MES	10/14/2025	pH	pH	7.1	SU								6-9
RLWTF-26-376785	RLWTF_MES	10/14/2025	85-01-8	Phenanthrene	0.3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	0.3	170
RLWTF-26-376785	RLWTF_MES	10/14/2025	108-95-2	Phenol	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	1610-18-0	Prometon	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	250
RLWTF-26-376785	RLWTF_MES	10/14/2025	129-00-0	Pyrene	0.3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	0.3	117
RLWTF-26-376785	RLWTF_MES	10/14/2025	RA-226+228	Radium-226 and Radium-228	2.59	pCi/L	NQ	Y	UF	2026-30	REG	Generic-Radium by Calculation	-	5
RLWTF-26-376785	RLWTF_MES	10/14/2025	121-82-4	RDX	0.0889	ug/L	U	N	UF	2026-30	REG	SW-846-83308	0.0889	9.66
RLWTF-26-376781	RLWTF_MES	10/14/2025	SE	Selenium	1.5	ug/L	U	N	F	2026-30	REG	EPA-200.8	1.5	50
RLWTF-26-376781	RLWTF_MES	10/14/2025	AG	Silver	0.3	ug/L	U	N	F	2026-30	REG	EPA-200.8	0.3	50
RLWTF-26-376785	RLWTF_MES	10/14/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	100
RLWTF-26-376781	RLWTF_MES	10/14/2025	504(2)	Sulfate	0.606	mg/L	U	N	F	2026-30	REG	EPA-300.0	0.133	600
RLWTF-26-376785	RLWTF_MES	10/14/2025	126-33-0	Sulfolane	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	20
RLWTF-26-376785	RLWTF_MES	10/14/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	1.66
RLWTF-26-376785	RLWTF_MES	10/14/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	10
RLWTF-26-376785	RLWTF_MES	10/14/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	5
RLWTF-26-376781	RLWTF_MES	10/14/2025	TL	Thallium	0.6	ug/L	U	N	F	2026-30	REG	EPA-200.8	0.6	2
RLWTF-26-376785	RLWTF_MES	10/14/2025	108-88-3	Toluene	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	1,000
RLWTF-26-376781	RLWTF_MES	10/14/2025	TDS	Total Dissolved Solids	36	mg/L	J	Y	F	2026-30	REG	EPA-160.1	2.38	1,000

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on October 14, 2025. Permit Condition No. 29.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
RLWTF-26-376781	RLWTF- MES	10/14/2025	TKN	Total Kjeldahl Nitrogen	4.95	mg/L	NQ	Y	F		REG	EPA-351.2	0.033	-
RLWTF-26-376785	RLWTF- MES	10/14/2025	8001-35-2	Toxaphene (Technical Grade)	0.15	ug/L	UJ	N	UF	2026-30	REG	SW-846-8081B	0.15	0.158
RLWTF-26-376785	RLWTF- MES	10/14/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	70
RLWTF-26-376785	RLWTF- MES	10/14/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	0.2
RLWTF-26-376785	RLWTF- MES	10/14/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	5
RLWTF-26-376785	RLWTF- MES	10/14/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	5
RLWTF-26-376785	RLWTF- MES	10/14/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	1.140
RLWTF-26-376785	RLWTF- MES	10/14/2025	95-95-4	Trichlorophenol[2,4,5-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	1.170
RLWTF-26-376785	RLWTF- MES	10/14/2025	88-06-2	Trichlorophenol[2,4,6-]	3	ug/L	U	N	UF	2026-30	REG	SW-846-8270E	3	11.9
RLWTF-26-376785	RLWTF- MES	10/14/2025	118-96-7	Trinitrotoluene[2,4,6-]	0.0889	ug/L	U	N	UF	2026-30	REG	SW-846-8330B	0.0889	9.8
RLWTF-26-376781	RLWTF- MES	10/14/2025	U	Uranium	0.067	ug/L	U	N	F		REG	EPA-200.8	0.067	30
RLWTF-26-376785	RLWTF- MES	10/14/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	2
RLWTF-26-376785	RLWTF- MES	10/14/2025	1330-20-7	Xylene (Total)	1	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	1	620
RLWTF-26-376785	RLWTF- MES	10/14/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.333	193
RLWTF-26-376785	RLWTF- MES	10/14/2025	XYLENE[M+P]	Xylene[1,3-+Xylene[1,4-]	0.5	ug/L	U	N	UF	2026-30	REG	SW-846-8260D	0.5	386
RLWTF-26-376781	RLWTF- MES	10/14/2025	ZN	Zinc	3.3	ug/L	U	N	F		REG	EPA-200.7	3.3	10,000

Notes:

- ¹ ug/L - micrograms per liter

² U - The analyte is classified as not detected

³ N - In the Detected column means the analyte was not detected

⁴ UF - In the Field Preparation Code column means the sample was not filtered

⁵ REG - In the Sample Purpose column means the sample was a regular sample

⁶ FD - There is not a Report Detection Limit for Radium-226 and Radium-228 since this result is calculated

⁷ Groundwater Limit represents standards for groundwater as identified in 20.6.2.3.103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for diphenylhydrazine reported as azobenzene, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for N-nitrosodiphenylamine reported as diphenylamine, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for combined Endosulfan I and Endosulfan II is 98.7 ug/L, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Total Kjeldahl Nitrogen does not have a 20.6.2.3.103 NMAC standard or NMED Risk Assessment Guidance, Table A-1 Tap Water Limit

Groundwater Limit for combined naphthalene plus monomethylnaphthalenes is 30 ug/L, which represents the 20.6.2.3.103 NMAC Groundwater Standard
- mg/L - milligrams per liter

ng/L - nanograms per liter

SU - standard units

pC/L - picocuries per liter

UJ - The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

NQ - No validation qualifier flag is associated with this result, and the analyte is classified as detected

J+ - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual with a potential positive bias

N - In the Detected column means the analyte was not detected

Y - In the Detected column means the analyte was detected

UF - In the Field Preparation Code column means the sample was not filtered

F - In the Field Preparation Code column means the sample was filtered

REG - In the Sample Purpose column means the sample was a regular sample

FD - There is not a Report Detection Limit for Radium-226 and Radium-228 since this result is calculated

Groundwater Limit represents standards for groundwater as identified in 20.6.2.3.103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for diphenylhydrazine reported as azobenzene, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for N-nitrosodiphenylamine reported as diphenylamine, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for combined Endosulfan I and Endosulfan II is 98.7 ug/L, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Total Kjeldahl Nitrogen does not have a 20.6.2.3.103 NMAC standard or NMED Risk Assessment Guidance, Table A-1 Tap Water Limit

Groundwater Limit for combined naphthalene plus monomethylnaphthalenes is 30 ug/L, which represents the 20.6.2.3.103 NMAC Groundwater Standard

Attachment 4

Table 2. Analytical Results from Monthly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on November 4, 2025, Permit Condition No. 29.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit	Groundwater Limit ⁶
RLWTF-26-376570	RLWTF_MES	11/04/2025	CL(-1)	Chloride	0.46	mg/L	J	Y	F	2026-81	REG	EPA-300.0	0.134	250
RLWTF-26-376570	RLWTF_MES	11/04/2025	F(-1)	Fluoride	0.049	mg/L	J	Y	F	2026-81	REG	EPA-300.0	0.033	1.6
RLWTF-26-376570	RLWTF_MES	11/04/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.203	mg/L	J	Y	F	2026-81	REG	EPA-353.2	0.017	10
RLWTF-26-376573	RLWTF_MES	11/04/2025	ClO4	Perchlorate	0.05	ug/L	U	N	UF	2026-81	REG	SW-846:6850	0.05	13.8
RLWTF-26-376570	RLWTF_MES	11/04/2025	TDS	Total Dissolved Solids	43	mg/L	J	Y	F	2026-81	REG	EPA-160.1	2.38	1,000
RLWTF-26-376570	RLWTF_MES	11/04/2025	TKN	Total Kjeldahl Nitrogen	3.05	mg/L	J	Y	F	2026-81	REG	EPA-351.2	0.033	-

Notes:

¹ mg/L - milligrams per liter

ug/L - micrograms per liter

² J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

U - The analyte is classified as not detected

³ Y - In the Detected column means the analyte was detected

N - In the Detected column means the analyte was not detected

⁴ F - In the Field Preparation Code column means the sample was filtered

UF - In the Field Preparation Code column means the sample was not filtered

⁵ REG - In the Sample Purpose column means the sample was a regular sample

⁶ Groundwater Limit represents standards for groundwater as identified in 20.6.2.3103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Total Kjeldahl Nitrogen does not have a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1 Tap Water Limit

Attachment 4

Table 3. Analytical Results from Monthly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on December 2, 2025. Permit Condition No. 29.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit	Groundwater Limit ⁶
RLWTF-26-376578	RLWTF- ME5	12/02/2025	Cl(-1)	Chloride	0.882	mg/L	NQ	Y	F	2026-158	REG	EPA-300.0	0.067	250
RLWTF-26-376578	RLWTF- ME5	12/02/2025	F(-1)	Fluoride	0.0665	mg/L	J	Y	F	2026-158	REG	EPA-300.0	0.067	1.6
RLWTF-26-376578	RLWTF- ME5	12/02/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.645	mg/L	NQ	Y	F	2026-158	REG	EPA-353.2	0.067	10
RLWTF-26-376575	RLWTF- ME5	12/02/2025	ClO4	Perchlorate	0.05	ug/L	U	N	UF	2026-158	REG	SW-846-6850	0.05	13.8
RLWTF-26-376578	RLWTF- ME5	12/02/2025	TDS	Total Dissolved Solids	37	mg/L	NQ	Y	F	2026-158	REG	EPA-160.1	2.38	1,000
RLWTF-26-376578	RLWTF- ME5	12/02/2025	TKN	Total Kjeldahl Nitrogen	2.58	mg/L	J	Y	F	2026-158	REG	EPA-351.2	0.165	-

Notes:

¹ mg/L - milligrams per liter

ug/L - micrograms per liter

² NQ - No validation qualifier flag is associated with this result, and the analyte is classified as detected

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

U - The analyte is classified as not detected

³ Y - In the Detected column means the analyte was detected

N - In the Detected column means the analyte was not detected

⁴ F - In the Field Preparation Code column means the sample was filtered

UF - In the Field Preparation Code column means the sample was not filtered

⁵ REG - In the Sample Purpose column means the sample was a regular sample

⁶ Groundwater Limit represents standards for groundwater as identified in 20.6.2.3103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit
Total Kjeldahl Nitrogen does not have a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1 Tap Water Limit

Attachment 5

Groundwater Monitoring Report - Fourth Quarter 2025 and Annual Reporting

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026

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MCA-RLW-1, November 3, 2025

a	Sample Date	11/3/2025
b	Sample Time	1336
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	MCA-RLW-1
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	6,864.9
g	Total depth of the well (ft below ground surface (bgs))	22.2
h	Total volume of water in the monitoring well prior to sample collection (gal)	N/A
i	Total volume of water purged prior to sample collection (gal)	N/A
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): N/A Oxidation/Reduction Potential (MV): N/A Temp (deg C): N/A pH (SU): N/A Turbidity (NTU): N/A Specific Conductance (μS/cm): N/A
k	Description of sample methods	N/A
l	Chain-of-Custody	N/A
m	Location Map	Attachment 6
	Analytical Results	N/A

Notes:

N/A - Not Applicable

Well was not sampled when visited on November 3, 2025, due to insufficient water in the well. The well only contained 0.14 feet of standing water.

MCA-RLW-2, November 3, 2025

a	Sample Date	11/3/2025
b	Sample Time	1401
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	MCA-RLW-2
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	6,806.3
g	Total depth of the well (ft below ground surface (bgs))	40.4
h	Total volume of water in the monitoring well prior to sample collection (gal)	N/A
i	Total volume of water purged prior to sample collection (gal)	N/A
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): N/A Oxidation/Reduction Potential (MV): N/A Temp (deg C): N/A pH (SU): N/A Turbidity (NTU): N/A Specific Conductance (μS/cm): N/A
k	Description of sample methods	N/A
l	Chain-of-Custody	N/A
m	Location Map	Attachment 6
	Analytical Results	N/A

Notes:

N/A - Not Applicable

Well was not sampled when visited on November 3, 2025, due to insufficient water in the well. The well only contained 0.27 feet of standing water.

MCOI-6, November 24, 2025

a	Sample Date	11/24/2025
b	Sample Time	1310
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	MCOI-6
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	6,137.77
g	Total depth of the well (ft below ground surface (bgs))	712.6
h	Total volume of water in the monitoring well prior to sample collection (gal)	29.7
i	Total volume of water purged prior to sample collection (gal)	127.1
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 7.64 Oxidation/Reduction Potential (MV): 145.5 Temp (deg C): 16.8 pH (SU): 7.37 Turbidity (NTU): 0.37 Specific Conductance (μ S/cm): 533
k	Description of sample methods	Attachment 5 Pages 21-23
l	Chain-of-Custody	Attachment 5 Pages 21-23
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Page 4, Table 1

Table 1. Analytical Results from Quarterly Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 on November 24, 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit	Groundwater Limit ⁶
CAMO-26-377446	MCOI-6	11/24/2025	CL(-1)	Chloride	43.3	mg/L	NQ	Y	F	N3B-2026-623	REG	SW-846:9056A	0.67	250
CAMO-26-377456	MCOI-6	11/24/2025	CL(-1)	Chloride	44.6	mg/L	NQ	Y	F	N3B-2026-623	FD	SW-846:9056A	0.67	250
CAMO-26-377446	MCOI-6	11/24/2025	F(-1)	Fluoride	0.53	mg/L	NQ	Y	F	N3B-2026-623	REG	SW-846:9056A	0.033	1.6
CAMO-26-377456	MCOI-6	11/24/2025	F(-1)	Fluoride	0.525	mg/L	NQ	Y	F	N3B-2026-623	FD	SW-846:9056A	0.033	1.6
CAMO-26-377446	MCOI-6	11/24/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	15.4	mg/L	NQ	Y	F	N3B-2026-623	REG	EPA:353.2	0.340	10
CAMO-26-377456	MCOI-6	11/24/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	14.9	mg/L	NQ	Y	F	N3B-2026-623	FD	EPA:353.2	0.340	10
CAMO-26-377446	MCOI-6	11/24/2025	ClO4	Perchlorate	135	ug/L	NQ	Y	F	N3B-2026-623	REG	SW-846:6850	1	13.8
CAMO-26-377456	MCOI-6	11/24/2025	ClO4	Perchlorate	134	ug/L	NQ	Y	F	N3B-2026-623	FD	SW-846:6850	1	13.8
CAMO-26-377446	MCOI-6	11/24/2025	TDS	Total Dissolved Solids	368	mg/L	J	Y	F	N3B-2026-623	REG	EPA:160.1	2.38	1,000
CAMO-26-377456	MCOI-6	11/24/2025	TDS	Total Dissolved Solids	399	mg/L	J	Y	F	N3B-2026-623	FD	EPA:160.1	2.38	1,000
CAMO-26-377445	MCOI-6	11/24/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	U	N	UF	N3B-2026-623	REG	EPA:351.2	0.033	-
CAMO-26-377455	MCOI-6	11/24/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	U	N	UF	N3B-2026-623	FD	EPA:351.2	0.033	-

Notes:

¹mg/L - milligrams per liter.

ug/L - micrograms per liter.

²NQ - No validation qualifier flag is associated with this result, and the analyte is classified as detected.

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual.

U - The analyte is classified as not detected.

³Y - In the detected column means the analyte was detected.

N - In the detected column means the analyte was not detected.

⁴F - In the Field Preparation Code column means the sample was filtered.

UF - In the Field Preparation Code column means the sample was not filtered.

⁵REG - In the sample purpose column means the sample was a regular sample.

FD - In the sample purpose column means the sample was a field duplicate.

⁶Groundwater Limit represents standards for groundwater as identified in NMAC 20.6.2.3103 where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit. Total Kjeldahl Nitrogen does not contain either a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1, Tap Water Limit.

MCOI-6, January 8, 2025

a	Sample Date	1/8/2025
b	Sample Time	1056
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	MCOI-6
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	6,137.79
g	Total depth of the well (ft below ground surface (bgs))	712.6
h	Total volume of water in the monitoring well prior to sample collection (gal)	29.22
i	Total volume of water purged prior to sample collection (gal)	131.08
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 7.35 Oxidation/Reduction Potential (MV): 145.8 Temp (deg C): 15.2 pH (SU): 7.36 Turbidity (NTU): 0.28 Specific Conductance (μS/cm): 521
k	Description of sample methods	Attachment 5 Page 17
l	Chain-of-Custody	Attachment 5 Page 17
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 8-16, Table 2

MCOI-6, May 6, 2025

a	Sample Date	5/6/2025
b	Sample Time	1109
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	MCOI-6
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	6,137.51
g	Total depth of the well (ft below ground surface (bgs))	712.6
h	Total volume of water in the monitoring well prior to sample collection (gal)	29.22
i	Total volume of water purged prior to sample collection (gal)	128.7
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 7.05 Oxidation/Reduction Potential (MV): 183.6 Temp (deg C): 15.6 pH (SU): 7.38 Turbidity (NTU): 2.48 Specific Conductance (μ S/cm): 513
k	Description of sample methods	Attachment 5 Page 18
l	Chain-of-Custody	Attachment 5 Page 18
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 8-16, Table 2

MCOI-6, July 7, 2025

a	Sample Date	7/7/2025
b	Sample Time	1043
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	MCOI-6
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	6,136.53
g	Total depth of the well (ft below ground surface (bgs))	712.6
h	Total volume of water in the monitoring well prior to sample collection (gal)	29.45
i	Total volume of water purged prior to sample collection (gal)	124.45
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 6.77 Oxidation/Reduction Potential (MV): 140.5 Temp (deg C): 17.3 pH (SU): 7.37 Turbidity (NTU): 0.82 Specific Conductance (µS/cm): 535
k	Description of sample methods	Attachment 5 Pages 19-20
l	Chain-of-Custody	Attachment 5 Pages 19-20
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Page 8-16, Table 2

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-25-362288	MCOI-6	05/06/2025	107-02-8	Acrolein	1.67	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	1.67	0.0415
CAMO-26-377445	MCOI-6	11/24/2025	107-02-8	Acrolein	1.67	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	1.67	0.0415
CAMO-26-377455	MCOI-6	11/24/2025	107-02-8	Acrolein	1.67	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	1.67	0.0415
CAMO-25-362288	MCOI-6	05/06/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	1.67	0.523
CAMO-26-377445	MCOI-6	11/24/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	1.67	0.523
CAMO-26-377455	MCOI-6	11/24/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	1.67	0.523
CAMO-25-340466	MCOI-6	07/07/2025	309-00-2	Aldrin	0.00665	ug/L	U	N	UF	2025-885	REG	SW-846-8081B	0.00665	0.00198
CAMO-25-346060	MCOI-6	01/08/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N3B-2025-819	REG	SW-846-6020B	19.3	5.000
CAMO-25-346061	MCOI-6	01/08/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2025-819	REG	SW-846-6020B	19.3	5.000
CAMO-25-362288	MCOI-6	05/06/2025	AL	Aluminum	32.8	ug/L	J	Y	UF	N3B-2025-1732	REG	SW-846-6020B	19.3	5.000
CAMO-25-362289	MCOI-6	05/06/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2025-1732	REG	SW-846-6020B	19.3	5.000
CAMO-25-367488	MCOI-6	07/07/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N3B-2025-2621	REG	SW-846-6020B	19.3	5.000
CAMO-25-367489	MCOI-6	07/07/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2025-2621	REG	SW-846-6020B	19.3	5.000
CAMO-26-377445	MCOI-6	11/24/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-6020B	19.3	5.000
CAMO-26-377446	MCOI-6	11/24/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2026-623	REG	SW-846-6020B	19.3	5.000
CAMO-26-377455	MCOI-6	11/24/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-6020B	19.3	5.000
CAMO-26-377456	MCOI-6	11/24/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2026-623	FD	SW-846-6020B	19.3	5.000
CAMO-25-362288	MCOI-6	05/06/2025	120-12-7	Anthracene	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	0.344	1.720
CAMO-26-377445	MCOI-6	11/24/2025	120-12-7	Anthracene	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	0.307	1.720
CAMO-26-377455	MCOI-6	11/24/2025	120-12-7	Anthracene	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	0.33	1.720
CAMO-25-346061	MCOI-6	01/08/2025	SB	Antimony	1	ug/L	U	N	UF	N3B-2025-819	REG	SW-846-6020B	1	6
CAMO-25-362289	MCOI-6	05/06/2025	SB	Antimony	1.22	ug/L	J	Y	F	N3B-2025-1732	REG	SW-846-6020B	1	6
CAMO-25-367489	MCOI-6	07/07/2025	SB	Antimony	1	ug/L	U	N	F	N3B-2025-2621	REG	SW-846-6020B	1	6
CAMO-26-377446	MCOI-6	11/24/2025	SB	Antimony	1	ug/L	U	N	F	N3B-2026-623	REG	SW-846-6020B	1	6
CAMO-26-377456	MCOI-6	11/24/2025	SB	Antimony	1	ug/L	U	N	F	N3B-2026-623	FD	SW-846-6020B	1	6
CAMO-26-377445	MCOI-6	11/24/2025	12674-11-2	Aroclor-1016	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	12674-11-2	Aroclor-1016	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-26-377445	MCOI-6	11/24/2025	11104-28-2	Aroclor-1221	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	11104-28-2	Aroclor-1221	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-26-377445	MCOI-6	11/24/2025	11141-16-5	Aroclor-1232	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	11141-16-5	Aroclor-1232	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-26-377445	MCOI-6	11/24/2025	53469-21-9	Aroclor-1242	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	53469-21-9	Aroclor-1242	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-26-377445	MCOI-6	11/24/2025	12672-29-6	Aroclor-1248	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	12672-29-6	Aroclor-1248	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-26-377445	MCOI-6	11/24/2025	11097-69-1	Aroclor-1254	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	11097-69-1	Aroclor-1254	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-26-377445	MCOI-6	11/24/2025	11096-82-5	Aroclor-1260	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	11096-82-5	Aroclor-1260	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-26-377445	MCOI-6	11/24/2025	37324-23-5	Aroclor-1262	0.034	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8082A	0.034	0.5
CAMO-26-377455	MCOI-6	11/24/2025	37324-23-5	Aroclor-1262	0.0358	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8082A	0.0358	0.5
CAMO-25-346061	MCOI-6	01/08/2025	AS	Arsenic	2.56	ug/L	U	N	F	N3B-2025-819	REG	SW-846-6020B	2	10
CAMO-25-362289	MCOI-6	05/06/2025	AS	Arsenic	2	ug/L	U	N	F	N3B-2025-1732	REG	SW-846-6020B	2	10
CAMO-25-367489	MCOI-6	07/07/2025	AS	Arsenic	2	ug/L	U	N	F	N3B-2025-2621	REG	SW-846-6020B	2	10
CAMO-26-377446	MCOI-6	11/24/2025	AS	Arsenic	2.97	ug/L	U	N	F	N3B-2026-623	REG	SW-846-6020B	2	10
CAMO-26-377456	MCOI-6	11/24/2025	AS	Arsenic	3	ug/L	U	N	F	N3B-2026-623	FD	SW-846-6020B	2	10
CAMO-25-362288	MCOI-6	05/06/2025	1912-24-9	Atrazine	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	3
CAMO-26-377445	MCOI-6	11/24/2025	1912-24-9	Atrazine	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	3
CAMO-26-377455	MCOI-6	11/24/2025	1912-24-9	Atrazine	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	3
CAMO-25-362288	MCOI-6	05/06/2025	103-33-3	Azobenzene	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	0.78
CAMO-26-377445	MCOI-6	11/24/2025	103-33-3	Azobenzene	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	0.78
CAMO-26-377455	MCOI-6	11/24/2025	103-33-3	Azobenzene	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	0.78
CAMO-25-346061	MCOI-6	01/08/2025	BA	Barium	33.6	ug/L	NQ	Y	F	N3B-2025-819	REG	SW-846-6010D	1	2,000
CAMO-25-362289	MCOI-6	05/06/2025	BA	Barium	37.1	ug/L	NQ	Y	F	N3B-2025-1732	REG	SW-846-6010D	1	2,000
CAMO-25-367489	MCOI-6	07/07/2025	BA	Barium	36.4	ug/L	NQ	Y	F	N3B-2025-2621	REG	SW-846-6010D	1	2,000
CAMO-26-377446	MCOI-6	11/24/2025	BA	Barium	36.9	ug/L	NQ	Y	F	N3B-2026-623	REG	SW-846-6010D	1	2,000
CAMO-26-377456	MCOI-6	11/24/2025	BA	Barium	35.2	ug/L	NQ	Y	F	N3B-2026-623	FD	SW-846-6010D	1	2,000
CAMO-25-362288	MCOI-6	05/06/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	5
CAMO-26-377445	MCOI-6	11/24/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	5
CAMO-26-377455	MCOI-6	11/24/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	5

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-25-362288	MCOI-6	05/06/2025	92-87-5	Benzidine	4.47	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	4.47	0.00109
CAMO-26-377445	MCOI-6	11/24/2025	92-87-5	Benzidine	3.99	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	3.99	0.00109
CAMO-26-377455	MCOI-6	11/24/2025	92-87-5	Benzidine	4.29	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	4.29	0.00109
CAMO-25-362288	MCOI-6	05/06/2025	50-32-8	Benzo(a)pyrene	0.0344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E_SIM	0.0344	0.2
CAMO-25-362288	MCOI-6	05/06/2025	50-32-8	Benzo(a)pyrene	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	0.344	0.2
CAMO-26-377445	MCOI-6	11/24/2025	50-32-8	Benzo(a)pyrene	0.0307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E_SIM	0.0307	0.2
CAMO-26-377445	MCOI-6	11/24/2025	50-32-8	Benzo(a)pyrene	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	0.307	0.2
CAMO-26-377455	MCOI-6	11/24/2025	50-32-8	Benzo(a)pyrene	0.033	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E_SIM	0.033	0.2
CAMO-26-377455	MCOI-6	11/24/2025	50-32-8	Benzo(a)pyrene	0.344	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	0.344	0.2
CAMO-25-362288	MCOI-6	05/06/2025	205-99-2	Benzo(b)fluoranthene	0.307	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	0.307	0.343
CAMO-26-377445	MCOI-6	11/24/2025	205-99-2	Benzo(b)fluoranthene	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	0.307	0.343
CAMO-26-377455	MCOI-6	11/24/2025	205-99-2	Benzo(b)fluoranthene	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	0.33	0.343
CAMO-25-362288	MCOI-6	05/06/2025	207-08-9	Benzo(k)fluoranthene	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	0.344	3.43
CAMO-26-377445	MCOI-6	11/24/2025	207-08-9	Benzo(k)fluoranthene	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	0.307	3.43
CAMO-26-377455	MCOI-6	11/24/2025	207-08-9	Benzo(k)fluoranthene	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	0.33	3.43
CAMO-25-346061	MCOI-6	01/08/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2025-819	REG	SW-846:6020B	0.2	4
CAMO-25-362289	MCOI-6	05/06/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2025-1732	REG	SW-846:6020B	0.2	4
CAMO-25-367489	MCOI-6	07/07/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2025-2621	REG	SW-846:6020B	0.2	4
CAMO-26-377446	MCOI-6	11/24/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2026-623	REG	SW-846:6020B	0.2	4
CAMO-26-377456	MCOI-6	11/24/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2026-623	FD	SW-846:6020B	0.2	4
CAMO-25-340466	MCOI-6	07/07/2025	319-84-6	BHCl[alpha-]	0.00665	ug/L	U	N	UF	2025-885	REG	SW-846:8081B	0.00665	0.0693
CAMO-25-340466	MCOI-6	07/07/2025	319-85-7	BHCl[beta-]	0.00665	ug/L	U	N	UF	2025-885	REG	SW-846:8081B	0.00665	0.243
CAMO-25-340466	MCOI-6	07/07/2025	58-89-9	BHCl[gamma-]	0.00665	ug/L	U	N	UF	2025-885	REG	SW-846:8081B	0.00665	0.415
CAMO-25-362288	MCOI-6	05/06/2025	111-44-4	Bis(2-chloroethyl)ether	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	3.44	0.137
CAMO-26-377445	MCOI-6	11/24/2025	111-44-4	Bis(2-chloroethyl)ether	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	3.07	0.137
CAMO-26-377455	MCOI-6	11/24/2025	111-44-4	Bis(2-chloroethyl)ether	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	3.3	0.137
CAMO-25-362288	MCOI-6	05/06/2025	117-81-7	Bis(2-ethylhexyl)phthalate	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	0.344	55.6
CAMO-26-377445	MCOI-6	11/24/2025	117-81-7	Bis(2-ethylhexyl)phthalate	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	0.307	55.6
CAMO-26-377455	MCOI-6	11/24/2025	117-81-7	Bis(2-ethylhexyl)phthalate	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	0.33	55.6
CAMO-25-346061	MCOI-6	01/08/2025	B	Boron	47.9	ug/L	J	Y	F	N3B-2025-819	REG	SW-846:6010D	15	750
CAMO-25-362289	MCOI-6	05/06/2025	B	Boron	45.6	ug/L	J	Y	F	N3B-2025-1732	REG	SW-846:6010D	15	750
CAMO-25-367489	MCOI-6	07/07/2025	B	Boron	45.6	ug/L	J	Y	F	N3B-2025-2621	REG	SW-846:6010D	15	750
CAMO-26-377446	MCOI-6	11/24/2025	B	Boron	40.9	ug/L	J	Y	F	N3B-2026-623	REG	SW-846:6010D	15	750
CAMO-26-377456	MCOI-6	11/24/2025	B	Boron	38.8	ug/L	J	Y	F	N3B-2026-623	FD	SW-846:6010D	15	750
CAMO-25-362288	MCOI-6	05/06/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8260D	0.333	1.34
CAMO-26-377445	MCOI-6	11/24/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.333	1.34
CAMO-25-362288	MCOI-6	05/06/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8260D	0.333	1.34
CAMO-26-377455	MCOI-6	11/24/2025	75-25-2	Bromoform	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8260D	0.333	32.9
CAMO-26-377445	MCOI-6	11/24/2025	75-25-2	Bromoform	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.333	32.9
CAMO-26-377455	MCOI-6	11/24/2025	75-25-2	Bromoform	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8260D	0.333	32.9
CAMO-25-362288	MCOI-6	05/06/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8260D	0.337	7.54
CAMO-26-377445	MCOI-6	11/24/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.337	7.54
CAMO-26-377455	MCOI-6	11/24/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8260D	0.337	7.54
CAMO-25-346061	MCOI-6	01/08/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2025-819	REG	SW-846:6020B	0.3	5
CAMO-25-362289	MCOI-6	05/06/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2025-1732	REG	SW-846:6020B	0.3	5
CAMO-25-367489	MCOI-6	07/07/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2025-2621	REG	SW-846:6020B	0.3	5
CAMO-26-377446	MCOI-6	11/24/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2026-623	REG	SW-846:6020B	0.3	5
CAMO-26-377456	MCOI-6	11/24/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2026-623	FD	SW-846:6020B	0.3	5
CAMO-25-362288	MCOI-6	05/06/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8260D	0.333	5
CAMO-26-377445	MCOI-6	11/24/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.333	5
CAMO-26-377455	MCOI-6	11/24/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8260D	0.333	5
CAMO-25-340466	MCOI-6	07/07/2025	57-74-9	Chlordane(alpha/gamma)	0.0765	ug/L	U	N	UF	2025-885	REG	SW-846:8081B	0.0765	0.448
CAMO-25-346061	MCOI-6	01/08/2025	Cl(-1)	Chloride	42.6	mg/L	NQ	Y	F	N3B-2025-819	REG	SW-846:9056A	0.67	250
CAMO-25-362289	MCOI-6	05/06/2025	Cl(-1)	Chloride	43.3	mg/L	NQ	Y	F	N3B-2025-1732	REG	SW-846:9056A	0.67	250
CAMO-25-367489	MCOI-6	07/07/2025	Cl(-1)	Chloride	42.8	mg/L	NQ	Y	F	N3B-2025-2621	REG	SW-846:9056A	0.67	250
CAMO-26-377446	MCOI-6	11/24/2025	Cl(-1)	Chloride	43.3	mg/L	NQ	Y	F	N3B-2026-623	REG	SW-846:9056A	0.67	250
CAMO-26-377456	MCOI-6	11/24/2025	Cl(-1)	Chloride	44.6	mg/L	NQ	Y	F	N3B-2026-623	FD	SW-846:9056A	0.67	250
CAMO-25-362288	MCOI-6	05/06/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8260D	0.333	77.6
CAMO-26-377445	MCOI-6	11/24/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.333	77.6
CAMO-26-377455	MCOI-6	11/24/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8260D	0.333	77.6

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-25-362288	MCOI-6	05/06/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	100
CAMO-26-377445	MCOI-6	11/24/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	100
CAMO-26-377455	MCOI-6	11/24/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	100
CAMO-25-362288	MCOI-6	05/06/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	20.3
CAMO-26-377445	MCOI-6	11/24/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	20.3
CAMO-26-377455	MCOI-6	11/24/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	20.3
CAMO-25-346061	MCOI-6	01/08/2025	CR	Chromium	50.7	ug/L	NQ	Y	F	N3B-2025-819	REG	SW-846-6020B	3	50
CAMO-26-362289	MCOI-6	05/06/2025	CR	Chromium	48.8	ug/L	NQ	Y	F	N3B-2025-1732	REG	SW-846-6020B	3	50
CAMO-26-377446	MCOI-6	07/07/2025	CR	Chromium	49.4	ug/L	NQ	Y	F	N3B-2025-2621	REG	SW-846-6020B	3	50
CAMO-26-377446	MCOI-6	11/24/2025	CR	Chromium	44.8	ug/L	NQ	Y	F	N3B-2026-623	REG	SW-846-6020B	3	50
CAMO-26-377456	MCOI-6	11/24/2025	CR	Chromium	44.1	ug/L	NQ	Y	F	N3B-2026-623	FD	SW-846-6020B	3	50
CAMO-25-346061	MCOI-6	01/08/2025	CO	Cobalt	0.3	ug/L	U	N	F	N3B-2025-819	REG	SW-846-6020B	0.3	50
CAMO-25-362289	MCOI-6	05/06/2025	CO	Cobalt	0.652	ug/L	J	Y	F	N3B-2025-1732	REG	SW-846-6020B	0.3	50
CAMO-25-367489	MCOI-6	07/07/2025	CO	Cobalt	0.3	ug/L	U	N	F	N3B-2025-2621	REG	SW-846-6020B	0.3	50
CAMO-26-377446	MCOI-6	11/24/2025	CO	Cobalt	0.3	ug/L	U	N	F	N3B-2026-623	REG	SW-846-6020B	0.3	50
CAMO-26-377456	MCOI-6	11/24/2025	CO	Cobalt	0.3	ug/L	U	N	F	N3B-2026-623	FD	SW-846-6020B	0.3	50
CAMO-25-346061	MCOI-6	01/08/2025	CU	Copper	4.28	ug/L	NQ	Y	F	N3B-2025-819	REG	SW-846-6020B	0.3	1,000
CAMO-26-362289	MCOI-6	05/06/2025	CU	Copper	4.31	ug/L	NQ	Y	F	N3B-2025-1732	REG	SW-846-6020B	0.3	1,000
CAMO-25-367489	MCOI-6	07/07/2025	CU	Copper	3.36	ug/L	NQ	Y	F	N3B-2025-2621	REG	SW-846-6020B	0.3	1,000
CAMO-26-377446	MCOI-6	11/24/2025	CU	Copper	2.77	ug/L	NQ	Y	F	N3B-2026-623	REG	SW-846-6020B	0.3	1,000
CAMO-26-377456	MCOI-6	11/24/2025	CU	Copper	2.71	ug/L	NQ	Y	F	N3B-2026-623	FD	SW-846-6020B	0.3	1,000
CAMO-25-346060	MCOI-6	01/08/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2025-819	REG	SW-846-9012B	0.00167	200
CAMO-25-362288	MCOI-6	05/06/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2025-1732	REG	SW-846-9012B	0.00167	200
CAMO-25-367488	MCOI-6	07/07/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2025-2621	REG	SW-846-9012B	0.00167	200
CAMO-26-377445	MCOI-6	11/24/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2026-623	REG	SW-846-9012B	0.00167	200
CAMO-26-377455	MCOI-6	11/24/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2026-623	FD	SW-846-9012B	0.00167	200
CAMO-25-340466	MCOI-6	07/07/2025	50-29-3	DDT[4,4']	0.01	ug/L	U	N	UF	2025-885	REG	SW-846-8081B	0.01	2.29
CAMO-25-362288	MCOI-6	05/06/2025	84-74-2	Di-n-butylphthalate	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	0.344	885
CAMO-26-377445	MCOI-6	11/24/2025	84-74-2	Di-n-butylphthalate	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	0.307	885
CAMO-26-377455	MCOI-6	11/24/2025	84-74-2	Di-n-butylphthalate	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	0.33	885
CAMO-26-362288	MCOI-6	05/06/2025	106-93-4	Dibromomethane[1,2]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	0.05
CAMO-26-377445	MCOI-6	11/24/2025	106-93-4	Dibromomethane[1,2]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	0.05
CAMO-26-377455	MCOI-6	11/24/2025	106-93-4	Dibromomethane[1,2]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	0.05
CAMO-25-362288	MCOI-6	05/06/2025	95-50-1	Dichlorobenzene[1,2]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	600
CAMO-25-362288	MCOI-6	05/06/2025	95-50-1	Dichlorobenzene[1,2]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	600
CAMO-26-377445	MCOI-6	11/24/2025	95-50-1	Dichlorobenzene[1,2]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	600
CAMO-26-377455	MCOI-6	11/24/2025	95-50-1	Dichlorobenzene[1,2]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	600
CAMO-25-362288	MCOI-6	05/06/2025	106-46-7	Dichlorobenzene[1,4]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	75
CAMO-26-377445	MCOI-6	11/24/2025	106-46-7	Dichlorobenzene[1,4]	3.44	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.44	75
CAMO-25-362288	MCOI-6	05/06/2025	106-46-7	Dichlorobenzene[1,4]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	75
CAMO-26-377445	MCOI-6	11/24/2025	106-46-7	Dichlorobenzene[1,4]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	75
CAMO-26-377455	MCOI-6	11/24/2025	106-46-7	Dichlorobenzene[1,4]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	75
CAMO-26-377445	MCOI-6	11/24/2025	106-46-7	Dichlorobenzene[1,4]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	75
CAMO-25-362288	MCOI-6	05/06/2025	91-94-1	Dichlorobenzidine[3,3']	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	1.25
CAMO-26-377445	MCOI-6	11/24/2025	91-94-1	Dichlorobenzidine[3,3']	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	1.25
CAMO-26-377455	MCOI-6	11/24/2025	91-94-1	Dichlorobenzidine[3,3']	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	1.25
CAMO-26-362288	MCOI-6	05/06/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.355	197
CAMO-26-377445	MCOI-6	11/24/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.355	197
CAMO-26-377455	MCOI-6	11/24/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.355	197
CAMO-25-362288	MCOI-6	05/06/2025	75-34-3	Dichloroethane[1,1]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	25
CAMO-26-377445	MCOI-6	11/24/2025	75-34-3	Dichloroethane[1,1]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	25
CAMO-26-377455	MCOI-6	11/24/2025	75-34-3	Dichloroethane[1,1]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	25
CAMO-25-362288	MCOI-6	05/06/2025	107-06-2	Dichloroethane[1,2]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	5
CAMO-26-377445	MCOI-6	11/24/2025	107-06-2	Dichloroethane[1,2]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	5
CAMO-26-377455	MCOI-6	11/24/2025	107-06-2	Dichloroethane[1,2]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	5
CAMO-25-362288	MCOI-6	05/06/2025	75-35-4	Dichloroethene[1,1]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	7
CAMO-26-377445	MCOI-6	11/24/2025	75-35-4	Dichloroethene[1,1]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	7
CAMO-26-377455	MCOI-6	11/24/2025	75-35-4	Dichloroethene[1,1]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	7

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-25-362288	MCOI-6	05/06/2025	156-59-2	Dichloroethene[<i>cis</i> -1,2-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	70
CAMO-26-377445	MCOI-6	11/24/2025	156-59-2	Dichloroethene[<i>cis</i> -1,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	70
CAMO-26-377445	MCOI-6	11/24/2025	156-59-2	Dichloroethene[<i>cis</i> -1,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	70
CAMO-25-362288	MCOI-6	05/06/2025	156-60-5	Dichloroethene[<i>trans</i> -1,2-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	100
CAMO-26-377445	MCOI-6	11/24/2025	156-60-5	Dichloroethene[<i>trans</i> -1,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	100
CAMO-26-377455	MCOI-6	11/24/2025	156-60-5	Dichloroethene[<i>trans</i> -1,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	100
CAMO-25-362288	MCOI-6	05/06/2025	120-83-2	Dichlorophenol[2,4-]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	45.3
CAMO-26-377445	MCOI-6	11/24/2025	120-83-2	Dichlorophenol[2,4-]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	45.3
CAMO-25-362288	MCOI-6	05/06/2025	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	5
CAMO-26-377445	MCOI-6	11/24/2025	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	5
CAMO-25-362288	MCOI-6	05/06/2025	10061-01-5	Dichloropropene[<i>gs</i> -1,3-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	4.7
CAMO-26-377445	MCOI-6	11/24/2025	10061-01-5	Dichloropropene[<i>gs</i> -1,3-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	4.7
CAMO-26-377455	MCOI-6	11/24/2025	10061-01-5	Dichloropropene[<i>gs</i> -1,3-]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	4.7
CAMO-25-362288	MCOI-6	05/06/2025	10061-02-6	Dichloropropene[<i>trans</i> -1,3-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	4.7
CAMO-26-377445	MCOI-6	11/24/2025	10061-02-6	Dichloropropene[<i>trans</i> -1,3-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	4.7
CAMO-25-340466	MCOI-6	07/07/2025	60-57-1	Dieldrin	0.01	ug/L	U	N	UF	2025-885	REG	SW-846-8081B	0.0100	0.0175
CAMO-25-362288	MCOI-6	05/06/2025	84-66-2	Diethylphthalate	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	0.344	14.800
CAMO-26-377445	MCOI-6	11/24/2025	84-66-2	Diethylphthalate	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	0.307	14.800
CAMO-26-377455	MCOI-6	11/24/2025	84-66-2	Diethylphthalate	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	0.330	14.800
CAMO-25-362288	MCOI-6	05/06/2025	131-11-3	Dimethyl Phthalate	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	0.344	612
CAMO-26-377445	MCOI-6	11/24/2025	131-11-3	Dimethyl Phthalate	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	0.307	612
CAMO-26-377455	MCOI-6	11/24/2025	131-11-3	Dimethyl Phthalate	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	0.33	612
CAMO-25-362288	MCOI-6	05/06/2025	534-52-1	Dinitro-2-methylphenol[4,6-]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	1.52
CAMO-26-377445	MCOI-6	11/24/2025	534-52-1	Dinitro-2-methylphenol[4,6-]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	1.52
CAMO-26-377455	MCOI-6	11/24/2025	534-52-1	Dinitro-2-methylphenol[4,6-]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	1.52
CAMO-26-377445	MCOI-6	05/06/2025	51-28-5	Dinitrophenol[2,4-]	5.73	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	5.73	38.7
CAMO-26-377445	MCOI-6	11/24/2025	51-28-5	Dinitrophenol[2,4-]	5.12	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	5.12	38.7
CAMO-25-362288	MCOI-6	05/06/2025	51-28-5	Dinitrophenol[2,4-]	5.51	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	5.51	38.7
CAMO-26-377455	MCOI-6	11/24/2025	121-14-2	Dinitrotoluene[2,4-]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	2.37
CAMO-25-362288	MCOI-6	05/06/2025	121-14-2	Dinitrotoluene[2,4-]	0.0276	ug/L	U	N	UF	N3B-2025-1734	REG	SW-846-8321B	0.0276	2.37
CAMO-26-377445	MCOI-6	11/24/2025	121-14-2	Dinitrotoluene[2,4-]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	2.37
CAMO-26-377455	MCOI-6	11/24/2025	121-14-2	Dinitrotoluene[2,4-]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	2.37
CAMO-26-377457	MCOI-6	11/24/2025	121-14-2	Dinitrotoluene[2,4-]	0.0253	ug/L	U	N	UF	N3B-2026-626	REG	SW-846-8321B	0.0253	2.37
CAMO-25-362288	MCOI-6	11/24/2025	121-14-2	Dinitrotoluene[2,4-]	0.0276	ug/L	U	N	UF	N3B-2026-626	FD	SW-846-8321B	0.0276	2.37
CAMO-26-377445	MCOI-6	05/06/2025	606-20-2	Dinitrotoluene[2,6-]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	0.485
CAMO-25-362290	MCOI-6	05/06/2025	606-20-2	Dinitrotoluene[2,6-]	0.0553	ug/L	U	N	UF	N3B-2025-1734	REG	SW-846-8321B	0.0553	0.485
CAMO-26-377445	MCOI-6	11/24/2025	606-20-2	Dinitrotoluene[2,6-]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	0.485
CAMO-26-377455	MCOI-6	11/24/2025	606-20-2	Dinitrotoluene[2,6-]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	0.485
CAMO-26-377457	MCOI-6	11/24/2025	606-20-2	Dinitrotoluene[2,6-]	0.0507	ug/L	U	N	UF	N3B-2026-626	REG	SW-846-8321B	0.0507	0.485
CAMO-25-362288	MCOI-6	05/06/2025	606-20-2	Dinitrotoluene[2,6-]	0.0552	ug/L	U	N	UF	N3B-2026-626	FD	SW-846-8321B	0.0552	0.485
CAMO-26-377445	MCOI-6	11/24/2025	123-91-1	Dioxane[1,4-]	32.8	ug/L	NQ	Y	UF	N3B-2025-1732	REG	SW-846-8270E_SIM	0.4	4.59
CAMO-26-377445	MCOI-6	11/24/2025	123-91-1	Dioxane[1,4-]	24.1	ug/L	NQ	Y	UF	N3B-2026-623	REG	SW-846-8270E_SIM	0.4	4.59
CAMO-26-377455	MCOI-6	11/24/2025	123-91-1	Dioxane[1,4-]	29.1	ug/L	NQ	Y	UF	N3B-2026-623	FD	SW-846-8270E_SIM	0.4	4.59
CAMO-25-362288	MCOI-6	05/06/2025	122-39-4	Diphenylamine	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	122
CAMO-26-377445	MCOI-6	11/24/2025	122-39-4	Diphenylamine	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	122
CAMO-26-377455	MCOI-6	11/24/2025	122-39-4	Diphenylamine	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	122
CAMO-25-340466	MCOI-6	07/07/2025	959-98-8	Endosulfan I	0.00665	ug/L	U	N	UF	2025-885	REG	SW-846-8081B	0.00665	98.7
CAMO-25-340466	MCOI-6	07/07/2025	33213-65-9	Endosulfan II	0.01	ug/L	U	N	UF	2025-885	REG	SW-846-8081B	0.01	98.7
CAMO-25-340466	MCOI-6	07/07/2025	72-20-8	Endrin	0.01	ug/L	U	N	UF	2025-885	REG	SW-846-8081B	0.01	2.23
CAMO-25-362288	MCOI-6	05/06/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	700
CAMO-26-377445	MCOI-6	11/24/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	700
CAMO-26-377455	MCOI-6	11/24/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	700
CAMO-25-362288	MCOI-6	05/06/2025	206-44-0	Fluoranthene	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	0.344	802
CAMO-26-377445	MCOI-6	11/24/2025	206-44-0	Fluoranthene	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	0.307	802
CAMO-26-377455	MCOI-6	11/24/2025	206-44-0	Fluoranthene	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	0.33	802
CAMO-25-362288	MCOI-6	05/06/2025	86-73-7	Fluorene	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	0.344	288
CAMO-26-377445	MCOI-6	11/24/2025	86-73-7	Fluorene	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	0.307	288

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377455	MCOI-6	11/24/2025	86-73-7	Fluorene	0.33	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	0.33	288
CAMO-25-346061	MCOI-6	01/08/2025	F(-1)	Fluoride	0.495	mg/L	NQ	Y	F	N3B-2025-819	REG	SW-846:9056A	0.033	1.6
CAMO-25-362289	MCOI-6	05/06/2025	F(-1)	Fluoride	0.537	mg/L	NQ	Y	F	N3B-2025-1732	REG	SW-846:9056A	0.033	1.6
CAMO-25-367489	MCOI-6	07/07/2025	F(-1)	Fluoride	0.52	mg/L	NQ	Y	F	N3B-2025-2621	REG	SW-846:9056A	0.033	1.6
CAMO-26-377446	MCOI-6	11/24/2025	F(-1)	Fluoride	0.53	mg/L	NQ	Y	F	N3B-2026-623	REG	SW-846:9056A	0.033	1.6
CAMO-25-377456	MCOI-6	11/24/2025	F(-1)	Fluoride	0.535	mg/L	NQ	Y	F	N3B-2026-623	FD	SW-846:9056A	0.033	1.6
CAMO-25-340466	MCOI-6	07/07/2025	76-44-8	Heptachlor	0.00665	ug/L	U	N	UF	2025-885	REG	SW-846:8081B	0.00665	0.0221
CAMO-25-362288	MCOI-6	05/06/2025	118-74-1	Hexachlorobenzene	0.00625	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8081B	0.00625	0.0976
CAMO-25-362288	MCOI-6	05/06/2025	118-74-1	Hexachlorobenzene	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	3.44	0.0976
CAMO-26-377445	MCOI-6	11/24/2025	118-74-1	Hexachlorobenzene	0.00632	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8081B	0.00632	0.0976
CAMO-26-377445	MCOI-6	11/24/2025	118-74-1	Hexachlorobenzene	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8081B	3.07	0.0976
CAMO-26-377455	MCOI-6	11/24/2025	118-74-1	Hexachlorobenzene	0.0067	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8081B	0.0067	0.0976
CAMO-26-377455	MCOI-6	11/24/2025	118-74-1	Hexachlorobenzene	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	3.3	0.0976
CAMO-25-362288	MCOI-6	05/06/2025	87-68-3	Hexachlorobutadiene	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8260D	0.333	1.39
CAMO-25-362288	MCOI-6	05/06/2025	87-68-3	Hexachlorobutadiene	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	3.44	1.39
CAMO-26-377445	MCOI-6	11/24/2025	87-68-3	Hexachlorobutadiene	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.333	1.39
CAMO-26-377445	MCOI-6	11/24/2025	87-68-3	Hexachlorobutadiene	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	3.07	1.39
CAMO-25-362288	MCOI-6	05/06/2025	77-47-4	Hexachlorocyclopentadiene	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	3.3	1.39
CAMO-25-362288	MCOI-6	05/06/2025	77-47-4	Hexachlorocyclopentadiene	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	3.44	0.411
CAMO-26-377445	MCOI-6	11/24/2025	67-72-1	Hexachloroethane	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	3.44	3.28
CAMO-26-377445	MCOI-6	11/24/2025	67-72-1	Hexachloroethane	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	3.07	3.28
CAMO-26-377455	MCOI-6	11/24/2025	67-72-1	Hexachloroethane	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	3.3	3.28
CAMO-25-340466	MCOI-6	07/07/2025	2691-41-0	HMX	0.0812	ug/L	U	N	UF	2025-885	REG	SW-846:8330B	0.0812	1.000
CAMO-25-346061	MCOI-6	01/08/2025	FE	Iron	30	ug/L	U	N	F	N3B-2025-819	REG	SW-846:6010D	30	1.000
CAMO-25-362289	MCOI-6	05/06/2025	FE	Iron	30	ug/L	U	N	F	N3B-2025-1732	REG	SW-846:6010D	30	1.000
CAMO-25-367489	MCOI-6	07/07/2025	FE	Iron	30	ug/L	U	N	F	N3B-2025-2621	REG	SW-846:6010D	30	1.000
CAMO-26-377446	MCOI-6	11/24/2025	FE	Iron	30	ug/L	U	N	F	N3B-2026-623	REG	SW-846:6010D	30	1.000
CAMO-26-377456	MCOI-6	11/24/2025	FE	Iron	30	ug/L	U	N	F	N3B-2026-623	FD	SW-846:6010D	30	1.000
CAMO-25-362288	MCOI-6	05/06/2025	78-59-1	Isophorone	4.01	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	4.01	781
CAMO-26-377445	MCOI-6	11/24/2025	78-59-1	Isophorone	3.58	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	3.58	781
CAMO-26-377455	MCOI-6	11/24/2025	78-59-1	Isophorone	3.85	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8270E	3.85	781
CAMO-25-346061	MCOI-6	01/08/2025	PB	Lead	0.5	ug/L	U	N	F	N3B-2025-819	REG	SW-846:6020B	0.5	15
CAMO-25-362289	MCOI-6	05/06/2025	PB	Lead	0.5	ug/L	U	N	F	N3B-2025-1732	REG	SW-846:6020B	0.5	15
CAMO-25-367489	MCOI-6	07/07/2025	PB	Lead	0.5	ug/L	U	N	F	N3B-2025-2621	REG	SW-846:6020B	0.5	15
CAMO-26-377446	MCOI-6	11/24/2025	PB	Lead	0.5	ug/L	U	N	F	N3B-2026-623	REG	SW-846:6020B	0.5	15
CAMO-26-377456	MCOI-6	11/24/2025	PB	Lead	0.5	ug/L	U	N	F	N3B-2026-623	FD	SW-846:6020B	0.5	15
CAMO-25-346061	MCOI-6	01/08/2025	MN	Manganese	2	ug/L	U	N	F	N3B-2026-623	REG	SW-846:6010D	2	200
CAMO-25-362289	MCOI-6	05/06/2025	MN	Manganese	2.61	ug/L	J	Y	F	N3B-2025-1732	REG	SW-846:6010D	2	200
CAMO-25-367489	MCOI-6	07/07/2025	MN	Manganese	2	ug/L	U	N	F	N3B-2025-2621	REG	SW-846:6010D	2	200
CAMO-26-377446	MCOI-6	11/24/2025	MN	Manganese	2	ug/L	U	N	F	N3B-2026-623	REG	SW-846:6010D	2	200
CAMO-26-377456	MCOI-6	11/24/2025	MN	Manganese	2	ug/L	U	N	F	N3B-2026-623	FD	SW-846:6010D	2	200
CAMO-25-346060	MCOI-6	01/08/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2025-819	REG	SW-846:7470A	0.067	2
CAMO-25-362288	MCOI-6	01/08/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2025-819	REG	SW-846:7470A	0.067	2
CAMO-25-362288	MCOI-6	05/06/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:7470A	0.067	2
CAMO-25-362289	MCOI-6	05/06/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:7470A	0.067	2
CAMO-25-367488	MCOI-6	07/07/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2025-2621	REG	SW-846:7470A	0.067	2
CAMO-25-367489	MCOI-6	07/07/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2025-2621	REG	SW-846:7470A	0.067	2
CAMO-26-377445	MCOI-6	11/24/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:7470A	0.067	2
CAMO-26-377455	MCOI-6	11/24/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:7470A	0.067	2
CAMO-26-377456	MCOI-6	11/24/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:7470A	0.067	2
CAMO-25-362288	MCOI-6	05/06/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8260D	0.333	100
CAMO-25-362288	MCOI-6	05/06/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.333	100
CAMO-26-377445	MCOI-6	11/24/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8260D	0.333	100
CAMO-25-362288	MCOI-6	05/06/2025	75-09-2	Methylene Chloride	0.56	ug/L	J	Y	UF	N3B-2025-1732	REG	SW-846:8260D	0.5	5
CAMO-26-377445	MCOI-6	11/24/2025	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8260D	0.5	5
CAMO-26-377455	MCOI-6	11/24/2025	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	N3B-2026-623	FD	SW-846:8260D	0.5	5
CAMO-25-362288	MCOI-6	05/06/2025	90-12-0	Methylnaphthalene[1-]	0.344	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846:8270E	0.344	30
CAMO-26-377445	MCOI-6	11/24/2025	90-12-0	Methylnaphthalene[1-]	0.307	ug/L	U	N	UF	N3B-2026-623	REG	SW-846:8270E	0.307	30

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377455	MCOI-6	11/24/2025	90-12-0	Methylnaphthalene[1-]	0.33	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	0.330	30
CAMO-25-362288	MCOI-6	05/06/2025	91-57-6	Methylnaphthalene[2-]	0.344	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	0.344	30
CAMO-26-377445	MCOI-6	11/24/2025	91-57-6	Methylnaphthalene[2-]	0.307	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	0.307	30
CAMO-26-377455	MCOI-6	11/24/2025	91-57-6	Methylnaphthalene[2-]	0.33	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	0.33	30
CAMO-25-346061	MCOI-6	01/08/2025	MO	Molybdenum	2.05	ug/L	NQ	Y	F	N38-2025-819	REG	SW-846:6020B	0.2	1,000
CAMO-25-362289	MCOI-6	05/06/2025	MO	Molybdenum	2.04	ug/L	NQ	Y	F	N38-2025-1732	REG	SW-846:6020B	0.2	1,000
CAMO-25-367489	MCOI-6	07/07/2025	MO	Molybdenum	2.05	ug/L	NQ	Y	F	N38-2025-2621	REG	SW-846:6020B	0.2	1,000
CAMO-26-377446	MCOI-6	11/24/2025	MO	Molybdenum	1.96	ug/L	NQ	Y	F	N38-2026-623	REG	SW-846:6020B	0.2	1,000
CAMO-26-377456	MCOI-6	11/24/2025	MO	Molybdenum	1.92	ug/L	NQ	Y	F	N38-2026-623	FD	SW-846:6020B	0.2	1,000
CAMO-25-362288	MCOI-6	05/06/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8260D	0.333	30
CAMO-25-362288	MCOI-6	05/06/2025	91-20-3	Naphthalene	0.344	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	0.344	30
CAMO-26-377445	MCOI-6	11/24/2025	91-20-3	Naphthalene	0.307	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	0.307	30
CAMO-26-377445	MCOI-6	11/24/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8260D	0.333	30
CAMO-26-377455	MCOI-6	11/24/2025	91-20-3	Naphthalene	0.33	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	0.33	30
CAMO-26-377455	MCOI-6	11/24/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8260D	0.333	30
CAMO-25-346061	MCOI-6	01/08/2025	NI	Nickel	7.2	ug/L	NQ	Y	F	N38-2025-819	REG	SW-846:6020B	0.6	200
CAMO-25-362289	MCOI-6	05/06/2025	NI	Nickel	11.6	ug/L	NQ	Y	F	N38-2025-1732	REG	SW-846:6020B	0.6	200
CAMO-25-367489	MCOI-6	07/07/2025	NI	Nickel	7.19	ug/L	NQ	Y	F	N38-2025-2621	REG	SW-846:6020B	0.6	200
CAMO-26-377446	MCOI-6	11/24/2025	NI	Nickel	5.03	ug/L	NQ	Y	F	N38-2026-623	REG	SW-846:6020B	0.6	200
CAMO-26-377456	MCOI-6	11/24/2025	NI	Nickel	5.04	ug/L	NQ	Y	F	N38-2026-623	FD	SW-846:6020B	0.6	200
CAMO-25-346061	MCOI-6	01/08/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	14.4	mg/L	NQ	Y	F	N38-2025-819	REG	EPA:353.2	0.17	10
CAMO-25-362289	MCOI-6	05/06/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	18.1	mg/L	NQ	Y	F	N38-2025-1732	REG	EPA:353.2	0.85	10
CAMO-25-367489	MCOI-6	07/07/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	16.2	mg/L	NQ	Y	F	N38-2025-2621	REG	EPA:353.2	0.425	10
CAMO-26-377446	MCOI-6	11/24/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	15.4	mg/L	NQ	Y	F	N38-2026-623	REG	EPA:353.2	0.340	10
CAMO-26-377456	MCOI-6	11/24/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	14.9	mg/L	NQ	Y	F	N38-2026-623	FD	EPA:353.2	0.340	10
CAMO-25-340468	MCOI-6	07/07/2025	NO2-N	Nitrite as Nitrogen	0.033	mg/L	U	N	F	2025-884	REG	EPA:300.0	0.033	1
CAMO-25-362288	MCOI-6	05/06/2025	98-95-3	Nitrobenzene	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	1.4
CAMO-25-362290	MCOI-6	05/06/2025	98-95-3	Nitrobenzene	0.0276	ug/L	U	N	UF	N38-2025-1734	REG	SW-846:8321B	0.0276	1.4
CAMO-26-377445	MCOI-6	11/24/2025	98-95-3	Nitrobenzene	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	1.4
CAMO-26-377455	MCOI-6	11/24/2025	98-95-3	Nitrobenzene	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	1.4
CAMO-26-377457	MCOI-6	11/24/2025	98-95-3	Nitrobenzene	0.0253	ug/L	U	N	UF	N38-2026-626	REG	SW-846:8321B	0.0253	1.4
CAMO-26-377458	MCOI-6	11/24/2025	98-95-3	Nitrobenzene	0.0276	ug/L	U	N	UF	N38-2026-626	FD	SW-846:8321B	0.0276	1.4
CAMO-25-362288	MCOI-6	05/06/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	0.0273
CAMO-25-362291	MCOI-6	05/06/2025	924-16-3	Nitroso-di-n-butylamine[N-]	0.00039	ug/L	U	N	UF	N38-2025-1733	REG	Nitrosamines:HRMS	0.00039	0.0273
CAMO-26-377445	MCOI-6	11/24/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	0.0273
CAMO-26-377451	MCOI-6	11/24/2025	924-16-3	Nitroso-di-n-butylamine[N-]	0.0007	ug/L	U	N	UF	N38-2026-625	REG	Nitrosamines:GCMS/MS	0.0007	0.0273
CAMO-26-377455	MCOI-6	11/24/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	0.0273
CAMO-25-362288	MCOI-6	05/06/2025	55-18-5	Nitrosodiethylamine[N-]	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	0.00167
CAMO-25-362291	MCOI-6	05/06/2025	55-18-5	Nitrosodiethylamine[N-]	0.00033	ug/L	U	N	UF	N38-2025-1733	REG	Nitrosamines:HRMS	0.00033	0.00167
CAMO-26-377445	MCOI-6	11/24/2025	55-18-5	Nitrosodiethylamine[N-]	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	0.00167
CAMO-26-377451	MCOI-6	11/24/2025	55-18-5	Nitrosodiethylamine[N-]	0.00019	ug/L	U	N	UF	N38-2026-625	REG	Nitrosamines:GCMS/MS	0.00019	0.00167
CAMO-26-377455	MCOI-6	11/24/2025	55-18-5	Nitrosodiethylamine[N-]	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	0.00167
CAMO-26-377460	MCOI-6	11/24/2025	55-18-5	Nitrosodiethylamine[N-]	0.00019	ug/L	U	N	UF	N38-2026-625	FD	Nitrosamines:GCMS/MS	0.00019	0.00167
CAMO-25-362288	MCOI-6	05/06/2025	62-75-9	Nitrosodimethylamine[N-]	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	0.00491
CAMO-25-362291	MCOI-6	05/06/2025	62-75-9	Nitrosodimethylamine[N-]	0.0129	ug/L	J	Y	UF	N38-2025-1733	REG	Nitrosamines:HRMS	0.00034	0.00491
CAMO-26-377445	MCOI-6	11/24/2025	62-75-9	Nitrosodimethylamine[N-]	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	0.00491
CAMO-26-377455	MCOI-6	11/24/2025	62-75-9	Nitrosodimethylamine[N-]	0.000468	ug/L	J	Y	UF	N38-2026-625	REG	Nitrosamines:GCMS/MS	0.0003	0.00491
CAMO-26-377460	MCOI-6	11/24/2025	62-75-9	Nitrosodimethylamine[N-]	0.000378	ug/L	J	Y	UF	N38-2026-625	FD	Nitrosamines:GCMS/MS	0.0003	0.00491
CAMO-25-362288	MCOI-6	05/06/2025	930-55-2	Nitrosopyrrolidine[N-]	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	0.37
CAMO-25-362291	MCOI-6	05/06/2025	930-55-2	Nitrosopyrrolidine[N-]	0.00027	ug/L	U	N	UF	N38-2025-1733	REG	Nitrosamines:HRMS	0.00027	0.37
CAMO-26-377445	MCOI-6	11/24/2025	930-55-2	Nitrosopyrrolidine[N-]	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	0.37
CAMO-26-377451	MCOI-6	11/24/2025	930-55-2	Nitrosopyrrolidine[N-]	0.00033	ug/L	U	N	UF	N38-2026-625	REG	Nitrosamines:GCMS/MS	0.00033	0.37
CAMO-26-377455	MCOI-6	11/24/2025	930-55-2	Nitrosopyrrolidine[N-]	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	0.37
CAMO-26-377460	MCOI-6	11/24/2025	930-55-2	Nitrosopyrrolidine[N-]	0.00033	ug/L	U	N	UF	N38-2026-625	FD	Nitrosamines:GCMS/MS	0.00033	0.37
CAMO-25-362288	MCOI-6	05/06/2025	108-60-1	Oxybis[1-chloropropane][2,2-]	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	9.81
CAMO-26-377445	MCOI-6	11/24/2025	108-60-1	Oxybis[1-chloropropane][2,2-]	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	9.81
CAMO-26-377455	MCOI-6	11/24/2025	108-60-1	Oxybis[1-chloropropane][2,2-]	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	9.81
CAMO-25-362288	MCOI-6	05/06/2025	608-93-5	Pentachlorobenzene	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	3.07

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377445	MCOI-6	11/24/2025	608-93-5	Pentachlorobenzene	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	3.07
CAMO-26-377455	MCOI-6	11/24/2025	608-93-5	Pentachlorobenzene	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	3.07
CAMO-25-362288	MCOI-6	05/06/2025	87-86-5	Pentachlorophenol	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	1
CAMO-26-377445	MCOI-6	11/24/2025	87-86-5	Pentachlorophenol	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	1
CAMO-26-377455	MCOI-6	11/24/2025	87-86-5	Pentachlorophenol	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	1
CAMO-25-346061	MCOI-6	01/08/2025	CL04	Perchlorate	130	ug/L	NQ	Y	F	N38-2025-819	REG	SW-846:6850	1	13.8
CAMO-25-362289	MCOI-6	05/06/2025	CL04	Perchlorate	125	ug/L	NQ	Y	F	N38-2025-1732	REG	SW-846:6850	2.5	13.8
CAMO-25-367489	MCOI-6	07/07/2025	CL04	Perchlorate	131	ug/L	NQ	Y	F	N38-2025-2621	REG	SW-846:6850	2.5	13.8
CAMO-26-377446	MCOI-6	11/24/2025	CL04	Perchlorate	135	ug/L	NQ	Y	F	N38-2026-623	REG	SW-846:6850	1	13.8
CAMO-26-377456	MCOI-6	11/24/2025	CL04	Perchlorate	134	ug/L	NQ	Y	F	N38-2026-623	FD	SW-846:6850	1	13.8
CAMO-26-377452	MCOI-6	11/24/2025	355-46-4	Perfluorohexanesulfonic acid	0.602	ng/L	U	N	UF	N38-2026-623	REG	EPA:1633A	0.602	401
CAMO-26-377462	MCOI-6	11/24/2025	355-46-4	Perfluorohexanesulfonic acid	0.637	ng/L	J	Y	UF	N38-2026-623	FD	EPA:1633A	0.547	401
CAMO-26-377452	MCOI-6	11/24/2025	1763-23-1	Perfluorooctanesulfonic acid	0.612	ng/L	U	N	UF	N38-2026-623	REG	EPA:1633A	0.612	60.2
CAMO-26-377462	MCOI-6	11/24/2025	1763-23-1	Perfluorooctanesulfonic acid	0.555	ng/L	U	N	UF	N38-2026-623	FD	EPA:1633A	0.555	60.2
CAMO-26-377452	MCOI-6	11/24/2025	335-67-1	Perfluorooctanoic acid	0.659	ng/L	U	N	UF	N38-2026-623	REG	EPA:1633A	0.659	60.2
CAMO-26-377462	MCOI-6	11/24/2025	335-67-1	Perfluorooctanoic acid	0.598	ng/L	U	N	UF	N38-2026-623	FD	EPA:1633A	0.598	60.2
	MCOI-6	01/08/2025	pH	pH	7.4	SU								6-9
	MCOI-6	05/06/2025	pH	pH	7.4	SU								6-9
	MCOI-6	07/07/2025	pH	pH	7.4	SU								6-9
	MCOI-6	11/24/2025	pH	pH	7.4	SU								6-9
CAMO-25-362288	MCOI-6	05/06/2025	85-01-8	Phenanthrene	0.344	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	0.344	170
CAMO-26-377445	MCOI-6	11/24/2025	85-01-8	Phenanthrene	0.307	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	0.307	170
CAMO-26-377455	MCOI-6	11/24/2025	85-01-8	Phenanthrene	0.33	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	0.33	170
CAMO-25-362288	MCOI-6	05/06/2025	108-95-2	Phenol	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	5
CAMO-26-377445	MCOI-6	11/24/2025	108-95-2	Phenol	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	5
CAMO-26-377455	MCOI-6	11/24/2025	108-95-2	Phenol	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	5
CAMO-25-362288	MCOI-6	05/06/2025	1610-18-0	Prometon	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	250
CAMO-26-377445	MCOI-6	11/24/2025	1610-18-0	Prometon	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	250
CAMO-26-377455	MCOI-6	11/24/2025	1610-18-0	Prometon	3.3	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	3.3	250
CAMO-25-362288	MCOI-6	05/06/2025	129-00-0	Pyrene	0.344	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	0.344	117
CAMO-26-377445	MCOI-6	11/24/2025	129-00-0	Pyrene	0.307	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	0.307	117
CAMO-26-377455	MCOI-6	11/24/2025	129-00-0	Pyrene	0.33	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8270E	0.33	117
CAMO-26-377445	MCOI-6	11/24/2025	RA-226+228	Radium-226 and Radium-228	1.16	pCi/L	UJ	N	UF	N38-2026-623	REG	Generic:Radium by Calculation	-	5
CAMO-26-377455	MCOI-6	11/24/2025	RA-226+228	Radium-226 and Radium-228	1.22	pCi/L	U	N	UF	N38-2026-623	FD	Generic:Radium by Calculation	-	5
CAMO-25-340466	MCOI-6	07/07/2025	121-82-4	ROX	0.0812	ug/L	U	N	UF	2025-885	REG	SW-846:8330B	0.0812	9.66
CAMO-25-346060	MCOI-6	01/08/2025	SE	Selenium	1.5	ug/L	U	N	UF	N38-2025-819	REG	SW-846:6020B	1.5	50
CAMO-25-346061	MCOI-6	01/08/2025	SE	Selenium	1.5	ug/L	U	N	F	N38-2025-819	REG	SW-846:6020B	1.5	50
CAMO-25-362288	MCOI-6	05/06/2025	SE	Selenium	1.5	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:6020B	1.5	50
CAMO-25-362289	MCOI-6	05/06/2025	SE	Selenium	1.5	ug/L	U	N	F	N38-2025-1732	REG	SW-846:6020B	1.5	50
CAMO-25-367488	MCOI-6	07/07/2025	SE	Selenium	1.5	ug/L	U	N	UF	N38-2025-2621	REG	SW-846:6020B	1.5	50
CAMO-25-367489	MCOI-6	07/07/2025	SE	Selenium	1.5	ug/L	U	N	F	N38-2025-2621	REG	SW-846:6020B	1.5	50
CAMO-26-377445	MCOI-6	11/24/2025	SE	Selenium	1.5	ug/L	U	N	UF	N38-2026-623	REG	SW-846:6020B	1.5	50
CAMO-26-377446	MCOI-6	11/24/2025	SE	Selenium	1.5	ug/L	U	N	F	N38-2026-623	REG	SW-846:6020B	1.5	50
CAMO-26-377455	MCOI-6	11/24/2025	SE	Selenium	1.5	ug/L	U	N	UF	N38-2026-623	FD	SW-846:6020B	1.5	50
CAMO-26-377456	MCOI-6	11/24/2025	SE	Selenium	1.5	ug/L	U	N	F	N38-2026-623	FD	SW-846:6020B	1.5	50
CAMO-25-346061	MCOI-6	01/08/2025	AG	Silver	0.3	ug/L	U	N	F	N38-2025-819	REG	SW-846:6020B	0.3	50
CAMO-25-362289	MCOI-6	05/06/2025	AG	Silver	0.3	ug/L	U	N	F	N38-2025-1732	REG	SW-846:6020B	0.3	50
CAMO-25-367489	MCOI-6	07/07/2025	AG	Silver	0.3	ug/L	U	N	F	N38-2025-2621	REG	SW-846:6020B	0.3	50
CAMO-26-377446	MCOI-6	11/24/2025	AG	Silver	0.3	ug/L	U	N	F	N38-2026-623	REG	SW-846:6020B	0.3	50
CAMO-26-377456	MCOI-6	11/24/2025	AG	Silver	0.3	ug/L	U	N	F	N38-2026-623	FD	SW-846:6020B	0.3	50
CAMO-26-377455	MCOI-6	11/24/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8260D	0.333	100
CAMO-26-377445	MCOI-6	05/06/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8260D	0.333	100
CAMO-26-377455	MCOI-6	11/24/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N38-2026-623	FD	SW-846:8260D	0.333	100
CAMO-25-346061	MCOI-6	01/08/2025	S04(-2)	Sulfate	40.9	mg/L	NQ	Y	F	N38-2025-819	REG	SW-846:9056A	1.33	600
CAMO-25-362289	MCOI-6	05/06/2025	S04(-2)	Sulfate	41.9	mg/L	NQ	Y	F	N38-2025-1732	REG	SW-846:9056A	1.33	600
CAMO-25-367489	MCOI-6	07/07/2025	S04(-2)	Sulfate	41.8	mg/L	NQ	Y	F	N38-2025-2621	REG	SW-846:9056A	1.33	600
CAMO-26-377446	MCOI-6	11/24/2025	S04(-2)	Sulfate	41.2	mg/L	NQ	Y	F	N38-2026-623	REG	SW-846:9056A	1.33	600
CAMO-26-377456	MCOI-6	11/24/2025	S04(-2)	Sulfate	41	mg/L	NQ	Y	F	N38-2026-623	FD	SW-846:9056A	1.33	600
CAMO-25-362288	MCOI-6	05/06/2025	126-33-0	Sulfolane	3.44	ug/L	U	N	UF	N38-2025-1732	REG	SW-846:8270E	3.44	20
CAMO-26-377445	MCOI-6	11/24/2025	126-33-0	Sulfolane	3.07	ug/L	U	N	UF	N38-2026-623	REG	SW-846:8270E	3.07	20

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377455	MCOI-6	11/24/2025	126-33-0	Sulfolane	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	20
CAMO-26-362288	MCOI-6	05/06/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	1.66
CAMO-26-377445	MCOI-6	11/24/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	1.66
CAMO-26-377455	MCOI-6	11/24/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	1.66
CAMO-25-362288	MCOI-6	05/06/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	10
CAMO-26-377445	MCOI-6	11/24/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	10
CAMO-26-377455	MCOI-6	11/24/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	10
CAMO-25-362288	MCOI-6	05/06/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	5
CAMO-26-377445	MCOI-6	11/24/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	5
CAMO-26-377455	MCOI-6	11/24/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	5
CAMO-25-346061	MCOI-6	01/08/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2025-819	REG	SW-846-6020B	0.6	2
CAMO-25-362289	MCOI-6	05/06/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2025-1732	REG	SW-846-6020B	0.6	2
CAMO-25-367489	MCOI-6	07/07/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2025-2621	REG	SW-846-6020B	0.6	2
CAMO-26-377446	MCOI-6	11/24/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2026-623	REG	SW-846-6020B	0.6	2
CAMO-26-377456	MCOI-6	11/24/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2026-623	FD	SW-846-6020B	0.6	2
CAMO-25-362288	MCOI-6	05/06/2025	108-88-3	Toluene	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	1,000
CAMO-26-377445	MCOI-6	11/24/2025	108-88-3	Toluene	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	1,000
CAMO-26-377455	MCOI-6	11/24/2025	108-88-3	Toluene	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	1,000
CAMO-25-346061	MCOI-6	01/08/2025	TDS	Total Dissolved Solids	390	mg/L	NQ	Y	F	N3B-2025-819	REG	EPA-160.1	2.38	1,000
CAMO-25-362289	MCOI-6	05/06/2025	TDS	Total Dissolved Solids	369	mg/L	J	Y	F	N3B-2025-1732	REG	EPA-160.1	2.38	1,000
CAMO-26-377455	MCOI-6	07/07/2025	TDS	Total Dissolved Solids	377	mg/L	NQ	Y	F	N3B-2025-2621	REG	EPA-160.1	2.38	1,000
CAMO-26-377446	MCOI-6	11/24/2025	TDS	Total Dissolved Solids	368	mg/L	J	Y	F	N3B-2026-623	REG	EPA-160.1	2.38	1,000
CAMO-26-377456	MCOI-6	11/24/2025	TDS	Total Dissolved Solids	399	mg/L	J	Y	F	N3B-2026-623	FD	EPA-160.1	2.38	1,000
CAMO-25-346060	MCOI-6	01/08/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	U	N	UF	N3B-2025-819	REG	EPA-351.2	0.033	-
CAMO-25-362288	MCOI-6	05/06/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	U	N	UF	N3B-2025-1732	REG	EPA-351.2	0.033	-
CAMO-25-367488	MCOI-6	07/07/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	U	N	UF	N3B-2025-2621	REG	EPA-351.2	0.033	-
CAMO-26-377445	MCOI-6	11/24/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	U	N	UF	N3B-2026-623	REG	EPA-351.2	0.033	-
CAMO-25-340466	MCOI-6	07/07/2025	8001-35-2	Towaphene (Technical Grade)	0.15	ug/L	U	N	UF	2025-885	REG	SW-846-8081B	0.15	0.158
CAMO-25-362288	MCOI-6	05/06/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	70
CAMO-26-377455	MCOI-6	05/06/2025	120-82-1	Trichlorobenzene[1,2,4-]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	70
CAMO-26-377445	MCOI-6	11/24/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	70
CAMO-26-377445	MCOI-6	11/24/2025	120-82-1	Trichlorobenzene[1,2,4-]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	70
CAMO-26-377455	MCOI-6	11/24/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	70
CAMO-26-377455	MCOI-6	11/24/2025	120-82-1	Trichlorobenzene[1,2,4-]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	70
CAMO-25-362288	MCOI-6	05/06/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	0.2
CAMO-26-377445	MCOI-6	11/24/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	0.2
CAMO-26-377455	MCOI-6	11/24/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	0.2
CAMO-25-362288	MCOI-6	05/06/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	5
CAMO-26-377445	MCOI-6	11/24/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	5
CAMO-26-377455	MCOI-6	11/24/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	5
CAMO-25-362288	MCOI-6	05/06/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	5
CAMO-26-377445	MCOI-6	11/24/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	5
CAMO-26-377455	MCOI-6	11/24/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8260D	0.333	5
CAMO-25-362288	MCOI-6	05/06/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	1,140
CAMO-26-377445	MCOI-6	11/24/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8260D	0.333	1,140
CAMO-25-362288	MCOI-6	05/06/2025	95-95-4	Trichloropheno[2,4,5-]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	1,170
CAMO-26-377445	MCOI-6	11/24/2025	95-95-4	Trichloropheno[2,4,5-]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	1,170
CAMO-26-377455	MCOI-6	11/24/2025	95-95-4	Trichloropheno[2,4,5-]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	1,170
CAMO-25-362288	MCOI-6	05/06/2025	88-06-2	Trichloropheno[2,4,6-]	3.44	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8270E	3.44	11.9
CAMO-26-377445	MCOI-6	11/24/2025	88-06-2	Trichloropheno[2,4,6-]	3.07	ug/L	U	N	UF	N3B-2026-623	REG	SW-846-8270E	3.07	11.9
CAMO-26-377455	MCOI-6	11/24/2025	88-06-2	Trichloropheno[2,4,6-]	3.3	ug/L	U	N	UF	N3B-2026-623	FD	SW-846-8270E	3.3	11.9
CAMO-25-340466	MCOI-6	07/07/2025	118-96-7	Trinitrotoluene[2,4,6-]	0.0812	ug/L	U	N	UF	2025-885	REG	SW-846-8330B	0.0812	9.8
CAMO-25-346061	MCOI-6	01/08/2025	U	Uranium	0.762	ug/L	NQ	Y	F	N3B-2025-819	REG	SW-846-6020B	0.067	30
CAMO-25-362289	MCOI-6	05/06/2025	U	Uranium	0.756	ug/L	NQ	Y	F	N3B-2025-1732	REG	SW-846-6020B	0.067	30
CAMO-26-377489	MCOI-6	07/07/2025	U	Uranium	0.709	ug/L	NQ	Y	F	N3B-2025-2621	REG	SW-846-6020B	0.067	30
CAMO-26-377446	MCOI-6	11/24/2025	U	Uranium	0.773	ug/L	NQ	Y	F	N3B-2026-623	REG	SW-846-6020B	0.067	30
CAMO-26-377456	MCOI-6	11/24/2025	U	Uranium	0.778	ug/L	NQ	Y	F	N3B-2026-623	FD	SW-846-6020B	0.067	30
CAMO-25-362288	MCOI-6	05/06/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N3B-2025-1732	REG	SW-846-8260D	0.333	2

Table 2. Analytical Results from Annual Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377445	MCOI-6	11/24/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N38-2026-623	REG	SW-846-8260D	0.333	2
CAMO-26-377455	MCOI-6	11/24/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N38-2026-623	FD	SW-846-8260D	0.333	2
CAMO-25-362288	MCOI-6	05/06/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	N38-2025-1732	REG	SW-846-8260D	0.333	193
CAMO-26-377445	MCOI-6	11/24/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	N38-2026-623	REG	SW-846-8260D	0.333	193
CAMO-26-377455	MCOI-6	11/24/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	N38-2026-623	FD	SW-846-8260D	0.333	193
CAMO-25-362288	MCOI-6	05/06/2025	XYLENE[M+P]	Xylene[1,3-;Xylene[1,4-]	0.5	ug/L	U	N	UF	N38-2025-1732	REG	SW-846-8260D	0.5	386
CAMO-26-377445	MCOI-6	11/24/2025	XYLENE[M+P]	Xylene[1,3-;Xylene[1,4-]	0.5	ug/L	U	N	UF	N38-2026-623	REG	SW-846-8260D	0.5	386
CAMO-26-377455	MCOI-6	11/24/2025	XYLENE[M+P]	Xylene[1,3-;Xylene[1,4-]	0.5	ug/L	U	N	UF	N38-2026-623	FD	SW-846-8260D	0.5	386
CAMO-25-346061	MCOI-6	01/08/2025	ZN	Zinc	3.33	ug/L	J	Y	F	N38-2025-819	REG	SW-846-6010D	3.3	10,000
CAMO-25-362289	MCOI-6	05/06/2025	ZN	Zinc	14.5	ug/L	J	Y	F	N38-2025-1732	REG	SW-846-6010D	3.3	10,000
CAMO-25-367489	MCOI-6	07/07/2025	ZN	Zinc	8.46	ug/L	J	Y	F	N38-2025-2621	REG	SW-846-6010D	3.3	10,000
CAMO-26-377446	MCOI-6	11/24/2025	ZN	Zinc	7.37	ug/L	J	Y	F	N38-2026-623	REG	SW-846-6010D	3.3	10,000
CAMO-26-377456	MCOI-6	11/24/2025	ZN	Zinc	7.31	ug/L	J	Y	F	N38-2026-623	FD	SW-846-6010D	3.3	10,000

Notes:

¹ug/L - micrograms per liter
mg/L - milligrams per liter
ng/L - nanograms per liter
SU - standard units
pCi/L - picocuries per liter

²U - The analyte is classified as not detected

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

NQ - No validation qualifier flag is associated with this result, and the analyte is classified as detected

UI - The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual

³N - In the Detected column means the analyte was not detected

Y - In the Detected column means the analyte was detected

⁴UF - In the Field Preparation Code column means the sample was not filtered

F - In the Field Preparation Code column means the sample was filtered

⁵REG - In the Sample Purpose column means the sample was a regular sample

FD - In the Sample Purpose column means the sample was a field duplicate

⁶There is not a Report Detection Limit for Radium-226 and Radium-228 since this result is calculated

⁷Groundwater Limit represents standards for groundwater as identified in 20.6.2.3103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for diphenylhydrazine reported as azobenzene, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for N-nitrosodiphenylamine reported as diphenylamine, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for combined Endosulfan I and Endosulfan II is 98.7 ug/L, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Total Kjeldahl Nitrogen does not contain either a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for combined Naphthalene plus monomethynaphthalenes is 30 ug/L, which represents the NMAC 20.6.2.3103 Groundwater Standard

[illegible]

EPC-DO: 25-384

Chain of Custody/Analysis Request

N3B SMO		COC/Lab Request #: N3B-2026-620 Page 1 of 3																							
Los Alamos NM																									
Client Contact:		Site Name: N3B LANL																							
Lab Agreement #:																									
Project Number:																									
Analysis Turnaround Time:																									
24 Hour - ☐		Other - ☐																							
7 Days - ☐																									
14 Days - ☐																									
21 Days - ☐																									
28 Days - ☒																									
Total # of bottles: 104																									
Event ID: 17332																									
Field Sample ID	Sample Date	Sample Time	Sample Matrix	D2H+O18O16	EPA:1633A_IFGMP_PFAS_37a	EPA:1633A_IFGMP_PFAS_3a	EPA:300.1_CIO3	EPA:350.1_NH3+353.2_NO3/NO2+365.4_PO4	EPA:351.2_TKN+SW-846:9060_TOC	EPA:903.1_Ra226+904_Ra228_900.0_GrossAB	EPA:906.0_H3	EPA:CO_GS+905.0_SF+90+HASL:300_Am+PU+U	EPA:SC_PH_TDS_AIK+SW-846:CIO4_Anions	GCMS/MS:Nitrosamines_LL	N15N14	O18O16-NO3	SW-846:8020_Ar+Se+7470_Hg	SW-846:8081_HCB_LL	SW-846:8082_PCB_Aroclor	SW-846:8260_IFGMP_VOA	SW-846:8270_SIM_1,4-Dioxane	SW-846:8270_IFGMP_SVOA_SIM	SW-846:8321_IFGMP_SVOA		
CAMO-26-377445	11/24/2025	13:10	W						1	1	1	1	1	1				1	2	3	2	2	2	3	
CAMO-26-377446	11/24/2025	13:10	W					1					1												
CAMO-26-377447	11/24/2025	13:10	W	2																					
CAMO-26-377448	11/24/2025	13:10	W				1																		
CAMO-26-377449	11/24/2025	13:10	W												2	1	1								
CAMO-26-377451	11/24/2025	13:10	W																						
CAMO-26-377452	11/24/2025	13:10	W																						
CAMO-26-377452_2	11/24/2025	13:10	W																						
CAMO-26-377454	11/24/2025	13:10	W																	1					
CAMO-26-377455	11/24/2025	13:10	W																	2	2	2	2	3	
CAMO-26-377456	11/24/2025	13:10	W																						
CAMO-26-377457	11/24/2025	13:10	W																					3	
CAMO-26-377458	11/24/2025	13:10	W																					3	
CAMO-26-377460	11/24/2025	13:10	W																						
CAMO-26-377462	11/24/2025	13:10	W																						
CAMO-26-377462_2	11/24/2025	13:10	W																						
CAMO-26-377466	11/24/2025	13:10	W																						

Special Instructions:

Relinquished by: <i>[Signature]</i>	Print Name: T. Windsor	Date/Time: 11/24/2025 17:15	Received by: <i>[Signature]</i>	Print Name: <i>[Signature]</i>	Date/Time: 11/24/2025 17:15
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:

LA-UR-26-20300

EPC-DO: 25-384

R-1, May 1, 2025

a	Sample Date	5/1/2025
b	Sample Time	1024
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-1
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,871.53
g	Total depth of the well (ft below ground surface (bgs))	1,080.10
h	Total volume of water in the monitoring well prior to sample collection (gal)	47.4
i	Total volume of water purged prior to sample collection (gal)	237
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 6.16 Oxidation/Reduction Potential (MV): 105.2 Temp (deg C): 21.6 pH (SU): 7.91 Turbidity (NTU): 0.64 Specific Conductance (μS/cm): 155.1
k	Description of sample methods	Attachment 5 Pages 31-32
l	Chain-of-Custody	Attachment 5 Pages 31-32
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 27-30, Table 3

R-1, November 13, 2025

a	Sample Date	11/13/2025
b	Sample Time	1141
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-1
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,871.56
g	Total depth of the well (ft below ground surface (bgs))	1,080.10
h	Total volume of water in the monitoring well prior to sample collection (gal)	44.8
i	Total volume of water purged prior to sample collection (gal)	244.7
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 6.19 Oxidation/Reduction Potential (MV): 191.5 Temp (deg C): 21.7 pH (SU): 7.76 Turbidity (NTU): 0.35 Specific Conductance (µS/cm): 139.4
k	Description of sample methods	Attachment 5 Page 33
l	Chain-of-Custody	Attachment 5 Page 33
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 27-30, Table 3

R-1, December 6, 2025

a	Sample Date	12/6/2025
b	Sample Time	1330
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-1
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,871.92
g	Total depth of the well (ft below ground surface (bgs))	1,080.10
h	Total volume of water in the monitoring well prior to sample collection (gal)	45.64
i	Total volume of water purged prior to sample collection (gal)	224.9
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 6.04 Oxidation/Reduction Potential (MV): 91.1 Temp (deg C): 20.3 pH (SU): 7.8 Turbidity (NTU): 0.74 Specific Conductance (μ S/cm): 142.6
k	Description of sample methods	Attachment 5 Page 34
l	Chain-of-Custody	Attachment 5 Page 34
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 27-30, Table 3

Table 3. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-1 In 2025, Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377562	R-1	11/13/2025	107-13-1	Acrolein	1.67	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	1.67	0.0415
CAMO-26-377562	R-1	11/13/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	1.67	0.523
CAMO-25-365820	R-1	05/01/2025	309-00-2	Aldrin	0.00665	ug/L	U	N	UF	2025-663	REG	SW-846-8081B	0.00665	0.00198
CAMO-25-362303	R-1	05/01/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N38-2025-1680	REG	SW-846-6020B	19.3	5.000
CAMO-25-362303	R-1	05/01/2025	AL	Aluminum	19.3	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	19.3	5.000
CAMO-25-362305	R-1	05/01/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N38-2025-1680	FD	SW-846-6020B	19.3	5.000
CAMO-25-362306	R-1	05/01/2025	AL	Aluminum	19.3	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	19.3	5.000
CAMO-26-377562	R-1	11/13/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N38-2026-529	REG	SW-846-6020B	19.3	5.000
CAMO-26-377562	R-1	11/13/2025	AL	Aluminum	19.3	ug/L	U	N	F	N38-2026-529	REG	SW-846-6020B	19.3	5.000
CAMO-26-377562	R-1	11/13/2025	120-12-7	Anthracene	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	0.309	17.20
CAMO-25-362304	R-1	05/01/2025	S8	Antimony	1	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	1	6
CAMO-25-362306	R-1	05/01/2025	S8	Antimony	1	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	1	6
CAMO-26-377563	R-1	11/13/2025	S8	Antimony	1	ug/L	U	N	F	N38-2026-529	REG	SW-846-6020B	1	6
CAMO-26-377562	R-1	11/13/2025	12674-11-2	Aroclor-1016	0.035	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8082A	0.035	0.5
CAMO-26-377562	R-1	11/13/2025	11104-28-2	Aroclor-1231	0.035	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8082A	0.035	0.5
CAMO-26-377562	R-1	11/13/2025	11141-16-5	Aroclor-1232	0.035	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8082A	0.035	0.5
CAMO-26-377562	R-1	11/13/2025	53469-21-9	Aroclor-1242	0.035	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8082A	0.035	0.5
CAMO-26-377562	R-1	11/13/2025	12627-29-6	Aroclor-1248	0.035	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8082A	0.035	0.5
CAMO-26-377562	R-1	11/13/2025	11097-69-1	Aroclor-1254	0.035	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8082A	0.035	0.5
CAMO-26-377562	R-1	11/13/2025	11096-82-5	Aroclor-1260	0.035	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8082A	0.035	0.5
CAMO-25-362304	R-1	05/01/2025	AS	Arsenic	2	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	2	10
CAMO-25-362306	R-1	05/01/2025	AS	Arsenic	2	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	2	10
CAMO-26-377563	R-1	11/13/2025	AS	Arsenic	2	ug/L	U	N	UF	N38-2026-529	REG	SW-846-6020B	2	10
CAMO-26-377562	R-1	11/13/2025	1912-24-9	Azobenzene	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	3.09	3
CAMO-26-377562	R-1	11/13/2025	105-33-3	Barium	13.5	ug/L	U	N	UF	N38-2026-529	REG	SW-846-6010D	1	2.000
CAMO-25-362304	R-1	05/01/2025	BA	Barium	13	ug/L	NQ	Y	F	N38-2025-1680	FD	SW-846-6010D	1	2.000
CAMO-25-362306	R-1	05/01/2025	BA	Barium	13.5	ug/L	NQ	Y	F	N38-2026-529	REG	SW-846-6010D	1	2.000
CAMO-26-377563	R-1	11/13/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	5
CAMO-26-377562	R-1	11/13/2025	92-87-5	Benzidine	4.02	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	4.02	0.00109
CAMO-26-377562	R-1	11/13/2025	50-32-8	Benz(a)pyrene	0.0309	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E SIM	0.0309	0.2
CAMO-26-377562	R-1	11/13/2025	50-32-8	Benz(b)fluoranthene	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	0.309	0.2
CAMO-26-377562	R-1	11/13/2025	205-99-2	Benzok(h)fluoranthene	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	0.309	0.343
CAMO-26-377562	R-1	11/13/2025	207-08-9	Benzol(k)fluoranthene	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	0.309	3.43
CAMO-25-362304	R-1	05/01/2025	BE	Beryllium	0.2	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	0.2	4
CAMO-25-362306	R-1	05/01/2025	BE	Beryllium	0.2	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	0.2	4
CAMO-26-377563	R-1	11/13/2025	BE	Beryllium	0.2	ug/L	U	N	F	N38-2026-529	REG	SW-846-6020B	0.2	4
CAMO-25-365820	R-1	05/01/2025	318-84-6	BHC(alpha)-1	0.00665	ug/L	U	N	UF	2025-663	REG	SW-846-8081B	0.00665	0.0093
CAMO-25-365820	R-1	05/01/2025	318-85-7	BHC(beta)-1	0.00665	ug/L	U	N	UF	2025-663	REG	SW-846-8081B	0.00665	0.415
CAMO-25-365820	R-1	05/01/2025	58-89-9	BHC(gamma)-1	0.00665	ug/L	U	N	UF	2025-663	REG	SW-846-8081B	0.00665	0.415
CAMO-26-377562	R-1	11/13/2025	111-44-4	BHQ2-chloroxythylalther	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	3.09	0.137
CAMO-26-377562	R-1	11/13/2025	117-81-7	BHQ2-ethylhexylphthalate	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	0.309	55.6
CAMO-25-362304	R-1	05/01/2025	B	Boron	15	ug/L	U	N	F	N38-2026-529	REG	SW-846-6010D	15	760
CAMO-25-362306	R-1	05/01/2025	B	Boron	15	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6010D	15	760
CAMO-26-377563	R-1	11/13/2025	B	Boron	15	ug/L	U	N	F	N38-2026-529	REG	SW-846-6010D	15	760
CAMO-26-377562	R-1	11/13/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	1.34
CAMO-26-377562	R-1	11/13/2025	75-25-2	Bromofom	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	32.9
CAMO-26-377562	R-1	11/13/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.337	7.54
CAMO-25-362304	R-1	05/01/2025	CD	Cadmium	0.3	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	0.3	5
CAMO-25-362306	R-1	05/01/2025	CD	Cadmium	0.3	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	0.3	5
CAMO-26-377563	R-1	11/13/2025	CD	Cadmium	0.3	ug/L	U	N	F	N38-2026-529	REG	SW-846-6020B	0.3	5
CAMO-26-377562	R-1	11/13/2025	56-23-5	Carbon Tetrachloride	0.33	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260B	0.33	6
CAMO-25-365820	R-1	05/01/2025	57-74-9	Chloroacetaldehyde(gamma)	0.0765	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260B	0.0765	0.488
CAMO-25-362304	R-1	05/01/2025	Cl(-1)	Chloride	1.96	mg/L	U	N	F	N38-2025-1680	REG	SW-846-9056A	0.067	250
CAMO-25-362306	R-1	05/01/2025	Cl(-1)	Chloride	1.96	mg/L	U	N	F	N38-2025-1680	FD	SW-846-9056A	0.067	250
CAMO-26-377563	R-1	11/13/2025	Cl(-1)	Chloride	1.91	mg/L	NQ	Y	F	N38-2026-529	REG	SW-846-9056A	0.067	250
CAMO-26-377562	R-1	11/13/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	77.6
CAMO-26-377562	R-1	11/13/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	100
CAMO-26-377562	R-1	11/13/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	20.3
CAMO-25-362304	R-1	05/01/2025	CR	Chromium	6.24	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	3	50
CAMO-25-362306	R-1	05/01/2025	CR	Chromium	6.14	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	3	50
CAMO-26-377563	R-1	11/13/2025	CR	Chromium	5.84	ug/L	U	N	F	N38-2026-529	REG	SW-846-6020B	3	50
CAMO-25-362304	R-1	05/01/2025	CO	Cobalt	0.3	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	0.3	50
CAMO-25-362306	R-1	05/01/2025	CO	Cobalt	0.3	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	0.3	50
CAMO-26-377563	R-1	11/13/2025	CO	Cobalt	0.3	ug/L	U	N	F	N38-2026-529	REG	SW-846-6020B	0.3	50
CAMO-25-362304	R-1	05/01/2025	CU	Copper	1.24	ug/L	U	N	F	N38-2025-1680	REG	SW-846-6020B	0.3	1.000
CAMO-25-362306	R-1	05/01/2025	CU	Copper	1.28	ug/L	U	N	F	N38-2025-1680	FD	SW-846-6020B	0.3	1.000
CAMO-26-377563	R-1	11/13/2025	CU	Copper	1.2	ug/L	U	N	UF	N38-2026-529	REG	SW-846-6020B	0.3	1.000
CAMO-25-362303	R-1	05/01/2025	CU	Copper	1.2	ug/L	U	N	UF	N38-2025-1680	REG	SW-846-6020B	0.3	1.000
CAMO-25-362305	R-1	05/01/2025	CU	Copper	0.00167	mg/L	U	N	UF	N38-2025-1680	REG	SW-846-5012B	0.00167	200
CAMO-26-377562	R-1	11/13/2025	CU	Cyante (Total)	0.00167	mg/L	U	N	UF	N38-2025-1680	FD	SW-846-5012B	0.00167	200
CAMO-25-365820	R-1	05/01/2025	50-29-2	DDE(1,4,4')-1	0.01	ug/L	U	N	UF	2025-663	REG	SW-846-8081B	0.01	2.29
CAMO-26-377562	R-1	11/13/2025	84-74-3	D-n-butylphthalate	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	0.309	885
CAMO-26-377562	R-1	11/13/2025	106-93-4	Dichlorobenzene(1,2)	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	0.05
CAMO-26-377562	R-1	11/13/2025	95-50-1	Dichlorobenzene(1,2)	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	600
CAMO-26-377562	R-1	11/13/2025	95-50-1	Dichlorobenzene(1,2)	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8270E	3.09	75
CAMO-26-377562	R-1	11/13/2025	106-46-7	Dichlorobenzene(1,4)	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846-8260D	0.333	75

Table 3. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-1 In 2025, Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377562	R-1	11/13/2025	106-46-7	Dichlorobenzene[1,4-]	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	75
CAMO-26-377562	R-1	11/13/2025	91-94-1	Dichlorobenzene[1,3-]	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	1.25
CAMO-26-377562	R-1	11/13/2025	75-71-8	Dichlorofluoromethane	0.355	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.355	197
CAMO-26-377562	R-1	11/13/2025	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	26
CAMO-26-377562	R-1	11/13/2025	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	5
CAMO-26-377562	R-1	11/13/2025	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	7
CAMO-26-377562	R-1	11/13/2025	156-59-2	Dichloroethene[1,2-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	70
CAMO-26-377562	R-1	11/13/2025	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	100
CAMO-26-377562	R-1	11/13/2025	120-83-2	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.333	45.3
CAMO-26-377562	R-1	11/13/2025	78-87-5	Dichloroethene[1,4-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	5
CAMO-26-377562	R-1	11/13/2025	10061-01-5	Dichloropropene[1,1-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	4.7
CAMO-26-377562	R-1	11/13/2025	10061-02-6	Dichloropropene[trans-1,3-]	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	4.7
CAMO-26-377562	R-1	05/01/2025	60-57-1	Dieldrin	0.01	ug/L	U	N	UF	2025-663	REG	SW-846.8081B	0.01	0.0175
CAMO-26-377562	R-1	11/13/2025	84-66-2	Diethylphthalate	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	0.09
CAMO-26-377562	R-1	11/13/2025	131-11-3	Dimethyl Phthalate	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	0.09
CAMO-26-377562	R-1	11/13/2025	534-52-1	Dimethylphenol[4,6-]	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	612
CAMO-26-377562	R-1	11/13/2025	51-28-5	Dinitrobenzene[2,4-]	5.16	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	5.16	38.7
CAMO-26-377562	R-1	11/13/2025	121-14-2	Dinitrobenzene[2,4-]	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	2.37
CAMO-26-377562	R-1	11/13/2025	121-14-2	Dinitrobenzene[2,4-]	0.0252	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8231B	0.0252	2.37
CAMO-26-377562	R-1	11/13/2025	606-30-2	Dinitrobenzene[2,6-]	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	0.485
CAMO-26-377562	R-1	11/13/2025	606-30-2	Dinitrobenzene[2,6-]	0.0503	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.0503	0.485
CAMO-26-377562	R-1	11/13/2025	123-91-1	Dioxane[1,4-]	0.04	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E, SW	0.04	4.39
CAMO-26-377562	R-1	11/13/2025	122-39-4	Diphenylamine	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	122
CAMO-25-365820	R-1	05/01/2025	959-98-8	Endosulfan I	0.0065	ug/L	U	N	UF	2025-663	REG	SW-846.8081B	0.0065	98.7
CAMO-25-365820	R-1	05/01/2025	3213-65-9	Endosulfan II	0.01	ug/L	U	N	UF	2025-663	REG	SW-846.8081B	0.01	98.7
CAMO-25-365820	R-1	05/01/2025	72-20-8	Endrin	0.01	ug/L	U	N	UF	2025-663	REG	SW-846.8081B	0.01	2.23
CAMO-26-377562	R-1	11/13/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	700
CAMO-26-377562	R-1	11/13/2025	206-44-0	Fluoranthene	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	802
CAMO-26-377562	R-1	11/13/2025	86-73-7	Fluorene	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	288
CAMO-25-362304	R-1	05/01/2025	FI-1)	Fluoride	0.114	mg/L	NQ	Y	F	N38-2025-1680	REG	SW-846.9056A	0.033	1.6
CAMO-26-377563	R-1	11/13/2025	FI-1)	Fluoride	0.111	mg/L	NQ	Y	F	N38-2025-1680	FD	SW-846.9056A	0.033	1.6
CAMO-26-377563	R-1	11/13/2025	FI-1)	Fluoride	0.146	mg/L	NQ	Y	F	N38-2026-529	REG	SW-846.9056A	0.033	1.6
CAMO-25-365820	R-1	05/01/2025	76-44-8	Heptachlor	0.0065	ug/L	U	N	UF	2025-663	REG	SW-846.8081B	0.0065	0.0221
CAMO-26-377562	R-1	11/13/2025	118-74-1	Hexachlorobenzene	0.00645	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8081B	0.00645	0.0976
CAMO-26-377562	R-1	11/13/2025	118-74-1	Hexachlorobenzene	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	0.0976
CAMO-26-377562	R-1	11/13/2025	87-68-3	Hexachlorobutadiene	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	1.39
CAMO-26-377562	R-1	11/13/2025	87-68-3	Hexachlorobutadiene	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	1.39
CAMO-26-377562	R-1	11/13/2025	77-47-4	Heptachlorocyclopentadiene	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	0.411
CAMO-26-377562	R-1	11/13/2025	67-72-1	Hexachloroethane	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	3.28
CAMO-25-362304	R-1	05/01/2025	2691-41-0	HMX	0.32	ug/L	U	N	UF	2025-663	REG	SW-846.8330B	0.32	1.000
CAMO-25-362304	R-1	05/01/2025	FE	Iron	30	ug/L	U	N	F	N38-2025-1680	REG	SW-846.6010D	30	1.000
CAMO-26-377563	R-1	05/01/2025	FE	Iron	30	ug/L	U	N	F	N38-2026-529	FD	SW-846.6010D	30	1.000
CAMO-26-377563	R-1	11/13/2025	FE	Iron	30	ug/L	U	N	F	N38-2026-529	REG	SW-846.6010D	30	1.000
CAMO-26-377562	R-1	11/13/2025	78-59-1	Isoophorone	3.61	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.61	781
CAMO-25-362304	R-1	05/01/2025	P8	Lead	0.5	ug/L	U	N	F	N38-2025-1680	REG	SW-846.6020B	0.5	15
CAMO-25-362306	R-1	05/01/2025	P8	Lead	0.5	ug/L	U	N	F	N38-2025-1680	FD	SW-846.6020B	0.5	15
CAMO-26-377563	R-1	11/13/2025	P8	Lead	0.5	ug/L	U	N	F	N38-2026-529	REG	SW-846.6020B	0.5	15
CAMO-25-362304	R-1	05/01/2025	MN	Manganese	2	ug/L	U	N	F	N38-2025-1680	REG	SW-846.6010D	2	200
CAMO-25-362306	R-1	05/01/2025	MN	Manganese	2	ug/L	U	N	F	N38-2026-529	FD	SW-846.6010D	2	200
CAMO-26-377563	R-1	11/13/2025	MN	Manganese	2	ug/L	U	N	F	N38-2026-529	REG	SW-846.6010D	2	200
CAMO-25-362303	R-1	05/01/2025	HG	Mercury	0.067	ug/L	U	N	UF	N38-2025-1680	REG	SW-846.7270A	0.067	2
CAMO-26-377562	R-1	05/01/2025	HG	Mercury	0.057	ug/L	U	N	F	N38-2026-529	REG	SW-846.7270A	0.067	2
CAMO-25-362305	R-1	05/01/2025	HG	Mercury	0.057	ug/L	U	N	UF	N38-2025-1680	FD	SW-846.7270A	0.067	2
CAMO-25-362306	R-1	05/01/2025	HG	Mercury	0.057	ug/L	U	N	F	N38-2026-529	FD	SW-846.7270A	0.067	2
CAMO-26-377562	R-1	11/13/2025	HG	Mercury	0.007	ug/L	U	N	UF	N38-2025-1680	REG	SW-846.7270A	0.067	2
CAMO-26-377562	R-1	11/13/2025	HG	Mercury	0.007	ug/L	U	N	UF	N38-2026-529	REG	SW-846.7270A	0.067	2
CAMO-26-377562	R-1	11/13/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	100
CAMO-26-377562	R-1	11/13/2025	75-09-2	Methylene Chloride	0.51	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.5	5
CAMO-26-377562	R-1	11/13/2025	90-12-0	Methylnaphthalene[1-]	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.309	30
CAMO-26-377562	R-1	11/13/2025	91-57-6	Methylnaphthalene[2-]	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	30
CAMO-25-362304	R-1	05/01/2025	MO	Molybdenum	1.05	ug/L	NQ	Y	F	N38-2025-1680	REG	SW-846.6020B	0.2	1.000
CAMO-25-362306	R-1	05/01/2025	MO	Molybdenum	0.997	ug/L	Y	Y	F	N38-2025-1680	FD	SW-846.6020B	0.2	1.000
CAMO-26-377562	R-1	11/13/2025	MO	Molybdenum	1.08	ug/L	NQ	Y	F	N38-2026-529	REG	SW-846.6020B	0.2	1.000
CAMO-26-377563	R-1	11/13/2025	91-20-3	Naphthalene	0.309	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.309	30
CAMO-26-377562	R-1	11/13/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8260D	0.333	30
CAMO-25-362304	R-1	05/01/2025	NI	Nickel	1.69	ug/L	U	Y	F	N38-2025-1680	REG	SW-846.6020B	0.6	200
CAMO-25-362306	R-1	05/01/2025	NI	Nickel	1.65	ug/L	U	Y	F	N38-2026-529	FD	SW-846.6020B	0.6	200
CAMO-26-377563	R-1	11/13/2025	NI	Nickel	1.51	ug/L	U	Y	F	N38-2026-529	REG	SW-846.6020B	0.6	200
CAMO-25-362304	R-1	05/01/2025	NO3+N	Nitrate-Nitrite as Nitrogen	0.349	mg/L	NQ	Y	F	N38-2025-1680	REG	EPA 353.2	0.017	10
CAMO-25-362306	R-1	05/01/2025	NO3+N	Nitrate-Nitrite as Nitrogen	0.354	mg/L	NQ	Y	F	N38-2025-1680	FD	EPA 353.2	0.017	10
CAMO-26-377563	R-1	11/13/2025	NO3+N	Nitrate-Nitrite as Nitrogen	2.25	mg/L	R	Y	F	N38-2026-529	REG	EPA 353.2	8.5	10
CAMO-26-380256	R-1	12/06/2025	NO3+N	Nitrate-Nitrite as Nitrogen	0.343	mg/L	NQ	Y	F	N38-2026-529	REG	EPA 353.2	0.017	10
CAMO-25-365819	R-1	05/01/2025	NO2-N	Nitrite as Nitrogen	0.033	mg/L	U	N	UF	2025-663	REG	EPA 300.0	0.033	1
CAMO-26-377562	R-1	11/13/2025	98-95-3	Nitrobenzene	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	1.4
CAMO-26-377562	R-1	11/13/2025	98-95-3	Nitrobenzene	0.0252	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	0.0252	1.4
CAMO-26-377562	R-1	11/13/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	0.0273
CAMO-26-377562	R-1	11/13/2025	55-18-5	Nitrosodiphenylamine[N-]	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	0.00167
CAMO-26-377562	R-1	11/13/2025	62-75-9	Nitrosodimethylamine[N-]	3.09	ug/L	U	N	UF	N38-2026-529	REG	SW-846.8270E	3.09	0.00491

Table 3. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-1 In 2025, Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-377562	R-1	11/13/2025	930-55-2	Nitrosopyrrolidine[N...]	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	0.37
CAMO-26-377562	R-1	11/13/2025	108-60-1	Oxybis[1-chloropropane][2,2'-]	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	9.81
CAMO-26-377562	R-1	11/13/2025	608-93-5	Pentachlorobenzene	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	3.07
CAMO-26-377562	R-1	11/13/2025	87-86-5	Pentachlorophenol	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	1
CAMO-26-362304	R-1	05/01/2025	ClO4	Perchlorate	0.338	ug/L	NQ	Y	F	N3B-2025-1680	REG	SW-846.6850	0.05	13.8
CAMO-26-362306	R-1	05/01/2025	ClO4	Perchlorate	0.329	ug/L	NQ	Y	F	N3B-2025-1680	FD	SW-846.6850	0.05	13.8
CAMO-26-377563	R-1	11/13/2025	ClO4	Perchlorate	0.371	ug/L	NQ	Y	F	N3B-2026-529	REG	SW-846.6850	0.05	13.8
CAMO-26-377568	R-1	11/13/2025	355-46-4	Perfluorohexanesulfonic acid	0.555	ug/L	U	N	UF	N3B-2026-529	REG	EPA1633A	0.555	401
CAMO-26-377568	R-1	11/13/2025	1763-23-1	Perfluorooctanesulfonic acid	0.563	ug/L	U	N	UF	N3B-2026-529	REG	EPA1633A	0.563	60.2
CAMO-26-377568	R-1	05/01/2025	335-67-1	Perfluorooctanoic acid	0.607	ug/L	U	N	UF	N3B-2026-529	REG	EPA1633A	0.607	60.2
CAMO-26-377568	R-1	11/13/2025	pH	pH	7.9	SU								6-9
CAMO-26-377568	R-1	11/13/2025	pH	pH	7.8	SU								6-9
CAMO-26-377562	R-1	12/08/2025	pH	pH	7.8	SU								6-9
CAMO-26-377562	R-1	11/13/2025	85-01-8	Phenanthrene	0.309	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	0.309	170
CAMO-26-377562	R-1	11/13/2025	108-95-2	Phenol	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	5
CAMO-26-377562	R-1	11/13/2025	1610-18-0	Pyromet	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	250
CAMO-26-377562	R-1	11/13/2025	129-00-0	Pyrene	0.309	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	0.309	117
CAMO-26-377562	R-1	11/13/2025	R4-236-228	Radium-226 and Radium-228	0.566	PC/L	U	N	UF	N3B-2026-529	REG	Generic Radium by Calculation		5
CAMO-26-365520	R-1	05/01/2025	121-82-4	RDX	0.32	ug/L	U	N	UF	2025-663	REG	SW-846.8302B	0.32	9.66
CAMO-26-362303	R-1	05/01/2025	SE	Selenium	1.5	ug/L	U	N	UF	N3B-2025-1680	REG	SW-846.6020B	1.5	50
CAMO-26-362304	R-1	05/01/2025	SE	Selenium	1.5	ug/L	U	N	F	N3B-2025-1680	REG	SW-846.6020B	1.5	50
CAMO-26-362305	R-1	05/01/2025	SE	Selenium	1.5	ug/L	U	N	UF	N3B-2025-1680	FD	SW-846.6020B	1.5	50
CAMO-26-362306	R-1	05/01/2025	SE	Selenium	1.5	ug/L	U	N	F	N3B-2025-1680	FD	SW-846.6020B	1.5	50
CAMO-26-377562	R-1	11/13/2025	SE	Selenium	1.5	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.6020B	1.5	50
CAMO-26-377563	R-1	11/13/2025	SE	Selenium	1.5	ug/L	U	N	F	N3B-2026-529	REG	SW-846.6020B	1.5	50
CAMO-26-362304	R-1	05/01/2025	AG	Silver	0.3	ug/L	U	N	F	N3B-2025-1680	REG	SW-846.6020B	0.3	50
CAMO-26-362306	R-1	05/01/2025	AG	Silver	0.3	ug/L	U	N	F	N3B-2025-1680	FD	SW-846.6020B	0.3	50
CAMO-26-377563	R-1	11/13/2025	AG	Silver	0.3	ug/L	U	N	F	N3B-2026-529	REG	SW-846.6020B	0.3	50
CAMO-26-377562	R-1	11/13/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	100
CAMO-26-362304	R-1	05/01/2025	5041(2)	Sulfate	2.23	mg/L	NQ	Y	F	N3B-2025-1680	REG	SW-846.9056A	0.133	600
CAMO-26-362306	R-1	05/01/2025	5041(2)	Sulfate	2.24	mg/L	NQ	Y	F	N3B-2025-1680	FD	SW-846.9056A	0.133	600
CAMO-26-377563	R-1	11/13/2025	5041(2)	Sulfate	2.2	mg/L	NQ	Y	F	N3B-2026-529	REG	SW-846.9056A	0.133	600
CAMO-26-377562	R-1	11/13/2025	126-33-0	Sulfone	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	20
CAMO-26-377562	R-1	11/13/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	1.66
CAMO-26-377562	R-1	11/13/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	10
CAMO-26-377562	R-1	11/13/2025	127-18-4	Tetrafluoroethene	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	5
CAMO-26-362304	R-1	05/01/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2025-1680	REG	SW-846.6020B	0.6	2
CAMO-26-362306	R-1	05/01/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2025-1680	FD	SW-846.6020B	0.6	2
CAMO-26-377563	R-1	11/13/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2026-529	REG	SW-846.6020B	0.6	2
CAMO-26-377562	R-1	11/13/2025	108-88-3	Toluene	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	1000
CAMO-26-362304	R-1	05/01/2025	TD5	Total Dissolved Solids	134	mg/L	NQ	Y	F	N3B-2025-1680	REG	EPA1601	2.38	1000
CAMO-26-362306	R-1	05/01/2025	TD5	Total Dissolved Solids	127	mg/L	NQ	Y	F	N3B-2025-1680	FD	EPA1601	2.38	1000
CAMO-26-377563	R-1	11/13/2025	TD5	Total Dissolved Solids	137	mg/L	J	Y	F	N3B-2026-529	REG	EPA1601	2.38	1000
CAMO-26-362303	R-1	05/01/2025	TKN	Total Kjeldahl Nitrogen	0.086	mg/L	U	N	UF	N3B-2025-1680	REG	EPA351.2	0.033	-
CAMO-26-362305	R-1	05/01/2025	TKN	Total Kjeldahl Nitrogen	0.071	mg/L	U	N	UF	N3B-2025-1680	FD	EPA351.2	0.033	-
CAMO-26-377562	R-1	11/13/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	R	N	UF	N3B-2026-529	REG	EPA351.2	0.033	-
CAMO-26-362305	R-1	12/08/2025	TKN	Total Kjeldahl Nitrogen	0.066	mg/L	U	N	UF	N3B-2026-686	REG	EPA351.2	0.033	-
CAMO-26-365820	R-1	05/01/2025	8001-35-2	Tosaphene (Technical Grade)	0.15	ug/L	U	N	UF	2025-663	REG	SW-846.8081B	0.15	0.158
CAMO-26-377562	R-1	11/13/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	70
CAMO-26-377562	R-1	11/13/2025	72-55-6	Trichlorobenzene[1,1,1-]	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	70
CAMO-26-377562	R-1	11/13/2025	76-00-5	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	0.2
CAMO-26-377562	R-1	11/13/2025	76-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	6
CAMO-26-377562	R-1	11/13/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	6
CAMO-26-377562	R-1	11/13/2025	95-93-4	Trichlorophenol[2,4,5-]	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	1,140
CAMO-26-377562	R-1	11/13/2025	88-06-2	Trichlorophenol[2,4,6-]	3.09	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8270E	3.09	1,170
CAMO-26-365820	R-1	05/01/2025	118-96-7	Trinitrochlorobenzene[2,4,6-]	0.32	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8330B	0.32	11.9
CAMO-26-362304	R-1	05/01/2025	U	Uranium	0.747	ug/L	NQ	Y	F	2025-663	REG	SW-846.6020B	0.067	9.8
CAMO-26-362306	R-1	05/01/2025	U	Uranium	0.754	ug/L	NQ	Y	F	N3B-2025-1680	REG	SW-846.6020B	0.067	30
CAMO-26-377563	R-1	05/01/2025	U	Uranium	0.807	ug/L	NQ	Y	F	N3B-2025-1680	FD	SW-846.6020B	0.067	30
CAMO-26-377562	R-1	11/13/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	2
CAMO-26-377562	R-1	11/13/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.333	193
CAMO-26-377562	R-1	05/01/2025	XTLENETM+P	Xylene[1,3+Xylene[1,4-]	0.5	ug/L	U	N	UF	N3B-2026-529	REG	SW-846.8260D	0.5	386
CAMO-26-362304	R-1	05/01/2025	ZN	Zinc	5.36	ug/L	J	Y	F	N3B-2025-1680	REG	SW-846.8260D	3.3	10,000
CAMO-26-362306	R-1	05/01/2025	ZN	Zinc	8	ug/L	J	Y	F	N3B-2025-1680	FD	SW-846.6010D	3.3	10,000
CAMO-26-377563	R-1	11/13/2025	ZN	Zinc	3.3	ug/L	U	N	F	N3B-2026-529	REG	SW-846.6010D	3.3	10,000

Notes:

¹ug/L - micrograms per liter

mg/L - milligrams per liter

ng/L - nanograms per liter

SU - standard units

PC/L - picocuries per liter

²U - The analyte is classified as not detected

NQ - No validation qualifier flag is associated with this result, and the analyte is classified as detected

Y - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual with a potential positive bias

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

U - The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual

R - The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.



Table 3. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-1 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ³	Validation Qualifier ²	Detected ²	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
³ N - In the Detected column means the analyte was not detected Y - In the Detected column means the analyte was detected ⁴ UF - In the Field Preparation Code column means the sample was not filtered F - In the Field Preparation Code column means the sample was filtered ⁵ REG - In the Sample Purpose column means the sample was a regular sample PD - In the Sample Purpose column means the sample was a field duplicate ⁶ There is not a Report Detection Limit for Radium-226 and Radium-228 since this result is calculated ⁷ Groundwater Limit represents standards for groundwater as identified in 20.6.2.3103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit Groundwater Limit for diphenylhydrazine reported as a benzene, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit Groundwater Limit for N-nitrosodiphenylamine reported as diphenylamine, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit Groundwater Limit for combined Endosulfan I and Endosulfan II is 98.7 µg/L, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit Total Kjeldahl Nitrogen does not contain either a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1, Tap Water Limit Groundwater Limit for combined Naphthalene plus monomethylnaphthalenes is 30 µg/L, which represents the NMAC 20.6.2.3103 Groundwater Standard														

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Inc., Charleston, SC

COC/Lab Request #: 2025-663
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[illegible]

Relinquished by: Denise Salazar	Print Name: Denise Salazar	Date/Time: 5/25/00	Received by: Mary Mahan	Print Name: Mary Mahan	Date/Time: 5/25/00
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:

[illegible]

[illegible]

[illegible]

R-14 Screen 1, April 30, 2025

a	Sample Date	4/30/2025
b	Sample Time	1840
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-14 Screen 1
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,872.34
g	Total depth of the well (ft below ground surface (bgs))	1,244.7
h	Total volume of water in the monitoring well prior to sample collection (gal)	52.16
i	Total volume of water purged prior to sample collection (gal)	208.64
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 4.52 Oxidation/Reduction Potential (MV): 69.7 Temp (deg C): 22.4 pH (SU): 7.8 Turbidity (NTU): 0.57 Specific Conductance (µS/cm): 124.1
k	Description of sample methods	Attachment 5 Pages 41-42
l	Chain-of-Custody	Attachment 5 Pages 41-42
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 37-40, Table 4

R-14 Screen 1, November 13, 2025

a	Sample Date	11/13/2025
b	Sample Time	1109
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-14 Screen 1
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,872.14
g	Total depth of the well (ft below ground surface (bgs))	1,244.7
h	Total volume of water in the monitoring well prior to sample collection (gal)	55.76
i	Total volume of water purged prior to sample collection (gal)	202.13
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 4.67 Oxidation/Reduction Potential (MV): 7.8 Temp (deg C): 23 pH (SU): 7.8 Turbidity (NTU): 1.65 Specific Conductance (µS/cm): 126.1
k	Description of sample methods	Attachment 5 Page 43
l	Chain-of-Custody	Attachment 5 Page 43
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 37-40, Table 4

Table 4. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-14 Screen 1 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378072	R-14 S1	11/13/2025	107-02-8	Acrolein	1.67	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	1.67	0.0415
CAMO-26-378072	R-14 S1	11/13/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	1.67	0.523
CAMO-25-365822	R-14 S1	04/30/2025	309-00-2	Aldrin	0.00665	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.00665	0.00198
CAMO-26-378072	R-14 S1	11/13/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:6020B	19.3	5.000
CAMO-26-378073	R-14 S1	11/13/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	19.3	5.000
CAMO-26-378072	R-14 S1	11/13/2025	120-12-7	Anthracene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	1.720
CAMO-26-378073	R-14 S1	11/13/2025	SB	Antimony	1	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	1	6
CAMO-26-378072	R-14 S1	11/13/2025	12674-11-2	Aroclor-1016	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378072	R-14 S1	11/13/2025	11104-28-2	Aroclor-1221	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378072	R-14 S1	11/13/2025	11141-16-5	Aroclor-1232	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378072	R-14 S1	11/13/2025	53469-21-9	Aroclor-1242	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378072	R-14 S1	11/13/2025	12672-29-6	Aroclor-1248	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378072	R-14 S1	11/13/2025	11097-69-1	Aroclor-1254	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378072	R-14 S1	11/13/2025	11096-82-5	Aroclor-1260	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378072	R-14 S1	11/13/2025	37324-23-5	Aroclor-1262	0.0353	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8082A	0.0353	0.5
CAMO-26-378073	R-14 S1	11/13/2025	AS	Arsenic	2	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	2	10
CAMO-26-378072	R-14 S1	11/13/2025	1912-24-9	Atrazine	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	3
CAMO-26-378072	R-14 S1	11/13/2025	103-33-3	Azobenzene	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.78
CAMO-26-378073	R-14 S1	11/13/2025	BA	Barium	23.2	ug/L	NQ	Y	F	N3B-2026-527	REG	SW-846:6010D	1	2.000
CAMO-26-378072	R-14 S1	11/13/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	5
CAMO-26-378072	R-14 S1	11/13/2025	92-87-5	Benzidine	3.9	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3.9	0.00109
CAMO-26-378072	R-14 S1	11/13/2025	50-32-8	Benzol(a)pyrene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E_SIM	0.3	0.2
CAMO-26-378072	R-14 S1	11/13/2025	50-32-8	Benzol(a)pyrene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	0.2
CAMO-26-378072	R-14 S1	11/13/2025	205-99-2	Benzol(b)fluoranthene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	0.343
CAMO-26-378072	R-14 S1	11/13/2025	207-08-9	Benzol(k)fluoranthene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	3.43
CAMO-26-378073	R-14 S1	11/13/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	0.2	4
CAMO-25-365822	R-14 S1	04/30/2025	319-84-6	BHC[alpha-]	0.00665	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.00665	0.0693
CAMO-25-365822	R-14 S1	04/30/2025	319-85-7	BHC[beta-]	0.00665	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.00665	0.243
CAMO-25-365822	R-14 S1	04/30/2025	58-89-9	BHC[gamma-]	0.00665	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.00665	0.415
CAMO-26-378072	R-14 S1	11/13/2025	111-44-4	Bis(2-chloroethyl)ether	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.137
CAMO-26-378072	R-14 S1	11/13/2025	117-81-7	Bis(2-ethylhexyl)phthalate	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	55.6
CAMO-26-378073	R-14 S1	11/13/2025	B	Boron	21.8	ug/L	J	Y	F	N3B-2026-527	REG	SW-846:6010D	15	750
CAMO-26-378072	R-14 S1	11/13/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	1.34
CAMO-26-378072	R-14 S1	11/13/2025	75-25-2	Bromoform	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	32.9
CAMO-26-378072	R-14 S1	11/13/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.337	7.54
CAMO-26-378073	R-14 S1	11/13/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	0.3	5
CAMO-26-378072	R-14 S1	11/13/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	5
CAMO-25-365822	R-14 S1	04/30/2025	57-74-9	Chlordane(alpha/gamma)	0.0765	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.0765	0.448
CAMO-26-378073	R-14 S1	11/13/2025	CL(-1)	Chloride	1.67	mg/L	NQ	Y	F	N3B-2026-527	REG	SW-846:9056A	0.067	250
CAMO-26-378072	R-14 S1	11/13/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	77.6
CAMO-26-378072	R-14 S1	11/13/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	100
CAMO-26-378072	R-14 S1	11/13/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	20.3
CAMO-26-378073	R-14 S1	11/13/2025	CR	Chromium	5.32	ug/L	J	Y	F	N3B-2026-527	REG	SW-846:6020B	3	50
CAMO-26-378073	R-14 S1	11/13/2025	CO	Cobalt	0.3	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	0.3	50
CAMO-26-378073	R-14 S1	11/13/2025	CU	Copper	0.502	ug/L	J	Y	F	N3B-2026-527	REG	SW-846:6020B	0.3	1.000
CAMO-26-378072	R-14 S1	11/13/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2026-527	REG	SW-846:9012B	0.00167	200
CAMO-25-365822	R-14 S1	04/30/2025	50-29-3	DDT[4,4']	0.01	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.01	2.29
CAMO-26-378072	R-14 S1	11/13/2025	84-74-2	Di-n-butylphthalate	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	885
CAMO-26-378072	R-14 S1	11/13/2025	106-93-4	Dibromoethane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	0.05
CAMO-26-378072	R-14 S1	11/13/2025	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	600
CAMO-26-378072	R-14 S1	11/13/2025	95-50-1	Dichlorobenzene[1,2-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	600
CAMO-26-378072	R-14 S1	11/13/2025	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	75
CAMO-26-378072	R-14 S1	11/13/2025	106-46-7	Dichlorobenzene[1,4-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	75
CAMO-26-378072	R-14 S1	11/13/2025	91-94-1	Dichlorobenzidine[3,3']	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	1.25
CAMO-26-378072	R-14 S1	11/13/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.355	197
CAMO-26-378072	R-14 S1	11/13/2025	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	25
CAMO-26-378072	R-14 S1	11/13/2025	156-59-2	Dichloroethene[cis-1,2-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	70

Table 4. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-14 Screen 1 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378072	R-14 S1	11/13/2025	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	100
CAMO-26-378072	R-14 S1	11/13/2025	120-83-2	Dichlorophenol[2,4-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	45.3
CAMO-26-378072	R-14 S1	11/13/2025	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	5
CAMO-26-378072	R-14 S1	11/13/2025	10061-01-5	Dichloropropene[cis-1,3-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	4.7
CAMO-26-378072	R-14 S1	11/13/2025	10061-02-6	Dichloropropene[trans-1,3-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	4.7
CAMO-25-365822	R-14 S1	04/30/2025	60-57-1	Dieldrin	0.01	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.01	0.0175
CAMO-26-378072	R-14 S1	11/13/2025	84-66-2	Diethylphthalate	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	14,800
CAMO-26-378072	R-14 S1	11/13/2025	131-11-3	Dimethyl Phthalate	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	612
CAMO-26-378072	R-14 S1	11/13/2025	534-52-1	Dinitro-2-methylphenol[4,6-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	1.52
CAMO-26-378072	R-14 S1	11/13/2025	51-28-5	Dinitrophenol[2,4-]	5	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	5	38.7
CAMO-26-378072	R-14 S1	11/13/2025	121-14-2	Dinitrotoluene[2,4-]	0.0852	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8330B	0.0852	2.37
CAMO-26-378072	R-14 S1	11/13/2025	121-14-2	Dinitrotoluene[2,4-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	2.37
CAMO-26-378072	R-14 S1	11/13/2025	606-20-2	Dinitrotoluene[2,6-]	0.0852	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8330B	0.0852	0.485
CAMO-26-378072	R-14 S1	11/13/2025	606-20-2	Dinitrotoluene[2,6-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.485
CAMO-25-362771	R-14 S1	04/30/2025	123-91-1	Dioxane[1,4-]	0.04	ug/L	UJ	N	UF	N3B-2025-1671	REG	SW-846:8270E_SIM	0.04	4.59
CAMO-25-362771	R-14 S1	04/30/2025	123-91-1	Dioxane[1,4-]	0.04	ug/L	UJ	N	UF	N3B-2025-1671	REG	SW-846:8270E_SIM	0.04	4.59
CAMO-26-378072	R-14 S1	11/13/2025	122-39-4	Diphenylamine	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	122
CAMO-25-365822	R-14 S1	04/30/2025	959-98-8	Endosulfan I	0.00665	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.00665	98.7
CAMO-25-365822	R-14 S1	04/30/2025	33213-65-9	Endosulfan II	0.01	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.01	98.7
CAMO-25-365822	R-14 S1	04/30/2025	772-20-8	Endrin	0.01	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.01	2.23
CAMO-26-378072	R-14 S1	11/13/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	700
CAMO-26-378072	R-14 S1	11/13/2025	206-44-0	Fluoranthene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	802
CAMO-26-378072	R-14 S1	11/13/2025	86-73-7	Fluorene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	288
CAMO-26-378073	R-14 S1	11/13/2025	F(-1)	Fluoride	0.16	mg/L	NQ	Y	F	N3B-2026-527	REG	SW-846:9056A	0.033	1.6
CAMO-25-365822	R-14 S1	04/30/2025	76-44-8	Heptachlor	0.00665	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.00665	0.0221
CAMO-26-378072	R-14 S1	11/13/2025	118-74-1	Hexachlorobenzene	0.00676	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8081B	0.00676	0.0976
CAMO-26-378072	R-14 S1	11/13/2025	118-74-1	Hexachlorobenzene	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.0976
CAMO-26-378072	R-14 S1	11/13/2025	87-68-3	Hexachlorobutadiene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	1.39
CAMO-26-378072	R-14 S1	11/13/2025	87-68-3	Hexachlorobutadiene	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	1.39
CAMO-26-378072	R-14 S1	11/13/2025	77-47-4	Hexachlorocyclopentadiene	3	ug/L	UJ	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.411
CAMO-26-378072	R-14 S1	11/13/2025	67-72-1	Hexachloroethane	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	3.28
CAMO-26-378072	R-14 S1	11/13/2025	2691-41-0	HMX	0.0852	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8330B	0.0852	1,000
CAMO-26-378073	R-14 S1	11/13/2025	FE	Iron	30	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6010D	30	1,000
CAMO-26-378072	R-14 S1	11/13/2025	78-59-1	Isophorone	3.5	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3.5	781
CAMO-26-378073	R-14 S1	11/13/2025	PB	Lead	0.5	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	0.5	15
CAMO-26-378073	R-14 S1	11/13/2025	MN	Manganese	2	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6010D	2	200
CAMO-26-378072	R-14 S1	11/13/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:7470A	0.067	2
CAMO-26-378073	R-14 S1	11/13/2025	HG	Mercury	0.067	ug/L	U	N	F	N3B-2026-527	REG	SW-846:7470A	0.067	2
CAMO-26-378072	R-14 S1	11/13/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	100
CAMO-26-378072	R-14 S1	11/13/2025	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.5	5
CAMO-26-378072	R-14 S1	11/13/2025	90-12-0	Methylnaphthalene[1-]	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	30
CAMO-26-378072	R-14 S1	11/13/2025	91-57-6	Methylnaphthalene[2-]	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	30
CAMO-26-378073	R-14 S1	11/13/2025	MO	Molybdenum	1.38	ug/L	NQ	Y	F	N3B-2026-527	REG	SW-846:6020B	0.2	1,000
CAMO-26-378072	R-14 S1	11/13/2025	91-20-3	Naphthalene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	30
CAMO-26-378072	R-14 S1	11/13/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	30
CAMO-26-378073	R-14 S1	11/13/2025	NI	Nickel	0.857	ug/L	J	Y	F	N3B-2026-527	REG	SW-846:6020B	0.6	200
CAMO-26-378073	R-14 S1	11/13/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	2.56	mg/L	R	Y	F	N3B-2026-527	REG	EPA:353.2	0.0850	10
CAMO-25-365821	R-14 S1	04/30/2025	NO2-N	Nitrite as Nitrogen	0.033	mg/L	UJ	N	F	2025-646	REG	EPA:300.0	0.0330	1
CAMO-26-378072	R-14 S1	11/13/2025	98-95-3	Nitrobenzene	0.0852	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8330B	0.0852	1.4
CAMO-26-378072	R-14 S1	11/13/2025	98-95-3	Nitrobenzene	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	1.4
CAMO-26-378072	R-14 S1	11/13/2025	924-16-3	Nitroso-d-n-butylamine[N-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.0273
CAMO-26-378072	R-14 S1	11/13/2025	55-18-5	Nitrosodiethylamine[N-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.00167
CAMO-26-378072	R-14 S1	11/13/2025	62-75-9	Nitrosodimethylamine[N-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.00491
CAMO-26-378072	R-14 S1	11/13/2025	930-55-2	Nitrosopyrrolidine[N-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	0.37
CAMO-26-378072	R-14 S1	11/13/2025	108-60-1	Oxybis(1-chloropropane)[2,2-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	9.81
CAMO-26-378072	R-14 S1	11/13/2025	608-93-5	Pentachlorobenzene	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	3.07

Table 4. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-14 Screen 1 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378072	R-14 S1	11/13/2025	87-86-5	Pentachlorophenol	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	1
CAMO-26-378073	R-14 S1	11/13/2025	ClO4	Perchlorate	0.352	ug/L	NQ	Y	F	N3B-2026-527	REG	SW-846:6850	0.0500	13.8
CAMO-26-378075	R-14 S1	11/13/2025	355-46-4	Perfluorohexanesulfonic acid	0.574	ng/L	U	N	UF	N3B-2026-527	REG	EPA:1633A	0.574	401
CAMO-26-378075	R-14 S1	11/13/2025	1763-23-1	Perfluorooctanesulfonic acid	0.582	ng/L	U	N	UF	N3B-2026-527	REG	EPA:1633A	0.582	60.2
CAMO-26-378075	R-14 S1	11/13/2025	335-67-1	Perfluorooctanoic acid	0.628	ng/L	U	N	UF	N3B-2026-527	REG	EPA:1633A	0.628	60.2
	R-14 S1	04/30/2025	pH	pH	7.8	SU								6-9
	R-14 S1	11/13/2025	pH	pH	7.8	SU								6-9
CAMO-26-378072	R-14 S1	11/13/2025	85-01-8	Phenanthrene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	170
CAMO-26-378072	R-14 S1	11/13/2025	108-95-2	Phenol	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	5
CAMO-26-378072	R-14 S1	11/13/2025	1610-18-0	Prometon	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	250
CAMO-26-378072	R-14 S1	11/13/2025	129-00-0	Pyrene	0.3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	0.3	117
CAMO-26-378072	R-14 S1	11/13/2025	RA-226+228	Radium-226 and Radium-228	0.804	pCi/L	UJ	N	UF	N3B-2026-527	REG	Generic:Radium by Calculation	-	5
CAMO-26-378072	R-14 S1	11/13/2025	121-82-4	RDX	0.0852	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8330B	0.0852	9.66
CAMO-26-378072	R-14 S1	11/13/2025	SE	Selenium	1.5	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:6020B	1.5	50
CAMO-26-378073	R-14 S1	11/13/2025	SE	Selenium	1.5	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	1.5	50
CAMO-26-378073	R-14 S1	11/13/2025	AG	Silver	0.3	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	0.3	50
CAMO-26-378072	R-14 S1	11/13/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	100
CAMO-26-378073	R-14 S1	11/13/2025	504(-2)	Sulfate	1.83	mg/L	NQ	Y	F	N3B-2026-527	REG	SW-846:9056A	0.133	600
CAMO-26-378072	R-14 S1	11/13/2025	126-33-0	Sulfolane	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	20
CAMO-26-378072	R-14 S1	11/13/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	1.66
CAMO-26-378072	R-14 S1	11/13/2025	79-34-5	Tetrachloroethane[1,1,2,2]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	10
CAMO-26-378072	R-14 S1	11/13/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	5
CAMO-26-378073	R-14 S1	11/13/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6020B	0.6	2
CAMO-26-378072	R-14 S1	11/13/2025	108-88-3	Toluene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	1,000
CAMO-26-378073	R-14 S1	11/13/2025	TDS	Total Dissolved Solids	137	mg/L	J	Y	F	N3B-2026-527	REG	EPA:160.1	2.38	1,000
CAMO-26-378072	R-14 S1	11/13/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	R	N	UF	N3B-2026-527	REG	EPA:351.2	0.033	-
CAMO-25-365822	R-14 S1	04/30/2025	8001-35-2	Toxaphene (Technical Grade)	0.15	ug/L	U	N	UF	2025-646	REG	SW-846:8081B	0.15	0.158
CAMO-26-378072	R-14 S1	11/13/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	70
CAMO-26-378072	R-14 S1	11/13/2025	120-82-1	Trichlorobenzene[1,2,4-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	70
CAMO-26-378072	R-14 S1	11/13/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	0.2
CAMO-26-378072	R-14 S1	11/13/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	5
CAMO-26-378072	R-14 S1	11/13/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	5
CAMO-26-378072	R-14 S1	11/13/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	1,140
CAMO-26-378072	R-14 S1	11/13/2025	95-95-4	Trichlorophenol[2,4,5-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	1,170
CAMO-26-378072	R-14 S1	11/13/2025	88-06-2	Trichlorophenol[2,4,6-]	3	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8270E	3	11.9
CAMO-26-378072	R-14 S1	11/13/2025	118-96-7	Trinitrotoluene[2,4,6-]	0.0852	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8330B	0.0852	9.8
CAMO-26-378073	R-14 S1	11/13/2025	U	Uranium	0.733	ug/L	NQ	Y	F	N3B-2026-527	REG	SW-846:6020B	0.0670	30
CAMO-26-378072	R-14 S1	11/13/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	2
CAMO-26-378072	R-14 S1	11/13/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.333	193
CAMO-26-378072	R-14 S1	11/13/2025	XYLENE[M+P]	Xylene[1,3-+Xylene[1,4-]	0.5	ug/L	U	N	UF	N3B-2026-527	REG	SW-846:8260D	0.5	386
CAMO-26-378073	R-14 S1	11/13/2025	ZN	Zinc	3.3	ug/L	U	N	F	N3B-2026-527	REG	SW-846:6010D	3.3	10,000

Notes:

¹ug/L - micrograms per liter
mg/L - milligrams per liter
ng/L - nanograms per liter
SU - standard units

²U - The analyte is classified as not detected

NQ - No validation qualifier flag is associated with this result, and the analyte is classified as detected

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

UJ - The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual with a potential negative bias

R - The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.

³N - In the Detected column means the analyte was not detected

Y - In the Detected column means the analyte was detected

⁴UF - In the Field Preparation Code column means the sample was not filtered

Table 4. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-14 Screen 1 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ₃	Field Preparation Code ⁴	COC #	Sample Purpose ₅	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
F - In the Field Preparation Code column means the sample was filtered														
⁵ REG - In the Sample Purpose column means the sample was a regular sample														
⁶ There is not a Report Detection Limit for Radium-226 and Radium-228 since this result is calculated														
⁷ Groundwater Limit represents standards for groundwater as identified in 20.6.2.3103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit														
Groundwater Limit for diphenylhydrazine reported as azobenzene, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit														
Groundwater Limit for N-nitrosodiphenylamine reported as diphenylamine, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit														
Groundwater Limit for combined Endosulfan I and Endosulfan II is 98.7 µg/L, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit														
Total Kjeldahl Nitrogen does not contain either a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1, Tap Water Limit														
Groundwater Limit for combined Naphthalene plus monomethylnaphthalenes is 30 µg/L, which represents the NMAC 20.6.2.3103 Groundwater Standard														

[illegible]

General Engineering Laboratories,
Inc., Charleston, SC.

Charleston SC

Chain of Custody/Analysis Request

COC/Lab Request #: 2025-646

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[illegible]

Relinquished by: <i>Denise Sabara</i>	Print Name: <i>Denise Sabara</i>	Date/Time: <i>4/30/25</i>	Received by:	Print Name:	Date/Time:
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:

EPC-DO: 25-384

R-46, May 12, 2025

a	Sample Date	5/12/2025
b	Sample Time	0922
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-46
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,877.91
g	Total depth of the well (ft below ground surface (bgs))	1,382.2
h	Total volume of water in the monitoring well prior to sample collection (gal)	57.24
i	Total volume of water purged prior to sample collection (gal)	295.74
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 5.65 Oxidation/Reduction Potential (MV): 81.4 Temp (deg C): 21.7 pH (SU): 7.1 Turbidity (NTU): 0.57 Specific Conductance (μ S/cm): 118.4
k	Description of sample methods	Attachment 5 Pages 49-50
l	Chain-of-Custody	Attachment 5 Pages 49-50
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Page 46-48, Table 5

R-46, November 13, 2025

a	Sample Date	11/13/2025
b	Sample Time	0925
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-46
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,877.71
g	Total depth of the well (ft below ground surface (bgs))	1,382.2
h	Total volume of water in the monitoring well prior to sample collection (gal)	57.33
i	Total volume of water purged prior to sample collection (gal)	277.83
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 5.4 Oxidation/Reduction Potential (MV): 10.9 Temp (deg C): 21.2 pH (SU): 6.8 Turbidity (NTU): 0.6 Specific Conductance (μS/cm): 121.5
k	Description of sample methods	Attachment 5 Page 51
l	Chain-of-Custody	Attachment 5 Page 51
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Page 51, Table 5

Table 5. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-46 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378083	R-46	11/13/2025	107-02-8	Acrolein	1.67	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	1.67	0.0415
CAMO-26-378083	R-46	11/13/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	1.67	0.523
CAMO-25-365824	R-46	05/12/2025	309-00-2	Aldrin	0.00665	ug/L	U	N	UF	2025-692	REG	SW-846-80818	0.00665	0.00198
CAMO-26-378083	R-46	11/13/2025	AL	Aluminum	19.3	ug/L	U	N	UF	N38-2026-527	REG	SW-846-60208	19.3	5.000
CAMO-26-378084	R-46	11/13/2025	AL	Aluminum	19.3	ug/L	U	N	F	N38-2026-527	REG	SW-846-60208	19.3	5.000
CAMO-26-378083	R-46	11/13/2025	120-12-7	Anthracene	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	1.720
CAMO-26-378084	R-46	11/13/2025	58	Antimony	1	ug/L	U	N	F	N38-2026-527	REG	SW-846-60208	1	6
CAMO-26-378083	R-46	11/13/2025	12674-11-2	Aroclor-1016	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378083	R-46	11/13/2025	11104-28-2	Aroclor-1221	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378083	R-46	11/13/2025	11141-16-5	Aroclor-1232	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378083	R-46	11/13/2025	53469-21-9	Aroclor-1242	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378083	R-46	11/13/2025	12672-29-6	Aroclor-1248	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378083	R-46	11/13/2025	11097-69-1	Aroclor-1254	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378083	R-46	11/13/2025	11096-82-5	Aroclor-1260	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378083	R-46	11/13/2025	37324-23-5	Aroclor-1262	0.0353	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378084	R-46	11/13/2025	AS	Arsenic	2	ug/L	U	N	F	N38-2026-527	REG	SW-846-60208	2	10
CAMO-26-378083	R-46	11/13/2025	1912-24-9	Atrazine	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	3
CAMO-26-378083	R-46	11/13/2025	103-33-3	Azobenzene	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.78
CAMO-26-378084	R-46	11/13/2025	BA	Barium	23.9	ug/L	NQ	Y	F	N38-2026-527	REG	SW-846-60100	1	2,000
CAMO-26-378083	R-46	11/13/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	5
CAMO-26-378083	R-46	11/13/2025	92-87-2	Benzidine	3.95	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.95	0.00109
CAMO-26-378083	R-46	11/13/2025	50-32-8	Benzof(a)pyrene	0.0304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E SIM	0.0304	0.2
CAMO-26-378083	R-46	11/13/2025	50-32-8	Benzof(a)pyrene	0.0304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.0304	0.2
CAMO-26-378083	R-46	11/13/2025	205-99-2	Benzof(b)fluoranthene	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	0.343
CAMO-26-378083	R-46	11/13/2025	207-08-9	Benzof(k)fluoranthene	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	0.343
CAMO-26-378084	R-46	11/13/2025	BE	Beryllium	0.2	ug/L	U	N	F	N38-2026-527	REG	SW-846-60208	0.2	4
CAMO-25-365824	R-46	05/12/2025	319-84-6	BHC[alpha-]	0.00665	ug/L	U	N	UF	2025-692	REG	SW-846-80818	0.00665	0.0693
CAMO-25-365824	R-46	05/12/2025	319-85-7	BHC[beta-]	0.00665	ug/L	U	N	UF	2025-692	REG	SW-846-80818	0.00665	0.243
CAMO-25-365824	R-46	05/12/2025	58-89-9	BHC[gamma-]	0.00665	ug/L	U	N	UF	2025-692	REG	SW-846-80818	0.00665	0.415
CAMO-26-378083	R-46	11/13/2025	111-44-4	Bis(2-chloroethyl)ether	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.137
CAMO-26-378083	R-46	11/13/2025	117-81-7	Bis(2-ethylhexyl)phthalate	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	55.6
CAMO-26-378084	R-46	11/13/2025	B	Boron	15	ug/L	U	N	F	N38-2026-527	REG	SW-846-60100	15	750
CAMO-26-378083	R-46	11/13/2025	75-22-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	1.34
CAMO-26-378083	R-46	11/13/2025	75-25-2	Bromofom	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	32.9
CAMO-26-378083	R-46	11/13/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.337	7.54
CAMO-26-378084	R-46	11/13/2025	CD	Cadmium	0.3	ug/L	U	N	F	N38-2026-527	REG	SW-846-60208	0.3	5
CAMO-26-378083	R-46	11/13/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	5
CAMO-25-365824	R-46	05/12/2025	57-74-9	Chlordane(alpha/gamma)	0.0765	ug/L	U	N	UF	2025-692	REG	SW-846-80818	0.0765	0.448
CAMO-26-378084	R-46	11/13/2025	Cl(-1)	Chloride	1.75	mg/L	NQ	Y	F	N38-2026-527	REG	SW-846-9056A	0.067	250
CAMO-26-378083	R-46	11/13/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	77.6
CAMO-26-378083	R-46	11/13/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	100
CAMO-26-378083	R-46	11/13/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	20.3
CAMO-26-378084	R-46	11/13/2025	CR	Chromium	4.23	ug/L	J	Y	F	N38-2026-527	REG	SW-846-60208	3	50
CAMO-26-378084	R-46	11/13/2025	CO	Cobalt	0.3	ug/L	U	N	F	N38-2026-527	REG	SW-846-60208	0.3	50
CAMO-26-378084	R-46	11/13/2025	CU	Copper	1.37	ug/L	J	Y	F	N38-2026-527	REG	SW-846-60208	0.3	1,000
CAMO-26-378083	R-46	11/13/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N38-2026-527	REG	SW-846-90128	0.00167	200
CAMO-25-365824	R-46	05/12/2025	50-29-3	DDT[4,4']	0.01	ug/L	U	N	UF	2025-692	REG	SW-846-80818	0.01	2.29
CAMO-26-378083	R-46	11/13/2025	84-74-2	Di-n-butylphthalate	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	885
CAMO-26-378083	R-46	11/13/2025	106-93-4	Dibromoethane[1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	0.05
CAMO-26-378083	R-46	11/13/2025	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	600
CAMO-26-378083	R-46	11/13/2025	95-50-1	Dichlorobenzene[1,2-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	600
CAMO-26-378083	R-46	11/13/2025	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	75
CAMO-26-378083	R-46	11/13/2025	106-46-7	Dichlorobenzene[1,4-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	75
CAMO-26-378083	R-46	11/13/2025	91-94-1	Dichlorobenzidine[3,3']	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	1.25
CAMO-26-378083	R-46	11/13/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.355	187
CAMO-26-378083	R-46	11/13/2025	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	25
CAMO-26-378083	R-46	11/13/2025	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	5
CAMO-26-378083	R-46	11/13/2025	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	7
CAMO-26-378083	R-46	11/13/2025	156-59-2	Dichloroethene[1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	70
CAMO-26-378083	R-46	11/13/2025	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	100
CAMO-26-378083	R-46	11/13/2025	120-83-2	Dichlorophenol[2,4-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	45.3
CAMO-26-378083	R-46	11/13/2025	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	5
CAMO-26-378083	R-46	11/13/2025	10061-01-5	Dichloropropene[1,3-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	4.7
CAMO-26-378083	R-46	11/13/2025	10061-02-6	Dichloropropene[trans-1,3-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-82600	0.333	4.7
CAMO-25-365824	R-46	05/12/2025	60-57-1	Dieldrin	0.01	ug/L	U	N	UF	2025-692	REG	SW-846-80818	0.01	0.0175
CAMO-26-378083	R-46	11/13/2025	84-66-2	Diethylphthalate	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	14.800
CAMO-26-378083	R-46	11/13/2025	131-11-3	Dimethyl Phthalate	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	612
CAMO-26-378083	R-46	11/13/2025	534-52-1	Dimtro-2-methylphenol[4,6-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	1.52
CAMO-26-378083	R-46	11/13/2025	51-28-5	Dinitrophenol[2,4-]	5.07	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	5.07	38.7
CAMO-26-378083	R-46	11/13/2025	121-14-2	Dinitrotoluene[2,4-]	0.0809	ug/L	U	N	UF	N38-2026-527	REG	SW-846-83308	0.0809	2.37
CAMO-26-378083	R-46	11/13/2025	121-14-2	Dinitrotoluene[2,4-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	2.37

Table 5. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-46 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378083	R-46	11/13/2025	606-20-2	Dinitrotoluene[2,6-]	0.0809	ug/L	U	N	UF	N38-2026-527	REG	SW-846-83308	0.0809	0.485
CAMO-26-378083	R-46	11/13/2025	606-20-2	Dinitrotoluene[2,6-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E_SIM	3.04	0.485
CAMO-25-362772	R-46	05/12/2025	123-91-1	Dioxane[1,4-]	0.04	ug/L	U	N	UF	N38-2025-1828	REG	SW-846-8270E_SIM	0.04	4.59
CAMO-26-378083	R-46	11/13/2025	123-91-1	Dioxane[1,4-]	0.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E_SIM	0.04	4.59
CAMO-26-378083	R-46	11/13/2025	122-39-4	Diphenylamine	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	122
CAMO-25-365824	R-46	05/12/2025	959-98-8	Endosulfan I	0.00665	ug/L	U	N	UF	2025-692	REG	SW-846-8081B	0.00665	98.7
CAMO-25-365824	R-46	05/12/2025	33213-65-9	Endosulfan II	0.01	ug/L	U	N	UF	2025-692	REG	SW-846-8081B	0.01	98.7
CAMO-25-365824	R-46	05/12/2025	72-20-8	Erdrin	0.01	ug/L	U	N	UF	2025-692	REG	SW-846-8081B	0.01	2.23
CAMO-26-378083	R-46	11/13/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	700
CAMO-26-378083	R-46	11/13/2025	206-44-0	Fluoranthene	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	802
CAMO-26-378083	R-46	11/13/2025	86-73-7	Fluorene	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	288
CAMO-26-378084	R-46	11/13/2025	F(-1)	Fluoride	0.129	mg/L	NQ	Y	F	N38-2026-527	REG	SW-846-9056A	0.0330	1.6
CAMO-25-365824	R-46	05/12/2025	76-44-8	Heptachlor	0.00665	ug/L	U	N	UF	2025-692	REG	SW-846-8081B	0.00665	0.0221
CAMO-26-378083	R-46	11/13/2025	118-74-1	Hexachlorobenzene	0.00649	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8081B	0.00649	0.0976
CAMO-26-378083	R-46	11/13/2025	118-74-1	Hexachlorobenzene	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.0976
CAMO-26-378083	R-46	11/13/2025	87-68-3	Hexachlorobutadiene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	1.39
CAMO-26-378083	R-46	11/13/2025	87-68-3	Hexachlorobutadiene	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	1.39
CAMO-26-378083	R-46	11/13/2025	77-47-4	Hexachlorocyclopentadiene	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.4111
CAMO-26-378083	R-46	11/13/2025	67-72-1	Heachloroethane	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	3.28
CAMO-26-378083	R-46	11/13/2025	2691-41-0	HMX	0.0809	ug/L	U	N	UF	N38-2026-527	REG	SW-846-83308	0.0809	1.000
CAMO-26-378084	R-46	11/13/2025	FE	Iron	30	ug/L	U	N	F	N38-2026-527	REG	SW-846-6010D	30	1.000
CAMO-26-378083	R-46	11/13/2025	78-59-1	Isophorone	3.55	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.55	781
CAMO-26-378084	R-46	11/13/2025	PB	Lead	0.5	ug/L	U	N	F	N38-2026-527	REG	SW-846-6020B	0.5	15
CAMO-26-378084	R-46	11/13/2025	MN	Manganese	3.59	ug/L	J	Y	F	N38-2026-527	REG	SW-846-6010D	2	200
CAMO-26-378083	R-46	11/13/2025	HG	Mercury	0.067	ug/L	U	N	UF	N38-2026-527	REG	SW-846-7470A	0.067	2
CAMO-26-378084	R-46	11/13/2025	HG	Mercury	0.067	ug/L	U	N	F	N38-2026-527	REG	SW-846-7470A	0.067	2
CAMO-26-378083	R-46	11/13/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	100
CAMO-26-378083	R-46	11/13/2025	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.5	5
CAMO-26-378083	R-46	11/13/2025	90-12-0	Methylnaphthalene[1-]	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	30
CAMO-26-378083	R-46	11/13/2025	91-57-6	Methylnaphthalene[2-]	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	30
CAMO-26-378084	R-46	11/13/2025	MO	Molybdenum	1.05	ug/L	NQ	Y	F	N38-2026-527	REG	SW-846-6020B	0.2	1.000
CAMO-26-378083	R-46	11/13/2025	91-20-3	Naphthalene	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	30
CAMO-26-378083	R-46	11/13/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	30
CAMO-26-378084	R-46	11/13/2025	NI	Nickel	1.09	ug/L	J	Y	F	N38-2026-527	REG	SW-846-6020B	0.6	200
CAMO-26-378084	R-46	11/13/2025	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	15.2	mg/L	R	Y	F	N38-2026-527	REG	EPA-353.2	0.85	10
CAMO-25-365823	R-46	05/12/2025	NO2-N	Nitrite as Nitrogen	0.033	mg/L	U	N	F	2025-691	REG	EPA-300.0	0.0330	1
CAMO-26-378083	R-46	11/13/2025	98-95-3	Nitrobenzene	0.0809	ug/L	U	N	UF	N38-2026-527	REG	SW-846-83308	0.0809	1.4
CAMO-26-378083	R-46	11/13/2025	98-95-3	Nitrobenzene	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	1.4
CAMO-26-378083	R-46	11/13/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.0273
CAMO-26-378083	R-46	11/13/2025	55-18-5	Nitrosodimethylamine[N-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.00167
CAMO-26-378083	R-46	11/13/2025	62-75-9	Nitrosodimethylamine[N-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.00491
CAMO-26-378083	R-46	11/13/2025	930-55-2	Nitrosopyrrolidine[N-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	0.37
CAMO-26-378083	R-46	11/13/2025	108-60-1	Oxyl(1-chloropropane)[2,2-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	9.81
CAMO-26-378083	R-46	11/13/2025	608-90-5	Pentachlorobenzene	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	3.07
CAMO-26-378083	R-46	11/13/2025	87-86-5	Pentachlorophenol	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	1
CAMO-26-378084	R-46	11/13/2025	CL04	Perchlorate	0.34	ug/L	NQ	Y	F	N38-2026-527	REG	SW-846-6850	0.05	401
CAMO-26-378086	R-46	11/13/2025	355-46-4	Perfluorohexanesulfonic acid	0.555	ng/L	U	N	UF	N38-2026-527	REG	EPA-1633A	0.555	60.2
CAMO-26-378086	R-46	11/13/2025	1763-23-1	Perfluorooctanesulfonic acid	0.564	ng/L	U	N	UF	N38-2026-527	REG	EPA-1633A	0.564	60.2
CAMO-26-378086	R-46	11/13/2025	335-67-1	Perfluorooctanoic acid	0.607	ng/L	U	N	UF	N38-2026-527	REG	EPA-1633A	0.607	60.2
CAMO-26-378086	R-46	05/12/2025	pH	pH	7.12	SU	U	N	UF	N38-2026-527	REG	EPA-1633A	0.607	6-9
CAMO-26-378083	R-46	11/13/2025	pH	pH	6.78	SU	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	6-9
CAMO-26-378083	R-46	11/13/2025	85-01-8	Phenanthrene	0.304	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	170
CAMO-26-378083	R-46	11/13/2025	108-95-2	Phenol	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	5
CAMO-26-378083	R-46	11/13/2025	1610-18-0	Prometon	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	250
CAMO-26-378083	R-46	11/13/2025	129-00-0	Pyrene	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	0.304	117
CAMO-26-378083	R-46	11/13/2025	RA-226+228	Radium-226 and Radium-228	0.689	pg/L	U	N	UF	N38-2026-527	REG	Generic:Radium by Calculation	-	5
CAMO-26-378083	R-46	11/13/2025	121-82-4	RDX	0.0809	ug/L	U	N	UF	N38-2026-527	REG	SW-846-83308	0.0809	9.66
CAMO-26-378083	R-46	11/13/2025	SE	Selenium	1.5	ug/L	U	N	UF	N38-2026-527	REG	SW-846-6020B	1.5	50
CAMO-26-378084	R-46	11/13/2025	SE	Selenium	1.5	ug/L	U	N	F	N38-2026-527	REG	SW-846-6020B	1.5	50
CAMO-26-378084	R-46	11/13/2025	AG	Silver	0.3	ug/L	U	N	F	N38-2026-527	REG	SW-846-6020B	0.300	50
CAMO-26-378083	R-46	11/13/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	100
CAMO-26-378084	R-46	11/13/2025	SO4(-2)	Sulfate	1.76	mg/L	NQ	Y	F	N38-2026-527	REG	SW-846-9056A	0.133	600
CAMO-26-378083	R-46	11/13/2025	126-33-0	Sulfolane	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	20
CAMO-26-378083	R-46	11/13/2025	95-94-3	Tetrachlorobenzene[L2,4,5]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	1.66
CAMO-26-378083	R-46	11/13/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	10
CAMO-26-378083	R-46	11/13/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	5
CAMO-26-378084	R-46	11/13/2025	TL	Thallium	0.6	ug/L	U	N	F	N38-2026-527	REG	SW-846-6020B	0.6	2
CAMO-26-378083	R-46	11/13/2025	108-88-3	Toluene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-6020B	0.333	1,000
CAMO-26-378084	R-46	11/13/2025	TDS	Total Dissolved Solids	96	mg/L	U	Y	F	N38-2026-527	REG	SW-846-8260D	2.38	1,000
CAMO-26-378083	R-46	11/13/2025	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	R	N	UF	N38-2026-527	REG	EPA-160.1	0.033	-
CAMO-25-365824	R-46	05/12/2025	8001-35-2	Toxaphene (Technical Grade)	0.15	ug/L	U	N	UF	2025-692	REG	SW-846-8081B	0.15	0.158

Table 5. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-46 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378083	R-46	11/13/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	70
CAMO-26-378083	R-46	11/13/2025	120-82-1	Trichlorobenzene[1,2,4-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	70
CAMO-26-378083	R-46	11/13/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	0.2
CAMO-26-378083	R-46	11/13/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	5
CAMO-26-378083	R-46	11/13/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	5
CAMO-26-378083	R-46	11/13/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	1,140
CAMO-26-378083	R-46	11/13/2025	95-95-4	Trichlorophenol[2,4,5-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	1,170
CAMO-26-378083	R-46	11/13/2025	88-06-2	Trichlorophenol[2,4,6-]	3.04	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8270E	3.04	11.9
CAMO-26-378083	R-46	11/13/2025	118-96-7	Trinitrobenzene[2,4,6-]	0.0809	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8330B	0.0809	9.8
CAMO-26-378083	R-46	11/13/2025	U	Uranium	0.417	ug/L	NQ	Y	F	N38-2026-527	REG	SW-846-6020B	0.0670	30
CAMO-26-378083	R-46	11/13/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	2
CAMO-26-378083	R-46	11/13/2025	95-47-6	Xylenes[1,2-]	0.333	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.333	193
CAMO-26-378083	R-46	11/13/2025	XYLENE[M+P]	Xylene[1,3-H+Xylene[1,4-]	0.5	ug/L	U	N	UF	N38-2026-527	REG	SW-846-8260D	0.5	386
CAMO-26-378084	R-46	11/13/2025	ZN	Zinc	5.13	ug/L	J	Y	F	N38-2026-527	REG	SW-846-6010D	3.3	10,000

Notes:

¹ug/L - micrograms per liter
mg/L - milligrams per liter
ng/L - nanograms per liter
SU - standard units
pCi/L - picocuries per liter

²U - The analyte is classified as not detected

NO - No validation qualifier flag is associated with this result, and the analyte is classified as detected

J - The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

UJ - The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual

R - The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.

³N - In the Detected column means the analyte was not detected

Y - In the Detected column means the analyte was detected

⁴UF - In the Field Preparation Code column means the sample was not filtered

F - In the Field Preparation Code column means the sample was filtered

⁵REG - In the Sample Purpose column means the sample was a regular sample

⁶There is not a Report Detection Limit for Radium-226 and Radium-228 since this result is calculated

⁷Groundwater Limit represents standards for groundwater as identified in 20.6.2.3103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for diphenylhydrazine reported as azobenzene, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for N-nitrosodiphenylamine reported as diphenylamine, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for combined Endosulfan I and Endosulfan II is 98.7 ug/L, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Total Kjeldahl Nitrogen does not contain either a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for combined Naphthalene plus monomethylnaphthalenes is 30 ug/L, which represents the NMAC 20.6.2.3103 Groundwater Standard

General Engineering Laboratories,
Inc., Charleston, SC.

Charleston SC

Chain of Custody/Analysis Request

COC/Lab Request #.

2025-692

Page 1 of 1

[illegible]

Relinquished by: Denise Salazar	Print Name: Denise Salazar	Date/Time: 5/13/25	Received by:	Print Name:	Date/Time:
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:

[illegible]

R-60, December 8, 2025

a	Sample Date	12/8/2025
b	Sample Time	1353
c	Individuals collecting sample	N3B Staff
d	Monitoring well identification	R-60
e	Physical description of monitoring well location	See Location Map, Attachment 6
f	Ground-water surface elevation (ft above mean sea level (msl))	5,906.17
g	Total depth of the well (ft below ground surface (bgs))	1,360.9
h	Total volume of water in the monitoring well prior to sample collection (gal)	57
i	Total volume of water purged prior to sample collection (gal)	222
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 5.8 Oxidation/Reduction Potential (MV): 181.6 Temp (deg C): 20.6 pH (SU): 7.6 Turbidity (NTU): 20.4 Specific Conductance (μ S/cm): 125.8
k	Description of sample methods	Attachment 5 Page 58
l	Chain-of-Custody	Attachment 5 Page 58
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Pages 53-57, Table 6

Table 6. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-60 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378089	R-60	12/08/2025	107-02-8	Acrolein	1.67	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	1.67	0.0415
CAMO-26-378095	R-60	12/08/2025	107-02-8	Acrolein	1.67	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	1.67	0.0415
CAMO-26-378089	R-60	12/08/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	1.67	0.523
CAMO-26-378095	R-60	12/08/2025	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	1.67	0.523
CAMO-26-378089	R-60	12/08/2025	AL	Aluminum	127	ug/L	NQ	Y	UF	N3B-2026-697	REG	SW-846-6020B	19.3	5000
CAMO-26-378090	R-60	12/08/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2026-697	REG	SW-846-6020B	19.3	5000
CAMO-26-378095	R-60	12/08/2025	AL	Aluminum	108	ug/L	NQ	Y	UF	N3B-2026-697	FD	SW-846-6020B	19.3	5000
CAMO-26-378089	R-60	12/08/2025	AL	Aluminum	19.3	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6020B	19.3	5000
CAMO-26-378095	R-60	12/08/2025	120-12-7	Anthrachne	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	1.720
CAMO-26-378089	R-60	12/08/2025	120-12-7	Anthrachne	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.300	1.720
CAMO-26-378090	R-60	12/08/2025	SB	Anthimony	1.12	ug/L	J	Y	F	N3B-2026-697	REG	SW-846-6020B	1	6
CAMO-26-378095	R-60	12/08/2025	SB	Anthimony	1	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6020B	1	6
CAMO-26-378089	R-60	12/08/2025	12674-11-2	Acrolein-1016	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	12674-11-2	Acrolein-1016	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	11104-28-2	Acrolein-1221	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	11104-28-2	Acrolein-1221	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	11141-16-5	Acrolein-1232	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	11141-16-5	Acrolein-1232	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	53469-21-9	Acrolein-1242	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	53469-21-9	Acrolein-1242	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	12672-29-6	Acrolein-1248	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	12672-29-6	Acrolein-1248	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	11097-69-1	Acrolein-1254	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	11097-69-1	Acrolein-1254	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	11096-82-5	Acrolein-1260	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	11096-82-5	Acrolein-1260	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	37324-23-5	Acrolein-1262	0.0353	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8082A	0.0353	0.5
CAMO-26-378095	R-60	12/08/2025	37324-23-5	Acrolein-1262	0.0354	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8082A	0.0354	0.5
CAMO-26-378089	R-60	12/08/2025	AS	Arsenic	2	ug/L	U	N	F	N3B-2026-697	REG	SW-846-6020B	2	10
CAMO-26-378095	R-60	12/08/2025	AS	Arsenic	2	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6020B	2	10
CAMO-26-378089	R-60	12/08/2025	1912-24-9	Atrazine	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	3
CAMO-26-378095	R-60	12/08/2025	1912-24-9	Atrazine	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	3
CAMO-26-378089	R-60	12/08/2025	103-33-3	Azobenzene	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	0.78
CAMO-26-378095	R-60	12/08/2025	103-33-3	Azobenzene	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.78
CAMO-26-378090	R-60	12/08/2025	BA	Barium	27.8	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-6010D	1	2.000
CAMO-26-378096	R-60	12/08/2025	BA	Barium	27.1	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6010D	1	2.000
CAMO-26-378089	R-60	12/08/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	5
CAMO-26-378095	R-60	12/08/2025	71-43-2	Benzene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	5
CAMO-26-378089	R-60	12/08/2025	92-87-5	Benadline	4.08	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	4.08	0.00109
CAMO-26-378095	R-60	12/08/2025	92-87-5	Benadline	3.9	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3.9	0.00109
CAMO-26-378089	R-60	12/08/2025	50-32-8	Benadlpyrene	0.0314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E SIM	0.0314	0.2
CAMO-26-378095	R-60	12/08/2025	50-32-8	Benadlpyrene	0.0314	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E SIM	0.0314	0.2
CAMO-26-378089	R-60	12/08/2025	50-32-8	Benadlpyrene	0.03	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.03	0.2
CAMO-26-378095	R-60	12/08/2025	50-32-8	Benadlpyrene	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	0.2
CAMO-26-378089	R-60	12/08/2025	205-99-2	Benzo(b)fluoranthene	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	0.343
CAMO-26-378095	R-60	12/08/2025	205-99-2	Benzo(b)fluoranthene	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.300	0.343
CAMO-26-378089	R-60	12/08/2025	207-08-9	Benzo(k)fluoranthene	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	3.43
CAMO-26-378095	R-60	12/08/2025	207-08-9	Benzo(k)fluoranthene	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	3.43
CAMO-26-378090	R-60	12/08/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2026-697	REG	SW-846-6020B	0.2	4
CAMO-26-378095	R-60	12/08/2025	BE	Beryllium	0.2	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6020B	0.2	4
CAMO-26-378089	R-60	12/08/2025	111-44-4	Bis(2-chloroethyl)ether	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	0.137
CAMO-26-378095	R-60	12/08/2025	111-44-4	Bis(2-chloroethyl)ether	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.137
CAMO-26-378089	R-60	12/08/2025	117-81-7	Bis(2-chlorohexyl)phthalate	1.84	ug/L	NQ	Y	UF	N3B-2026-697	REG	SW-846-8270E	0.314	55.6
CAMO-26-378095	R-60	12/08/2025	117-81-7	Bis(2-chlorohexyl)phthalate	2.07	ug/L	NQ	Y	UF	N3B-2026-697	FD	SW-846-8270E	0.3	55.6
CAMO-26-378090	R-60	12/08/2025	B	Boron	15	ug/L	U	N	F	N3B-2026-697	REG	SW-846-0010D	15	760
CAMO-26-378096	R-60	12/08/2025	B	Boron	15	ug/L	U	N	F	N3B-2026-697	FD	SW-846-0010D	15	760
CAMO-26-378089	R-60	12/08/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	1.34
CAMO-26-378095	R-60	12/08/2025	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	1.34
CAMO-26-378089	R-60	12/08/2025	75-25-2	Bromoform	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	32.9
CAMO-26-378095	R-60	12/08/2025	75-25-2	Bromoform	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	32.9
CAMO-26-378089	R-60	12/08/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.337	7.54
CAMO-26-378095	R-60	12/08/2025	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.337	7.54
CAMO-26-378090	R-60	12/08/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2026-697	REG	SW-846-6020B	0.3	5
CAMO-26-378095	R-60	12/08/2025	CD	Cadmium	0.3	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6020B	0.3	5
CAMO-26-378089	R-60	12/08/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	5
CAMO-26-378095	R-60	12/08/2025	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	5
CAMO-26-378090	R-60	12/08/2025	Cl(1)	Chloride	1.85	mg/L	NQ	Y	F	N3B-2026-697	REG	SW-846-9056A	0.067	260
CAMO-26-378096	R-60	12/08/2025	Cl(1)	Chloride	1.85	mg/L	U	N	F	N3B-2026-697	FD	SW-846-9056A	0.067	260
CAMO-26-378089	R-60	12/08/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	77.6
CAMO-26-378095	R-60	12/08/2025	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	77.6
CAMO-26-378089	R-60	12/08/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	100
CAMO-26-378095	R-60	12/08/2025	67-66-3	Chloroform	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	100
CAMO-26-378089	R-60	12/08/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	20.3
CAMO-26-378095	R-60	12/08/2025	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	20.3

Table 6. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-60 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378950	R-60	12/08/2025	CR	Chromium	5.05	ug/L	J	Y	F	N3B-2026-697	REG	SW-846-8270E	3	50
CAMO-26-378956	R-60	12/08/2025	CR	Chromium	4.65	ug/L	J	Y	F	N3B-2026-697	FD	SW-846-8270E	3	50
CAMO-26-378990	R-60	12/08/2025	CO	Cobalt	0.3	ug/L	U	N	F	N3B-2026-697	REG	SW-846-8270E	0.3	50
CAMO-26-378996	R-60	12/08/2025	CO	Cobalt	0.3	ug/L	U	N	F	N3B-2026-697	FD	SW-846-8270E	0.3	50
CAMO-26-378996	R-60	12/08/2025	CU	Copper	2.17	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-8270E	0.3	1,000
CAMO-26-378996	R-60	12/08/2025	CU	Copper	2.05	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-8270E	0.3	1,000
CAMO-26-378989	R-60	12/08/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.00167	200
CAMO-26-378995	R-60	12/08/2025	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.00167	200
CAMO-26-378989	R-60	12/08/2025	84-74-2	Di-n-butylphthalate	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	865
CAMO-26-378995	R-60	12/08/2025	84-74-2	Di-n-butylphthalate	0.3	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.3	865
CAMO-26-378989	R-60	12/08/2025	106-93-4	Dibromomethane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	0.05
CAMO-26-378995	R-60	12/08/2025	106-93-4	Dibromomethane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	0.05
CAMO-26-378989	R-60	12/08/2025	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	600
CAMO-26-378989	R-60	12/08/2025	95-50-1	Dichlorobenzene[1,2-]	3.14	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3.14	600
CAMO-26-378995	R-60	12/08/2025	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	600
CAMO-26-378995	R-60	12/08/2025	95-50-1	Dichlorobenzene[1,2-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	600
CAMO-26-378989	R-60	12/08/2025	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	75
CAMO-26-378989	R-60	12/08/2025	106-46-7	Dichlorobenzene[1,4-]	3.14	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3.14	75
CAMO-26-378995	R-60	12/08/2025	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	75
CAMO-26-378995	R-60	12/08/2025	106-46-7	Dichlorobenzene[1,4-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	75
CAMO-26-378989	R-60	12/08/2025	91-94-1	Dichlorobenzidine[3,3'-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	1.25
CAMO-26-378995	R-60	12/08/2025	91-94-1	Dichlorobenzidine[3,3'-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	1.25
CAMO-26-378989	R-60	12/08/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.355	197
CAMO-26-378995	R-60	12/08/2025	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.355	197
CAMO-26-378989	R-60	12/08/2025	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	25
CAMO-26-378995	R-60	12/08/2025	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	25
CAMO-26-378989	R-60	12/08/2025	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	5
CAMO-26-378995	R-60	12/08/2025	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	5
CAMO-26-378989	R-60	12/08/2025	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	7
CAMO-26-378995	R-60	12/08/2025	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	7
CAMO-26-378989	R-60	12/08/2025	156-59-2	Dichloroethene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	70
CAMO-26-378995	R-60	12/08/2025	156-59-2	Dichloroethene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	70
CAMO-26-378989	R-60	12/08/2025	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	100
CAMO-26-378995	R-60	12/08/2025	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	100
CAMO-26-378989	R-60	12/08/2025	120-83-2	Dichlorophenol[2,4-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	46.3
CAMO-26-378995	R-60	12/08/2025	120-83-2	Dichlorophenol[2,4-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	46.3
CAMO-26-378989	R-60	12/08/2025	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	5
CAMO-26-378995	R-60	12/08/2025	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	5
CAMO-26-378989	R-60	12/08/2025	10061-01-5	Dichloropropene[1,3-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	4.7
CAMO-26-378995	R-60	12/08/2025	10061-01-5	Dichloropropene[1,3-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	4.7
CAMO-26-378989	R-60	12/08/2025	10061-02-6	Dichloropropene[trans-1,3-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	4.7
CAMO-26-378995	R-60	12/08/2025	10061-02-6	Dichloropropene[trans-1,3-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	4.7
CAMO-26-378989	R-60	12/08/2025	84-66-2	Diethylphthalate	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	14,800
CAMO-26-378995	R-60	12/08/2025	84-66-2	Diethylphthalate	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	14,800
CAMO-26-378989	R-60	12/08/2025	131-11-3	Dimethyl Phthalate	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	612
CAMO-26-378995	R-60	12/08/2025	131-11-3	Dimethyl Phthalate	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	612
CAMO-26-378989	R-60	12/08/2025	534-52-1	Dinitro-2-methylphenol[4,6-]	3	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3	1.52
CAMO-26-378995	R-60	12/08/2025	534-52-1	Dinitro-2-methylphenol[4,6-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	1.52
CAMO-26-378989	R-60	12/08/2025	51-28-5	Dinitrophenol[2,4-]	5.23	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	5.23	38.7
CAMO-26-378995	R-60	12/08/2025	51-28-5	Dinitrophenol[2,4-]	5	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	5	38.7
CAMO-26-378989	R-60	12/08/2025	121-14-2	Dinitrotoluene[2,4-]	0.0842	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0842	2.37
CAMO-26-378995	R-60	12/08/2025	121-14-2	Dinitrotoluene[2,4-]	3.14	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3.14	2.37
CAMO-26-378989	R-60	12/08/2025	121-14-2	Dinitrotoluene[2,4-]	0.0818	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0818	2.37
CAMO-26-378995	R-60	12/08/2025	121-14-2	Dinitrotoluene[2,4-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	2.37
CAMO-26-378989	R-60	12/08/2025	606-20-3	Dinitrotoluene[2,6-]	0.0842	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0842	0.485
CAMO-26-378995	R-60	12/08/2025	606-20-3	Dinitrotoluene[2,6-]	3.14	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3.14	0.485
CAMO-26-378989	R-60	12/08/2025	606-20-2	Dinitrotoluene[2,6-]	0.0818	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0818	0.485
CAMO-26-378995	R-60	12/08/2025	606-20-2	Dinitrotoluene[2,6-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.485
CAMO-26-378989	R-60	12/08/2025	123-91-1	Dioacet[1,4-]	0.04	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E SIM	0.04	4.59
CAMO-26-378995	R-60	12/08/2025	123-91-1	Dioacet[1,4-]	0.04	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E SIM	0.04	4.59
CAMO-26-378989	R-60	12/08/2025	122-39-4	Diphenylamine	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	122
CAMO-26-378995	R-60	12/08/2025	122-39-4	Diphenylamine	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	122
CAMO-26-378989	R-60	12/08/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-82600	0.333	700
CAMO-26-378995	R-60	12/08/2025	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-82600	0.333	700
CAMO-26-378989	R-60	12/08/2025	206-44-0	Fluoranthene	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	802
CAMO-26-378995	R-60	12/08/2025	206-44-0	Fluoranthene	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	802
CAMO-26-378989	R-60	12/08/2025	86-73-7	Fluorene	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	288
CAMO-26-378995	R-60	12/08/2025	86-73-7	Fluorene	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	288
CAMO-26-378989	R-60	12/08/2025	F(-1)	Fluoride	0.113	mg/L	NQ	Y	F	N3B-2026-697	REG	SW-846-9056A	0.033	1.6
CAMO-26-378995	R-60	12/08/2025	F(-1)	Fluoride	0.114	mg/L	NQ	Y	F	N3B-2026-697	FD	SW-846-9056A	0.033	1.6
CAMO-26-378989	R-60	12/08/2025	118-74-1	Hexachlorobenzene	0.0067	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8081B	0.0067	0.0976
CAMO-26-378995	R-60	12/08/2025	118-74-1	Hexachlorobenzene	3.14	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8081B	3.14	0.0976
CAMO-26-378989	R-60	12/08/2025	118-74-1	Hexachlorobenzene	0.00651	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8081B	0.00651	0.0976
CAMO-26-378995	R-60	12/08/2025	118-74-1	Hexachlorobenzene	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.0976

Table 6. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-60 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378089	R-60	12/08/2025	87-68-3	Hexachlorobutadiene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	1.39
CAMO-26-378089	R-60	12/08/2025	87-68-3	Hexachlorobutadiene	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	1.39
CAMO-26-378095	R-60	12/08/2025	87-68-3	Hexachlorobutadiene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	1.39
CAMO-26-378089	R-60	12/08/2025	87-68-3	Hexachlorobutadiene	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	1.39
CAMO-26-378095	R-60	12/08/2025	77-42-4	Hexachlorocyclopentadiene	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	0.411
CAMO-26-378095	R-60	12/08/2025	77-42-4	Hexachlorocyclopentadiene	3.00	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.411
CAMO-26-378089	R-60	12/08/2025	67-72-1	Hexachlorodioxane	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	3.28
CAMO-26-378095	R-60	12/08/2025	67-72-1	Hexachlorodioxane	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	3.28
CAMO-26-378089	R-60	12/08/2025	2691-41-0	HMX	0.0842	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0842	1.000
CAMO-26-378095	R-60	12/08/2025	2691-41-0	HMX	0.0818	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8330B	0.0818	1.000
CAMO-26-378090	R-60	12/08/2025	FE	Iron	30	ug/L	U	N	F	N3B-2026-697	REG	SW-846-6010D	30	1.000
CAMO-26-378096	R-60	12/08/2025	FE	Iron	30	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6010D	30	1.000
CAMO-26-378089	R-60	12/08/2025	78-59-1	Isophorone	3.66	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.66	781
CAMO-26-378095	R-60	12/08/2025	78-59-1	Isophorone	3.5	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3.5	781
CAMO-26-378090	R-60	12/08/2025	P8	Lead	0.5	ug/L	U	N	F	N3B-2026-697	REG	SW-846-6020B	0.5	15
CAMO-26-378096	R-60	12/08/2025	P8	Lead	0.5	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6020B	0.5	15
CAMO-26-378090	R-60	12/08/2025	MN	Manganese	12	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-6010D	2	200
CAMO-26-378096	R-60	12/08/2025	MN	Manganese	11.6	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6010D	2	200
CAMO-26-378089	R-60	12/08/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-7470A	0.067	2
CAMO-26-378090	R-60	12/08/2025	HG	Mercury	0.067	ug/L	U	N	F	N3B-2026-697	REG	SW-846-7470A	0.067	2
CAMO-26-378095	R-60	12/08/2025	HG	Mercury	0.067	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-7470A	0.067	2
CAMO-26-378089	R-60	12/08/2025	HG	Mercury	0.067	ug/L	U	N	F	N3B-2026-697	REG	SW-846-8260D	0.333	100
CAMO-26-378095	R-60	12/08/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	100
CAMO-26-378089	R-60	12/08/2025	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	100
CAMO-26-378095	R-60	12/08/2025	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.5	5
CAMO-26-378089	R-60	12/08/2025	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.5	5
CAMO-26-378089	R-60	12/08/2025	90-12-0	Methylnaphthalene[1-]	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	30
CAMO-26-378095	R-60	12/08/2025	90-12-0	Methylnaphthalene[1-]	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	30
CAMO-26-378089	R-60	12/08/2025	91-57-6	Methylnaphthalene[2-]	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	30
CAMO-26-378095	R-60	12/08/2025	91-57-6	Methylnaphthalene[2-]	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	30
CAMO-26-378090	R-60	12/08/2025	MO	Molybdenum	1.23	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-6020B	0.2	1.000
CAMO-26-378096	R-60	12/08/2025	MO	Molybdenum	1.14	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6020B	0.2	1.000
CAMO-26-378089	R-60	12/08/2025	91-20-3	Naphthalene	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	30
CAMO-26-378095	R-60	12/08/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	30
CAMO-26-378089	R-60	12/08/2025	91-20-3	Naphthalene	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	30
CAMO-26-378095	R-60	12/08/2025	91-20-3	Naphthalene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	30
CAMO-26-378090	R-60	12/08/2025	NI	Nickel	7.65	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-6020B	0.6	200
CAMO-26-378096	R-60	12/08/2025	NI	Nickel	7.2	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6020B	0.6	200
CAMO-26-378090	R-60	12/08/2025	N03+N02-N	Nitrate-Nitrite as Nitrogen	0.4	mg/L	NQ	Y	F	N3B-2026-697	REG	EPA353.2	0.017	10
CAMO-26-378096	R-60	12/08/2025	N03+N02-N	Nitrate-Nitrite as Nitrogen	0.401	mg/L	NQ	Y	F	N3B-2026-697	FD	EPA353.2	0.017	10
CAMO-26-378089	R-60	12/08/2025	98-95-3	Nitrobenzene	0.0842	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0842	1.4
CAMO-26-378095	R-60	12/08/2025	98-95-3	Nitrobenzene	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	1.4
CAMO-26-378089	R-60	12/08/2025	98-95-3	Nitrobenzene	0.0318	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8330B	0.0318	1.4
CAMO-26-378095	R-60	12/08/2025	98-95-3	Nitrobenzene	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	1.4
CAMO-26-378089	R-60	12/08/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	0.0273
CAMO-26-378095	R-60	12/08/2025	924-16-3	Nitroso-di-n-butylamine[N-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.0273
CAMO-26-378089	R-60	12/08/2025	55-18-5	Nitrosodiethylamine[N-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	0.00167
CAMO-26-378095	R-60	12/08/2025	55-18-5	Nitrosodiethylamine[N-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.00167
CAMO-26-378089	R-60	12/08/2025	62-75-9	Nitrosodimethylamine[N-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	0.00491
CAMO-26-378095	R-60	12/08/2025	62-75-9	Nitrosodimethylamine[N-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.00491
CAMO-26-378089	R-60	12/08/2025	930-55-2	Nitrosopyrrolidine[N-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	0.37
CAMO-26-378095	R-60	12/08/2025	930-55-2	Nitrosopyrrolidine[N-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	0.37
CAMO-26-378090	R-60	12/08/2025	108-60-1	Oxibid[1-chloropropanol[2,2'-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	9.81
CAMO-26-378096	R-60	12/08/2025	108-60-1	Oxibid[1-chloropropanol[2,2'-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	9.81
CAMO-26-378089	R-60	12/08/2025	608-93-5	Pentachlorobenzene	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	3.07
CAMO-26-378095	R-60	12/08/2025	608-93-5	Pentachlorobenzene	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	3.07
CAMO-26-378089	R-60	12/08/2025	87-86-5	Pentachlorophenol	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	1
CAMO-26-378095	R-60	12/08/2025	87-86-5	Pentachlorophenol	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	1
CAMO-26-378090	R-60	12/08/2025	ClO4	Perchlorate	0.373	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-6850	0.05	13.8
CAMO-26-378096	R-60	12/08/2025	ClO4	Perchlorate	0.37	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6850	0.05	13.8
CAMO-26-378095	R-60	12/08/2025	355-46-4	Perfluorohexanesulfonic acid	0.581	ng/L	U	N	UF	N3B-2026-697	REG	EPA1633A	0.581	401
CAMO-26-378089	R-60	12/08/2025	355-46-4	Perfluorohexanesulfonic acid	0.569	ng/L	U	N	UF	N3B-2026-697	FD	EPA1633A	0.569	401
CAMO-26-378092	R-60	12/08/2025	1763-23-1	Perfluorooctanesulfonic acid	0.59	ng/L	U	N	UF	N3B-2026-697	REG	EPA1633A	0.59	60.2
CAMO-26-378095	R-60	12/08/2025	1763-23-1	Perfluorooctanesulfonic acid	0.578	ng/L	U	N	UF	N3B-2026-697	FD	EPA1633A	0.578	60.2
CAMO-26-378092	R-60	12/08/2025	335-67-1	Perfluorotartaric acid	0.636	ng/L	U	N	UF	N3B-2026-697	REG	EPA1633A	0.636	60.2
CAMO-26-378099	R-60	12/08/2025	335-67-1	Perfluorotartaric acid	0.623	ng/L	U	N	UF	N3B-2026-697	FD	EPA1633A	0.623	60.2
CAMO-26-378089	R-60	12/08/2025	pH	pH	7.6	SU	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	170
CAMO-26-378095	R-60	12/08/2025	85-01-8	Phenanthrene	0.314	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	170
CAMO-26-378089	R-60	12/08/2025	85-01-8	Phenanthrene	0.3	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.3	170
CAMO-26-378095	R-60	12/08/2025	108-95-2	Phenol	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	5
CAMO-26-378089	R-60	12/08/2025	108-95-2	Phenol	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	5
CAMO-26-378095	R-60	12/08/2025	129-00-0	Pyrene	0.314	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	0.314	117
CAMO-26-378089	R-60	12/08/2025	129-00-0	Pyrene	0.3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	0.3	117
CAMO-26-378089	R-60	12/08/2025	RA-226+228	Radium-226 and Radium-228	3.25	pCi/L	U	N	UF	N3B-2026-697	REG	Generic Radium by Calculation	-	5

Table 6. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-60 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
CAMO-26-378095	R-60	12/08/2025	RA-226+228	Radium-226 and Radium-228	0.809	pCi/L	UJ	N	UF	N3B-2026-697	FD	GenericRadium by Calculation	-	5
CAMO-26-378095	R-60	12/08/2025	121-82-4	ROX	0.0842	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0842	9.66
CAMO-26-378095	R-60	12/08/2025	121-82-4	ROX	0.0818	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8330B	0.0818	9.66
CAMO-26-378095	R-60	12/08/2025	AG	Silver	0.3	ug/L	U	N	F	N3B-2026-697	REG	SW-846-8260B	0.3	50
CAMO-26-378095	R-60	12/08/2025	AG	Silver	0.3	ug/L	U	N	F	N3B-2026-697	FD	SW-846-8260B	0.3	50
CAMO-26-378089	R-60	12/08/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	100
CAMO-26-378095	R-60	12/08/2025	100-42-5	Styrene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	100
CAMO-26-378095	R-60	12/08/2025	504(-2)	Sulfate	1.9	mg/L	NQ	Y	F	N3B-2026-697	REG	SW-846-9056A	0.133	600
CAMO-26-378096	R-60	12/08/2025	504(-2)	Sulfate	1.91	mg/L	NQ	Y	F	N3B-2026-697	FD	SW-846-9056A	0.133	600
CAMO-26-378089	R-60	12/08/2025	126-33-0	Sulfonane	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	20
CAMO-26-378095	R-60	12/08/2025	126-33-0	Sulfonane	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	20
CAMO-26-378089	R-60	12/08/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	1.66
CAMO-26-378095	R-60	12/08/2025	95-94-3	Tetrachlorobenzene[1,2,4,5]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	1.66
CAMO-26-378089	R-60	12/08/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	10
CAMO-26-378095	R-60	12/08/2025	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	10
CAMO-26-378089	R-60	12/08/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	5
CAMO-26-378095	R-60	12/08/2025	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	5
CAMO-26-378090	R-60	12/08/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2026-697	REG	SW-846-6020B	0.6	2
CAMO-26-378096	R-60	12/08/2025	TL	Thallium	0.6	ug/L	U	N	F	N3B-2026-697	FD	SW-846-6020B	0.6	2
CAMO-26-378089	R-60	12/08/2025	108-88-3	Toluene	45.1	ug/L	NQ	Y	UF	N3B-2026-697	REG	SW-846-8260D	0.333	1,000
CAMO-26-378095	R-60	12/08/2025	108-88-3	Toluene	44.8	ug/L	NQ	Y	UF	N3B-2026-697	FD	SW-846-8260D	0.333	1,000
CAMO-26-378090	R-60	12/08/2025	TDS	Total Dissolved Solids	128	mg/L	NQ	Y	F	N3B-2026-697	REG	EPA160.1	2.38	1,000
CAMO-26-378096	R-60	12/08/2025	TDS	Total Dissolved Solids	132	mg/L	NQ	Y	F	N3B-2026-697	FD	EPA160.1	2.38	1,000
CAMO-26-378089	R-60	12/08/2025	TKN	Total Kjeldahl Nitrogen	0.097	mg/L	U	N	UF	N3B-2026-697	REG	EPA351.2	0.033	-
CAMO-26-378095	R-60	12/08/2025	TKN	Total Kjeldahl Nitrogen	0.04	mg/L	U	N	UF	N3B-2026-697	FD	EPA351.2	0.033	-
CAMO-26-378089	R-60	12/08/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	70
CAMO-26-378095	R-60	12/08/2025	120-82-1	Trichlorobenzene[1,2,4-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	70
CAMO-26-378089	R-60	12/08/2025	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	70
CAMO-26-378095	R-60	12/08/2025	120-82-1	Trichlorobenzene[1,2,4-]	3	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3	70
CAMO-26-378089	R-60	12/08/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	0.2
CAMO-26-378095	R-60	12/08/2025	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	0.2
CAMO-26-378089	R-60	12/08/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	5
CAMO-26-378095	R-60	12/08/2025	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	5
CAMO-26-378089	R-60	12/08/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	5
CAMO-26-378095	R-60	12/08/2025	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	5
CAMO-26-378089	R-60	12/08/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	1,140
CAMO-26-378095	R-60	12/08/2025	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	1,140
CAMO-26-378089	R-60	12/08/2025	95-93-4	Trichloropheno[1,2,4,5]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	1,170
CAMO-26-378095	R-60	12/08/2025	95-93-4	Trichloropheno[1,2,4,5]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	1,170
CAMO-26-378089	R-60	12/08/2025	88-06-2	Trichlorophenol[2,4,6-]	3.14	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8270E	3.14	11.9
CAMO-26-378095	R-60	12/08/2025	88-06-2	Trichlorophenol[2,4,6-]	3	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8270E	3	11.9
CAMO-26-378089	R-60	12/08/2025	118-96-7	Trinitrobenzene[2,4,6-]	0.0842	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8330B	0.0842	9.8
CAMO-26-378095	R-60	12/08/2025	118-96-7	Trinitrobenzene[2,4,6-]	0.0818	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8330B	0.0818	9.8
CAMO-26-378090	R-60	12/08/2025	U	Uranium	0.491	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-6020B	0.067	30
CAMO-26-378096	R-60	12/08/2025	U	Uranium	0.467	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6020B	0.067	30
CAMO-26-378089	R-60	12/08/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	2
CAMO-26-378095	R-60	12/08/2025	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	2
CAMO-26-378089	R-60	12/08/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.333	193
CAMO-26-378095	R-60	12/08/2025	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.333	193
CAMO-26-378089	R-60	12/08/2025	95-47-6	Xylene[1,3-+pXylene][4-]	0.5	ug/L	U	N	UF	N3B-2026-697	REG	SW-846-8260D	0.5	386
CAMO-26-378095	R-60	12/08/2025	XTLENE[M+P]	Xylene[1,3-+pXylene][4-]	0.5	ug/L	U	N	UF	N3B-2026-697	FD	SW-846-8260D	0.5	386
CAMO-26-378089	R-60	12/08/2025	XTLENE[M+P]	Xylene[1,3-+pXylene][4-]	197	ug/L	NQ	Y	F	N3B-2026-697	REG	SW-846-6010D	3.3	10,000
CAMO-26-378095	R-60	12/08/2025	ZN	Zinc	193	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6010D	3.3	10,000
CAMO-26-378096	R-60	12/08/2025	ZN	Zinc	193	ug/L	NQ	Y	F	N3B-2026-697	FD	SW-846-6010D	3.3	10,000

Notes:

¹ug/L - micrograms per liter
mg/L - milligrams per liter
ng/L - nanograms per liter
SU - standard units
pCi/L - picocuries per liter

²U - The analyte is classified as not detected

NQ - No validation qualifier flag is associated with this result, and the analyte is classified as detected

J- The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual

UJ- The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual

³N - In the Detected column means the analyte was not detected

Y - In the Detected column means the analyte was detected

⁴UF - In the Field Preparation Code column means the sample was not filtered

F - In the Field Preparation Code column means the sample was filtered

⁵REG - In the Sample Purpose column means the sample was a regular sample

FD - In the Sample Purpose column means the sample was a field duplicate

⁶There is not a Report Detection Limit for Radium-226 and Radium-228 since this result is calculated

⁷Groundwater Limit represents standards for groundwater as identified in 20.6.2.3103 NMAC where available, otherwise the value represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for diphenylhydrazine reported as azobenzene, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Groundwater Limit for N-nitrosodiphenylamine reported as diphenylamine, which represents NMED Risk Assessment Guidance, Table A-1, Tap Water Limit

Table 6. Analytical Results from Annual Ground Water Sampling of Regional Monitoring Well R-60 in 2025. Permit Condition No. 36.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units ¹	Validation Qualifier ²	Detected ³	Field Preparation Code ⁴	COC #	Sample Purpose ⁵	Lab Method	Report Method Detection Limit ⁶	Groundwater Limit ⁷
Total Kjeldahl Nitrogen does not contain either a 20.6.2.3103 NMAC standard or NMED Risk Assessment Guidance, Table A-1, Tap Water Limit.														
Groundwater Limit for combined Naphthalene plus monomethylnaphthalenes is 30 µg/L, which represents the NMAC 20.6.2.3103 Groundwater Standard														

N3B SMO

Los Alamos NM

R-60

Chain of Custody/Analysis Request

COC/Lab Request #:
N3B-2026-693
Page 1 of 1

Client Contact:

Lab Agreement #:

Project Number:

Analysis Turnaround Time:
☐ 24 Hour - ☐ Other - ☒ Value - > Standard
☐ 7 Days - ☐ 14 Days - ☐ 21 Days - ☐ 28 Days -

Total # of bottles: 107

Event ID: 17384

Site Name: N3B LANL

Rad Screening Info:

Lab Reporting Limit Type:
Method Detection Limit

Field Sample ID	Sample Date	Sample Time	Sample Matrix	EE_LS:H3_LL	EPA:1633A_IFGMP_PFA3_37a	EPA:1633A_IFGMP_PFA3_3a	EPA:350.1_NH3+353.2_NO3/NO2+365.4_PO4	EPA:351.2_TKN+SW-846:9060_TOC	EPA:903.1_Ra226+904_Ra228_900.0_GrossAB	EPA:CO_GS+905.0_S90+HASL:300_Am+PU+U	EPA:SC_pH_TDS_AIK+SW-846:ClO4_Arions	GCM/MS:Nitrosamines_LL	SW-846:6020_Ar+Se+7470_Hg	SW-846:8081_HCB_LL	SW-846:8082_PCB_Aroclor	SW-846:8260_IFGMP_VOA	SW-846:8270_SIM_1-4-Dioxane	SW-846:8270_IFGMP_SVOA+IFGMP_SVOA_SIM	SW-846:8330_CO_HEXAP	SW-846:9012_CN(T)	SW-846:IFGMP_Metals	
CAMO-26-378089	12/08/2025	13:53	W	1				1	1	1			1	2	3		2	2	3	3	1	
CAMO-26-378090	12/08/2025	13:53	W				1				1										1	
CAMO-26-378091	12/08/2025	13:53	W									4										
CAMO-26-378092	12/08/2025	13:53	W		3																	
CAMO-26-378092_2	12/08/2025	13:53	W	3																		
CAMO-26-378094	12/08/2025	13:53	W																			
CAMO-26-378095	12/08/2025	13:53	W	1				1	1	1			1	2	3		2	2	3	3	1	
CAMO-26-378096	12/08/2025	13:53	W				1				1										1	
CAMO-26-378097	12/08/2025	13:53	W									4										
CAMO-26-378099	12/08/2025	13:53	W		3																	
CAMO-26-378099_2	12/08/2025	13:53	W	3																		
CAMO-26-378103	12/08/2025	13:53	W	1			1	1	1	1	1			2	3		2	2	3	3	1	1
CAMO-26-378104	12/08/2025	13:53	W									4										
CAMO-26-378105	12/08/2025	13:53	W																			
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CAMO-26-378106_2	12/08/2025	13:53	W	3																		

Special Instructions:

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Print Name: Jacyln Supoff

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Date/Time: 12/08/2025 1600

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Print Name: Kat Popova

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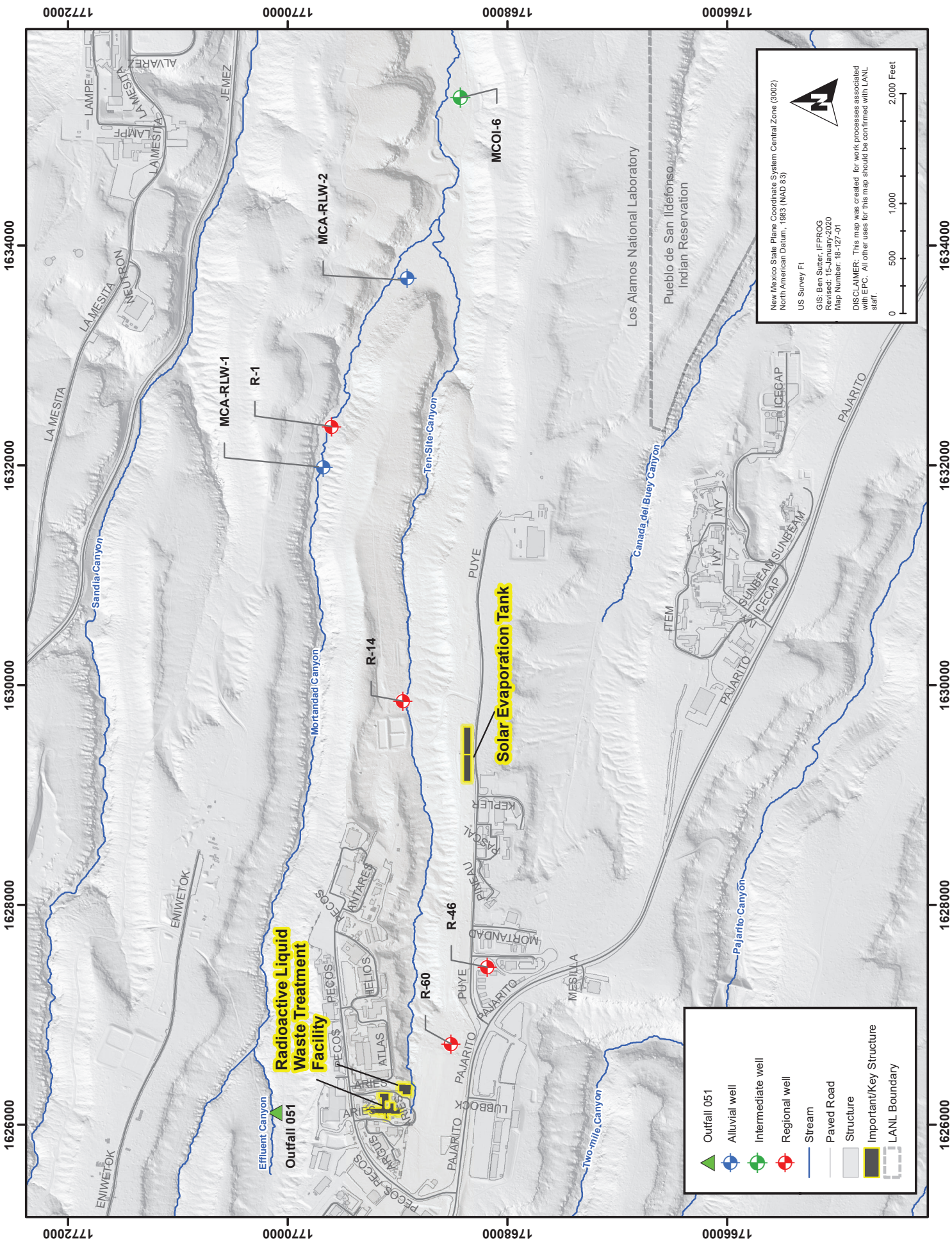
Attachment 6

Monitoring Well Location Map

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Date: January 28, 2026



Outfall 051

Alluvial well

Intermediate well

Regional well

Stream

Paved Road

Structure

Important/Key Structure

LANL Boundary

New Mexico State Plane Coordinate System Central Zone (3002)
North American Datum, 1983 (NAD 83)

US Survey Ft

GIS: Ben Sutter, JFPROG
Created: 15-January-2020
Map Number: 18-127-01

DISCLAIMER: This map was created for work processes associated with EPC. All other uses for this map should be confirmed with LANL staff.

0

500

1,000

2,000

Feet

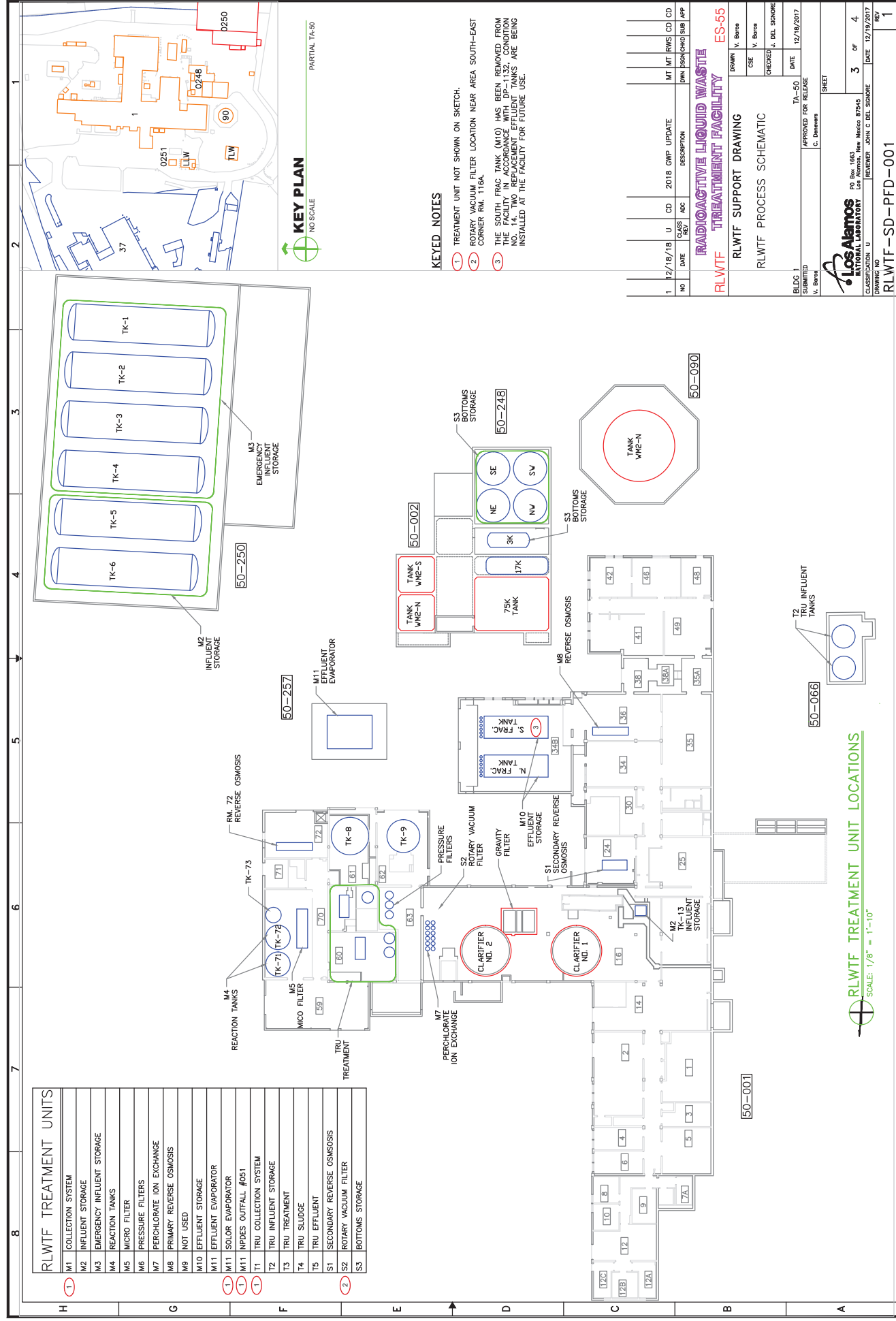
Attachment 7

All Major Structures at the RLWTF - Updated Schematic

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026



Attachment 8

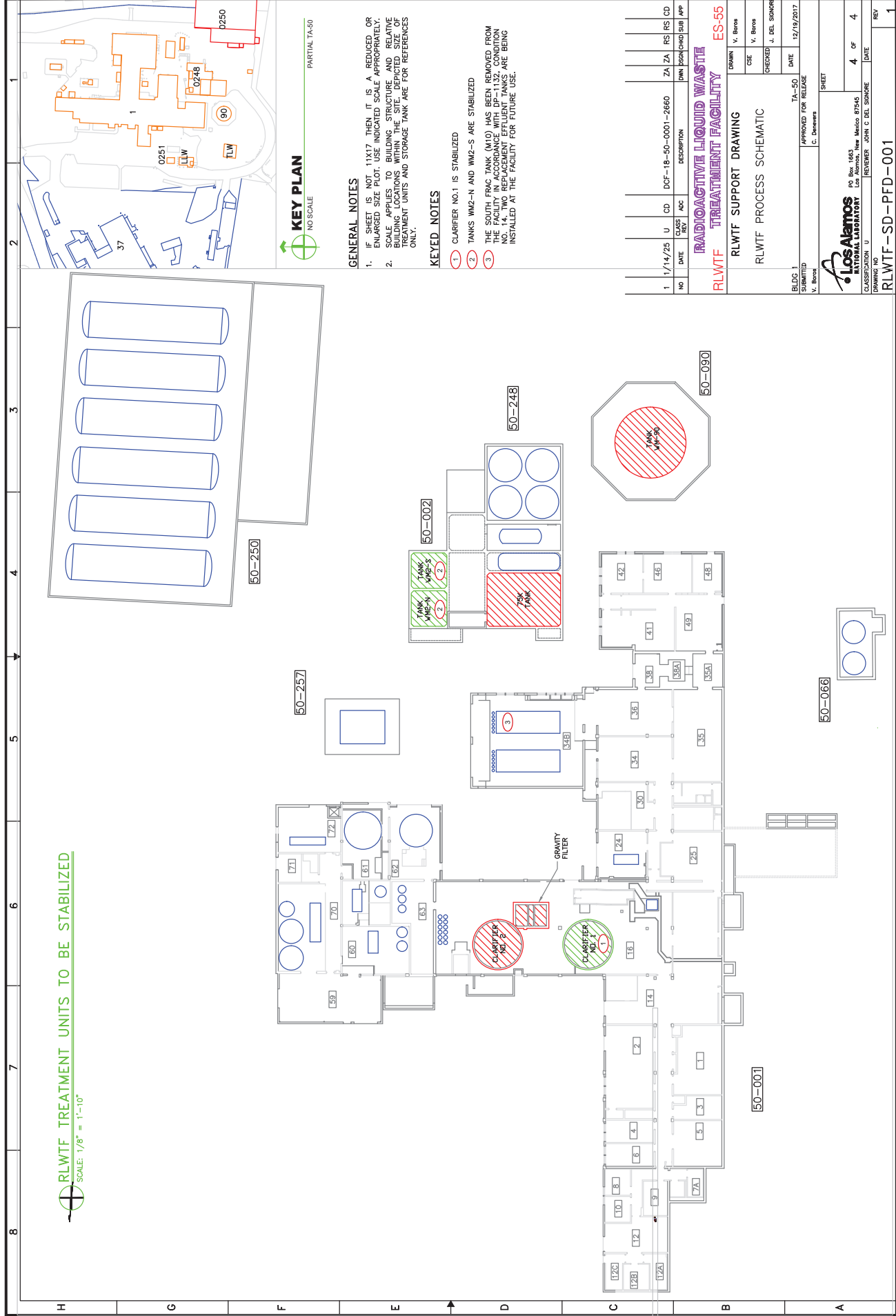
Treatment Units to be Stabilized at the RLWTF - Updated Schematic

EPC-DO: 25-384

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RLWTF TREATMENT UNITS TO BE STABILIZED
SCALE: 1/8" = 1'-10"



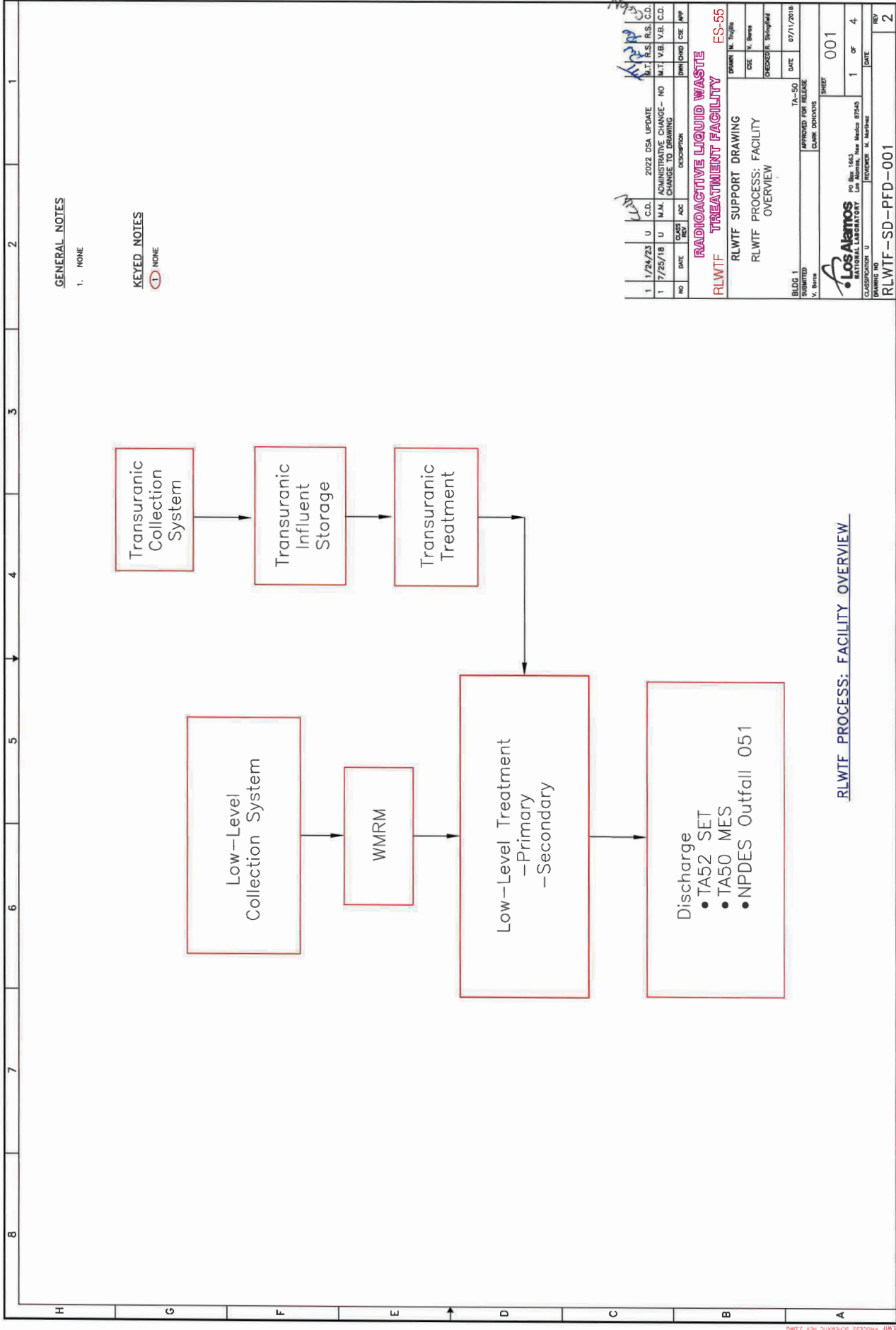
Attachment 9

Current Treatment Process Overview at the RLWTF - Flow Chart

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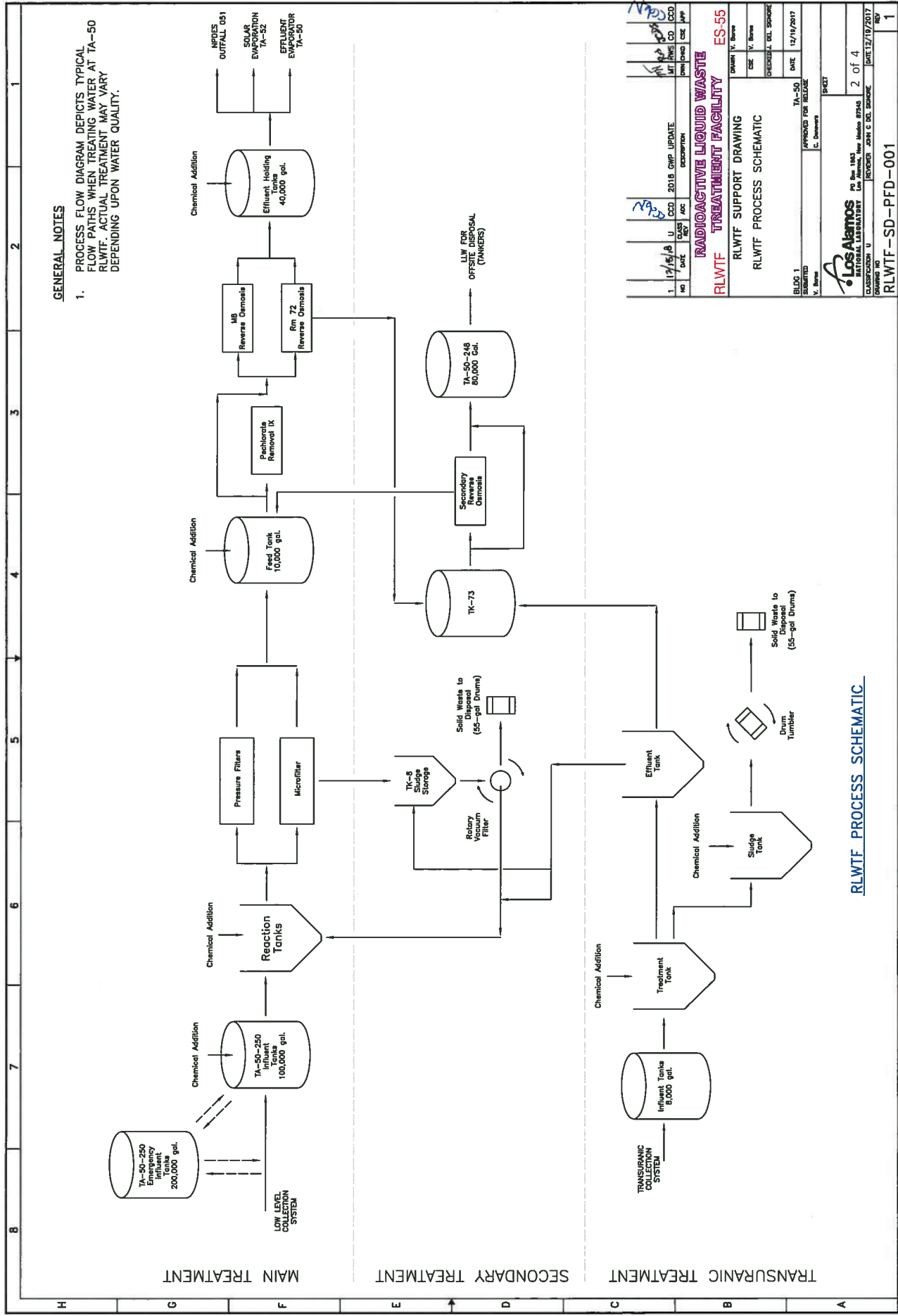
Attachment 10

Detailed View of the Current Treatment Process at the RLWTF - Flow Chart

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Attachment 11

RLWTF Systems and Treatment Units - Narrative Description

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RLWTF Processes and Units

OVERVIEW

The Radioactive Liquid Waste Treatment Facility (RLWTF) includes (a) two underground collection systems that convey water to Technical Area (TA) 50 from generators at Los Alamos National Laboratory (LANL), (b) structures at TA-50, and (c) solar evaporation tanks at TA-52. At TA-50, Building 50-01 is the primary structure; it houses treatment equipment, process tanks, analytical laboratories, and offices. Adjacent TA-50 structures provide for storage of influent and wastewater, but not treatment: 50-66 (transuranic influent), 50-248 (secondary waters), and 50-250 (low-level influent).

The RLWTF receives and treats radioactive liquid waste (RLW) from generators at LANL. Treatment units have been grouped into a main treatment process for low-level RLW, a process for treating transuranic RLW, and a secondary treatment process for waste streams from both the low-level and transuranic processes. The units within each of these process lines are summarized in Table 1 and described in the paragraphs that follow. Table 2 provides additional information for each unit, including location, vessels, construction materials, capacity, and secondary containment.

TABLE 1: SUMMARY OF RLWTF TREATMENT UNITS

Unit Operation	Tanks	Location
Main Treatment:		
M1 Collection system	----	TA-03, 35, 48, 50, 55, 59
M2 Influent storage	W5, W6	50-250
M3 Emergency influent storage	WMRM tanks (4)	50-250
M4 Reaction tanks	TK71, TK72	50-01
M5 Microfilter	----	50-01
M6 Pressure filters	---	50-01
M7 Perchlorate ion exchange	TK09	50-01
M8 Primary reverse osmosis	----	50-01
M9 Reserved	----	----
M10 Effluent storage	N.Frac, S.Frac	50-01
M11 Mechanical evaporator	----	50-257
M11 Solar evaporation	----	TA52
M11 NPDES Outfall #051	----	Effluent Canyon ^A
Transuranic:		
T1 TRU Collection system	----	TA50, 55
T2 TRU Influent storage	Acid tank, Caustic tank	50-66
T3 TRU Treatment	TK1, TK2	50-01
T4 TRU Solids	TK-7A	50-01
T5 TRU Effluent	TK3	50-01
Secondary Treatment:		
S1 Secondary reverse osmosis	TK73, TK25	50-01
S2 Vacuum filter	TK8	50-01
S3 Bottoms storage	17K, TK-NE,SE,SW,NW	50-248

^A Effluent Canyon is a tributary of Mortandad Canyon.

MAIN TREATMENT PROCESS

The main treatment process consists of the collection, storage, and treatment of low-level RLW, and the discharge of treated effluent to the environment. Process steps include treatment with chemicals in a reaction tank, filtration, ion exchange, and reverse osmosis. Discharge to the environment is via NPDES outfall, solar evaporation, or evaporation using natural gas. Two secondary streams are generated by primary treatment, low-level solids and reverse osmosis concentrate; they are sent to the secondary treatment process.

M1. RADIOACTIVE LIQUID WASTE COLLECTION SYSTEM

The majority of RLW is transferred by direct pipeline between generator facilities and the RLWTF^B. The pipeline system, installed in 1982, connects the TA-50 RLWTF to buildings in six TAs using approximately four miles of underground, double-walled (pipeline within a pipeline) piping. Primary piping is six- or eight-inch-diameter polyethylene encased within 10- or 12-inch polyethylene secondary piping. The primary piping transitions to stainless steel in each of 62 underground valve stations (also referred to as vaults), then transitions back to polyethylene upon exit. Vaults are equipped with leak detection sensors that are linked electronically to the RLWTF operations center.

M2. INFLUENT STORAGE

Influent flows by gravity from the collection system into storage tanks in Building 50-250. Two influent tanks in the basement of the building are dedicated to daily influent activities. Both are fiberglass, and each has a capacity of 50,000 gallons. After a tank is sampled, influent is fed to the low-level main treatment process in Building 50-01 via another underground, double-walled pipe.

M3. EMERGENCY INFLUENT STORAGE

Building 50-250, the Waste Management and Risk Mitigation (WMRM) facility, is located about 50 meters southeast of Building 50-01. WMRM houses six influent storage tanks with a capacity of 50,000 gallons each; four of these are held in reserve for emergency or off-normal conditions. WMRM is a steel frame structure designed to withstand seismic, wind, and snow load criteria. The concrete basement houses the two influent and four emergency storage tanks and acts as secondary containment. Tanks receive influent by gravity flow from the collection system.

M4. REACTION TANKS

Influent is mixed with treatment chemicals in reaction tanks TK71 and TK72 to remove insoluble constituents, including more than 90% of the radioactivity. The two reaction tanks are aboveground, carbon-steel vessels, ~10,000 gallons each. Influent and chemicals enter from above; the tank mixer brings the streams into contact. Chemicals such as sodium hydroxide and ferric sulfate are added to adjust pH, precipitate metals, and promote particle growth. Contaminants precipitate as solids, which are kept in suspension by the tank mixer. The solids-water mixture is fed to the next treatment step, the microfilter.

M5. MICROFILTER

From the reaction tanks, treated influent is pumped to a microfilter to remove solids from water. The microfilter employs polyvinylidene fluoride, or PVDF, membranes to separate the solids, which include more than 90% of the radioactivity. The membranes can withstand pH ranges from 0-14, are non-plugging, and are chlorine resistant; they remove

^B The remaining RLW, typically less than 2,000 gallons per month, is transferred from small generators via truck.

particles as small as 0.1 micron, and can handle feed streams with up to 5% solids. A periodic backpulse of air sends a reverse flow of filtrate across the membrane, dislodging contaminants and moving solids to the concentrate tank. A clean-in-place system enables periodic cleaning of membranes using chemicals such as acids, bases, or bleach.

Filtrate (water) from the microfilter is fed to TK9, and from TK9 to either perchlorate ion exchange or the primary reverse osmosis unit. Solids from the microfilter are periodically removed to TK8 for subsequent treatment in the vacuum filter.

M6. PRESSURE FILTERS

Three pressure media filters, which operate in parallel or singly, can also be used to remove suspended solids from water in the reaction tanks. Water is pumped from either TK71 or TK72, through the media in an enclosed steel vessel at a pressure of about 30 pounds per square gauge (psig). Pressure filters are 30 inches in diameter and approximately five feet high, and are constructed of carbon steel lined with plasite (an epoxy). The media in the pressure filter consists of coarse and fine particles of sand, garnet, coal, and gravel, and can remove particles as small as 10 microns. Backwashing is periodically necessary, to remove solids and to reconstitute the bed. Each filter can process up to 50 gallons per minute (gpm).

M7. PERCHLORATE ION EXCHANGE

Ion-exchange columns located in Room 16 are used to remove perchlorates. Three of the eight fiberglass reinforced plastic ion exchange vessels are typically in service. Vessels range in size to nine cubic feet of ion exchange resin, and can treat up to 60 gallons of water per minute. The columns are installed downstream of TK9, and prior to treatment by the reverse osmosis. TK9 is a 9000-gallon, carbon-steel, aboveground vessel located in Room 61. Resins are not re-generated. Instead, columns are drained of water, then disposed as solid radioactive waste.

M8. PRIMARY REVERSE OSMOSIS

The double-pass reverse osmosis unit in Room 36 (referred to as the M8 unit) began operation in late 2018 in order to assure that treated water meets DP-1132 effluent limits.

Reverse osmosis units remove soluble contaminants and produce a high-quality effluent that approaches and sometimes meets EPA drinking water standards. The reverse osmosis units use commercially available high-rejection membranes, typically rated at nominal NaCl rejection of 90-99%. The M8 unit has three 8-inch- diameter pressure vessels (first pass) and six 4-inch-diameter pressure vessels (second pass). Permeate from the M8 unit is sent to storage tanks in Room 34B; concentrate is processed through the secondary treatment process. The M8 unit has a capacity of 30 gpm.

M9. RESERVED

The copper-zinc ion exchange treatment unit, described in the application for DP-1132, was removed from service in 2014.

M10. EFFLUENT STORAGE

One tank is available for the storage of treated water, referred to as the north frac tank. The frac tank is a horizontal carbon steel tank located in Room 34B; with a capacity of ~20,000 gallons. The previously existing storage tank, referred to as the south frac, is being replaced by two new additional tanks. The new tanks are vertical stainless steel located in Room 34B; each has a capacity of ~10,000 gallons. The three tanks will be operated in tandem. As one of the tanks is filled, the flow of reverse osmosis permeate will be directed to one of the other tanks. As another tank fills, water from the filled tank will be sampled, adjusted, if necessary (e.g., pH adjustment), and then discharged to the environment. This practice helps to ensure that treated water will meet effluent limits imposed by regulatory agencies.

M11. DISCHARGE OF TREATED WATER TO THE ENVIRONMENT**11A. DISCHARGE VIA MECHANICAL EVAPORATION**

Treated water may be discharged to the environment via an effluent evaporator located outside Room 34 of Building 50-01. Water is heated using natural gas in a 4.5 million BTU/hr low NO_x gas burner that can evaporate up to 400 gallons of water per hour. The unit is constructed of stainless steel, and has received a No Permit Required Determination from the NMED Air Quality Bureau.

11B. DISCHARGE VIA SOLAR EVAPORATION

A solar evaporation tank system (SET) is located at TA-52 of LANL. The site is approximately one acre in size, and about two-thirds of a mile from the TA-50 RLWTF. The SET has two cells. Each cell has concrete walls approximately four feet high, and a double liner with leak detection. Each cell is approximately 70 feet by 250 feet in size, with a usable capacity of about 380,000 gallons. The SET pump house has the capability of returning the contents of either cell to the TA-50 RLWTF for storage and retreatment, if necessary. Approximately 3,500 feet of high-density polyethylene (HDPE) transfer piping connect the SET and the TA-50 RLWTF.

11C. DISCHARGE VIA NPDES OUTFALL 051

Treated water that meets NPDES, NMED, and DOE discharge standards can be discharged to the environment via permitted NPDES Outfall 051 in Effluent Canyon, a tributary of Mortandad Canyon. Water is pumped to the outfall through approximately 1,400 feet of three-inch-diameter, carbon steel pipe. NPDES and DP-1132 compliance samples are collected at TA-50 while water is discharging to the canyon.

TRANSURANIC TREATMENT PROCESS

The RLWTF receives and treats two separate influent streams, low-level RLW, and transuranic RLW. Each influent stream has its own underground collection system, its own influent storage tanks, and its own treatment equipment. The two streams differ in several important ways, however:

- Volumes: Approximately 99% of influent volume received at the RLWTF is low-level RLW.
- Radioactivity: Typically, 90% comes from transuranic RLW.
- Effluent: Treated transuranic RLW cannot be, and is not, directly discharged to the environment.

Two secondary streams are generated by the treatment of transuranic RLW, transuranic solids and low-level liquids. Solids are solidified as part of the transuranic treatment process. The liquid stream receives additional treatment in either the main treatment process or the secondary treatment process.

T1. TRANSURANIC COLLECTION SYSTEM

The transuranic collection system runs from Building 55-04 through below-grade, double-walled transfer lines, through a valve pit at 50-201, and into influent storage tanks at Building 50-66. One transfer line is dedicated for acid waste, and a second for caustic waste. Both are two-inch-diameter pipes. The acid waste lines are constructed of PVDF; the caustic lines are constructed of polypropylene (PP).

TA-55 and RLWTF personnel coordinate batch transfers of transuranic RLW. Once a transfer is coordinated, a batch of known volume, typically less than 100 gallons, is transferred through the collection system, flowing by gravity to the transuranic (TRU) influent storage tanks in Building 50-66. Transuranic influent is not trucked.

T2. TRANSURANIC INFLUENT STORAGE

Two influent storage tanks are located in Building 50-66, one for acid material (~3,900 gallons) and the other for caustic material (~3,000 gallons). Each tank has enough capacity to hold more than one year of transuranic influent. Both tanks are cylindrical, cone-bottomed tanks, and each has a mixer and a high efficiency particulate air (HEPA) filtered vent. The sump in Building 50-66 has a leak detection probe that communicates to the RLWTF operations center.

T3. TRANSURANIC TREATMENT

Acid or caustic material is pumped from Building 50-66 into TK1 in Room 60. Acid material is neutralized by mixing with liquid sodium hydroxide (nominal 25%); other chemicals (ferric sulfate or polymer) may be added to promote particle growth. Caustic material requires less sodium hydroxide, and is also treated with ferric sulfate, magnesium sulfate, calcium chloride, or polymer that will promote particle growth. Solids that form in the reaction tank TK1 are allowed to settle, and are then pumped to the solids storage tank, TK-7A. Supernatant is pumped through a pressure filter into the effluent storage tank, TK3.

T4. TRANSURANIC SOLIDS

Solids collect in TK-7A, a 900-gallon carbon steel tank in Room 60. In order to facilitate particle growth, TK-7A may first be seeded with solids from a previous treatment campaign. Excess water is then decanted from TK-7A, and transferred to the effluent storage tank, TK3. Solids remaining in TK-7A are added to drums containing cement, zeolite and sodium silicate, then tumbled and allowed to cure. After curing, drums of cemented solids are transported to a storage facility at TA-63 to await shipment to and disposal at Waste Isolation Pilot Plant (WIPP) as a solid transuranic waste.

T5. TRANSURANIC EFFLUENT

Effluent from the transuranic treatment process is collected in TK3 in Room 60, a 1,000-gallon, horizontal fiberglass tank. Having been treated, effluent is no longer transuranic waste. Effluent is not clean enough, however, to be discharged to the environment. Instead, the effluent receives additional treatment through the low-level process.

SECONDARY TREATMENT PROCESSES

The secondary process treats wastes from the primary and transuranic treatment lines. It consists of a vacuum filter to treat solids from the main process, a secondary reverse osmosis unit to treat reverse osmosis concentrate from the main process and/or effluent from the transuranic process, and a bottoms disposal step. Wastes from secondary treatment process are disposed as low-level radioactive solid waste.

S1. SECONDARY REVERSE OSMOSIS

The secondary reverse osmosis unit reduces the volume of secondary radioactive liquid waste that must be shipped offsite to a subcontractor for further treatment. Feed to the unit consists of either concentrate from primary reverse osmosis or treated transuranic RLW. Treatment at the S1 unit splits the feed stream into two streams. Permeate is sent to the main treatment process for additional treatment; concentrate is sent to storage tanks in Building 50-248 to await shipment as bottoms.

The S1 unit is capable of producing 10 gpm permeate with 70% recovery; it has a maximum operating pressure of 1,000 pounds per square inch. The unit contains nine commercially available high-rejection membranes (8 inch by 40 inch), within three fiberglass pressure vessels.

S2. VACUUM FILTER

Solids from the microfilter (or pressure filters) are separated from water and then disposed as low-level radioactive solid waste. This solids filtration operation includes the TK8 storage tank (capacity of 8,000 gallons) in Room 61 and a rotary vacuum filter in Room 116. The solids contain more than 90% of the radioactivity present in low-level influent. Solids do not contain hazardous chemical constituents above RCRA limits, and are disposed as low-level radioactive waste.

S3. BOTTOMS STORAGE

RLWTF bottoms are stored in tanks in Building 50-248 until shipped to a commercial waste treatment facility using a commercial tanker truck. Shipments typically range from 4,000 - 5,000 gallons each. The commercial waste treatment facility processes bottoms to a solid form, and disposes of the solids as low-level radioactive waste at a DOE or commercial disposal site.

TABLE 2: VESSEL INFORMATION FOR RLWTF TREATMENT UNITS

Treatment Unit		Vessel(s)	Location	Vessel		Secondary Containment				
				Capacity	Category	Material	Structure	Material	Leak Detection	
Main Treatment:	M1	Collection system	Piping (~ 4 miles) Vaults (63)	Six TAs Six TAs	---	Inground	Polyethylene	Pipe	Polyethylene	63 alarms
	M2	Influent storage	WMRM tanks (2) Xfer piping	50-250-003 50-250-004	---	Inground	Concrete	Floor	Concrete	63 alarms
	M3	Emergency influent storage	Xfer pump room WMRM tanks (4)	50-250-001 50-250-003	50,000 ea.	Aboveground	Fiberglass	Pipe	Concrete	250_SMP3
	M4	Reaction Tanks	TK71, TK72	50-01-70	10,000 ea.	Aboveground	Polyethylene	Floor	Polyethylene	250_Inf, 250_Eff
	M5	Microfilter	Filter	50-01-70	---	Aboveground	Steel	Floor	Concrete	PLC250_SMP1
	M6	Pressure filters	Concentrate tank Cleaning tanks (2) Filters (3)	50-01-70 50-01-63	500 400 300	Onground	Polyethylene	Floor	Concrete	250_SMP3
	M7	Perchlorate ion exchange	IX vessels (8) TK09	50-01-16 50-01-62	400 10,000	Aboveground	Fiberglass	Floor	Concrete	RUF_71A_A1
	M8	Primary reverse osmosis	R72 RO unit R72 CIP tank M8 RO unit M8 CIP tank	50-01-72 50-01-72 50-01-36 50-01-36	40 500 60 300	Aboveground	Steel	Floor	Concrete	ID
	M9	Reserved								
	M10	Effluent storage	N.Frac, S.Frac*	50-01-34B	20,000	Aboveground	Polyethylene	Floor	Concrete	RUF_71A_A1
	M11	Effluent evaporator	----	50-257	1,200	Aboveground	Steel	Floor	Concrete	RUF_71A_A1
M11	Solar evaporation	E.Tank, W.Tank	TA52	380,000	Inground	Polyethylene	Liner	Concrete	ID	
M11	NPDES Outfall #051	----	Canyon	---	Inground	Fiberglass	---	---	ID	
Transuranic:	T1	TRU Collection system	Piping (~1 mile) Vaults (1)	TA50, TA55 50-201	---	Inground	Polyethylene	Pipe	PVDF, PP	CTL_WM57_A1
	T2	TRU Influent storage	Acid tank Caustic tank	50-66 50-66	3,900 3,000	Aboveground	Concrete	Floor	Concrete	CTL_WM57_A1
	T3	TRU Treatment	TK1 TK2	50-01-60 50-01-60	900 800	Aboveground	Steel	Floor	Concrete	CTL_WM66_A4
	T4	TRU Solids	TK-7A	50-01-60A	900	Aboveground	Steel	Floor	Concrete	ID
	T5	TRU Effluent	TK3	50-01-60	1,000	Aboveground	Fiberglass	Floor	Concrete	ID

* Note: The S. Frac Tank has been removed from the facility in accordance with DP-1132, Condition No. 14. Two replacement effluent tanks are being installed at the facility for future use.

TABLE 2: VESSEL INFORMATION FOR RLWTF TREATMENT UNITS (CONTINUED)

Treatment Unit	Vessel(s)	Location	Vessel		Secondary Containment		
			Capacity	Category	Material	Structure	Material
S1 Secondary reverse osmosis	RO vessel TK25 TK73	50-01-24	10	Aboveground	Fiberglass	Floor	Concrete
		50-01-24	300	Aboveground	Polyethylene	Floor	Concrete
		50-01-70	3,700	Aboveground	Steel	Floor	Concrete
S2 Vacuum filter	Vacuum filter TK14, TK15 TK08	50-01-116	150	Aboveground	S.Steel	Floor	Concrete
		50-01-116	800	Aboveground	Steel	Floor	Concrete
		50-01-61	8,000	Aboveground	Steel	Floor	Concrete
S3 Bottoms storage	TK-NE, SE, SW, NW 3K tank 17K tank	50-248	20,000 ea.	Aboveground	Steel	Floor	Concrete
		50-248	3,000	Aboveground	Steel	Floor	Concrete
		50-02	17,000	Aboveground	Steel	Floor	Concrete

Notes:

1. Location: Technical Area-Bldg-Room
2. Vessel category per definition CC of DP-1132: Aboveground, On-ground, In-ground.
3. Collection systems: Each access vault is equipped with a sump and leak detection probe-alarm
4. Leak detection: ID means in design, as committed in LANL correspondence EPC-DO-18-402, 11-19-2018.

Attachment 12

Groundwater Flow Direction Report

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026

DP-1132 Condition No. 32: 2025 Groundwater Flow Direction Report

Overview

Los Alamos National Laboratory (LANL) is underlain by a thick zone of primarily unsaturated volcanic and sedimentary materials. Groundwater beneath the Pajarito Plateau occurs in three modes: (1) water in the near-surface sediments in the bottoms of some canyons (alluvial groundwater), (2) water in porous rock layers underlain by a more solid rock layer and therefore perched above the regional aquifer (perched-intermediate groundwater), and (3) the regional aquifer in the saturated Santa Fe Group sediments.

Alluvial Groundwater

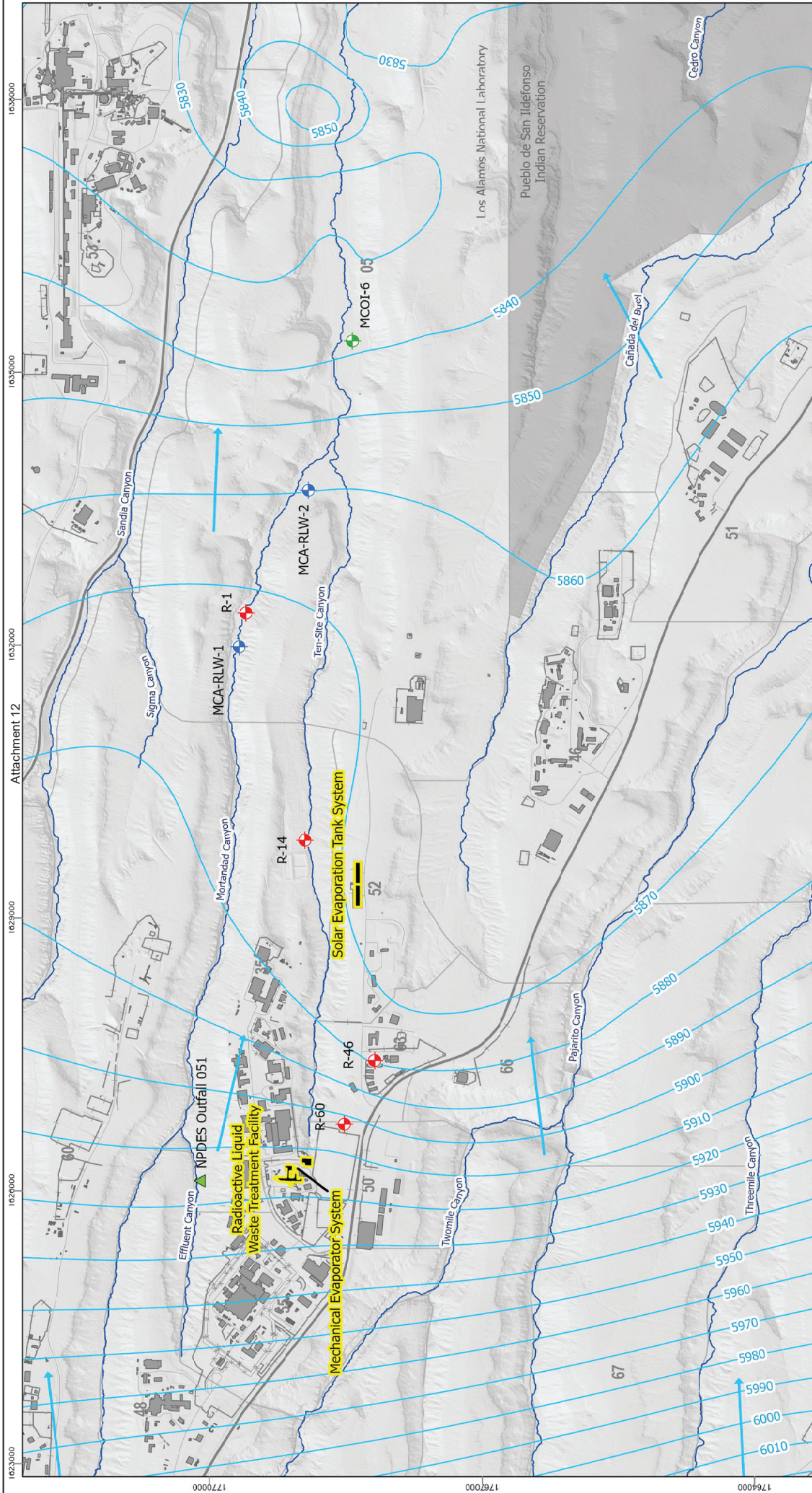
- Alluvial groundwater is a limited area of saturated rocks and sediments directly below canyon bottoms. Surface water percolates through the alluvium until the downward flow is disrupted by less permeable rock layers, resulting in shallow perched bodies of groundwater. Most of the canyons on the Pajarito Plateau have infrequent surface water flow and, therefore, little, or no alluvial groundwater.
- Two alluvial wells (MCA-RLW-1 and MCA-RLW-2) were installed in 2019 in Mortandad Canyon for groundwater monitoring associated with DP-1132. MCA-RLW-1 was dry during installation, while MCA-RLW-2 showed limited water during installation.
- MCA-RLW-1 did not have sufficient water to enable collection of a sample in 2020 - 2024. This well was visited quarterly in 2025, and similar to previous years, did not have enough water present to collect a sample.
- MCA-RLW-2 did not have sufficient water to enable collection of a sample in 2020 or 2021. Sufficient water at MCA-RLW-2 was present in the fourth quarter of 2022 and quarterly and annual samples were collected. However, in 2023 - 2025, sufficient water was not present to enable sample collection.

Perched-Intermediate Aquifer

- Perched-intermediate groundwater occurs within the lower part of the Bandelier Tuff and within the underlying Puye Formation and Cerros del Rio basalt beneath some canyons. These intermediate-depth groundwater zones are formed in part by water moving downward from alluvial groundwater until the water reaches another relatively impermeable rock layer. Depths of the perched-intermediate groundwater zones vary across the Pajarito Plateau, but the depth to perched-intermediate groundwater beneath Mortandad Canyon is approximately 500 to 750 feet. Perched-intermediate groundwater monitoring well MCOI-6 is monitored in accordance with DP-1132. The groundwater-surface elevation recorded at MCOI-6 during 2025 quarterly sample events ranged from 6,136.5 to 6,137.8 feet above mean sea level with corresponding depths to water of 674.6 and 672.1 feet below ground surface, respectively.

Regional Aquifer

- The regional aquifer beneath LANL is a complex hydrogeological system comprised primarily of saturated sands and gravels that provide the water supply for Los Alamos County and LANL. The uppermost water levels in the regional aquifer (known as the water table) are predominantly under phreatic conditions. The regional aquifer generally flows east or southeast and occurs at depths ranging from approximately 1,200 feet below ground surface along the western edge of the Pajarito Plateau to approximately 600 feet below ground surface along the eastern edge. The groundwater flow velocity varies but is typically around 30 feet per year.
- Groundwater flow directions and fluxes that control groundwater flow and transport in the aquifer are largely dictated by the shape of the regional water table. The general shape of the regional water table beneath Pajarito Plateau is predominantly controlled by the areas of regional recharge to the west (the flanks of Sierra de los Valles and the Pajarito fault zone) and regional discharge to the east (the Rio Grande and the White Rock Canyon Springs). The regional aquifer is separated from alluvial and perched-intermediate groundwater by layers of unsaturated tuff, basalt, and sediment with generally low moisture content.
- At more local scales, the structure of the regional phreatic flow is also expected to be influenced by (1) local infiltration zones (e.g., beneath canyons); (2) heterogeneity and anisotropy in the aquifer properties; and (3) discharge zones (municipal water-supply wells, springs). Injection and extraction wells within the chromium contamination area also influence groundwater flow. A long-term water level decline of about 0.5-1 foot per year is observed in the regional aquifer beneath the Pajarito Plateau. The decline may reflect long-term changes in aquifer recharge and discharge conditions (including water-supply pumping).
- A groundwater elevation contour map has been prepared only for the regional aquifer due to the discontinuous nature of alluvial and perched-intermediate groundwater beneath the Pajarito Plateau. Because of the long-term declines and pumping transients described above, the water-level data and the respective water-table maps are time-dependent and representative of specific periods of time. The attached water-table map (Attachment 12, Figure 1) includes regional groundwater contours included in the Monitoring Year 2026 Interim Facility-Wide Groundwater Monitoring Plan.
- In 2025, the regional groundwater elevation recorded during sampling events for DP-1132 ranged from 5,871.5 feet above mean sea level at R-1 to 5,906.2 feet above mean sea level at R-60 with corresponding depths to water of 1,009.7 and 1,322 feet below ground surface, respectively.



Map #18-127-08,
 Updated by Ben Sutter, WE-GIS
 Updated Dec. 16, 2025
 State Plane Coordinate System
 New Mexico, Central Zone, US Feet
 NAD 1983 Datum

- NPDES Outfall 051
 Alluvial Well
 Intermediate Well
 Regional Well

Important/Key Structure
 Watercourse
 Regional Water Table

Elevation (feet above mean sea level)
 Regional Groundwater Flow Direction



Attachment 13

Water Tightness Test Report

EPC-DO: 25-384

LA-UR-26-20300

Date: January 28, 2026

WATER TIGHTNESS TEST REPORT

Radioactive Liquid Waste Treatment Facility Effluent to Outfall 051

J.P. Hernandez-Quintero
June 2025

Purpose

This report documents the water tightness testing of the single-walled pipe that sends treated water (effluent) from the Radioactive Liquid Waste Treatment Facility to Outfall 051 in Mortandad Canyon.

Requirements

The New Mexico Environment Department (NMED) is one regulator of activities at the RLWTF; NMED requirements are set forth in Ground Water Discharge Permit DP-1132. Condition 8 of DP-1132 has the following requirements:

- LANL shall demonstrate that each unit.... without secondary containment is not leaking and is otherwise fit for use. To make the demonstration, LANL shall conduct both a visual test and a quantifiable test, as applicable.
- The quantifiable assessment for piping shall be determined through passive testing for leakage exfiltration and infiltration.
- Prior to testing for infiltration, the conveyance lines shall be isolated and evacuated.
- Prior to testing for exfiltration, the conveyance lines shall be isolated and filled with water to a level that produces, at minimum, two feet of hydrologic head above the uppermost point of the section being tested.
- Infiltration and exfiltration rate shall not exceed 50 gallons per mile per consecutive 24-hour period for any section of the piping.

Configuration

The pipeline for discharging effluent exits Building 50-01 Room 34B, runs through a trench where it then branches north to Outfall 051 in Mortandad Canyon. A portion of the pipeline branches to Building 50-02, where it dead ends. The outfall pipe follows the terrain of the land, rising approximately 20 feet over a length of 400 feet to its high point beneath Pecos Drive, then dropping approximately 115 feet over a length of 900 feet to Outfall 051. Piping is three-inch diameter carbon steel for the majority of its length, changing to six-inch-diameter carbon steel approximately 150-ft from the discharge end at Mortandad Canyon.

Testing Method

Testing is performed in accordance with Work document #818054-01. Testing is done for the entire length of the outfall piping, from Building 50-01 Room 34B to Outfall 051, not in segments. Procedural steps are as follows:

1. Install spool piece in Mortandad Canyon (i.e., plug for Outfall 051), and exfiltration tank at Pecos Road.
2. Document pre-test valve positions in Building 50-02, and between Building 50-02 and Outfall 051.
3. Perform exfiltration test.
4. Perform infiltration test.
5. Remove spool piece and exfiltration tank.
6. Restore valve alignment to pre-test configuration.

For the exfiltration test, a collection tank and measuring tube were constructed at Pecos Road, which is the high point of the effluent line. The top of the tank was equipped with a measuring tube (2" diameter) of clear poly that enabled personnel (a) to confirm that the piping was filled with water, (b) to confirm that a minimum of two feet of head was established, and (c) to measure water loss over the 24-hour test period. The measuring tube also served as a vent for air displaced as the pipe was filled with water.

Valves were aligned to fill the piping with industrial water, and to vent air from within the piping. Pressure gauges were installed at the two low points in the line to assure that air bubbles had not formed, and the line was filled with water. The gauge in 50-02 registered 9 psig as expected for the approximate 21-foot elevation difference. The gauge at Outfall 051 registered 42 psig, as expected for the approximate 104-foot drop from Pecos Road to the outfall.

The test period was 24 hours, from 1246 on 06/02/2025 until 1246 on 06/03/2025. Water level in the measuring tube decreased 0.8 inches, which indicates a water loss of 0.01 gallons over

the 1300 feet of piping. Approximately 1.3 oz. of water was lost during the 24-hour exfiltration test. (Most likely, this water loss was caused by water contraction due to changes in ambient temperature.)

For the infiltration test, the exfiltration test water was drained at the low points: into Building 50-02, and into a tank at Outfall 051. Drain valves were then closed at both ends of the outfall pipe, i.e., in Building 50-02 and at the outfall in Mortandad Canyon.

The test period was 24 hours, from 0843 on 06/4/2025 until 0843 on 06/05/2025. Valves were opened at the end of the test period, and drain buckets were positioned at both low points to collect water. Total water drained from the 1300 feet of piping was 0.0 gallon.

Test Results

Water tightness testing of the single-walled pipe to Outfall 051 occurred on June 2nd through 5th 2025. Results are summarized in the below table:

	Exfiltration	Infiltration
Start Date	06/02/2025	06/04/2025
End Date	06/03/2025	06/05/2025
Duration (hrs)	24	24
Water loss-gain (gals)	0.01	0.0
Leakage rate (gals per day)	0.01	0.0
Leakage rate (GPD per mile) *	0.002	0.0
Requirement (GPD per mile)	<12	<12

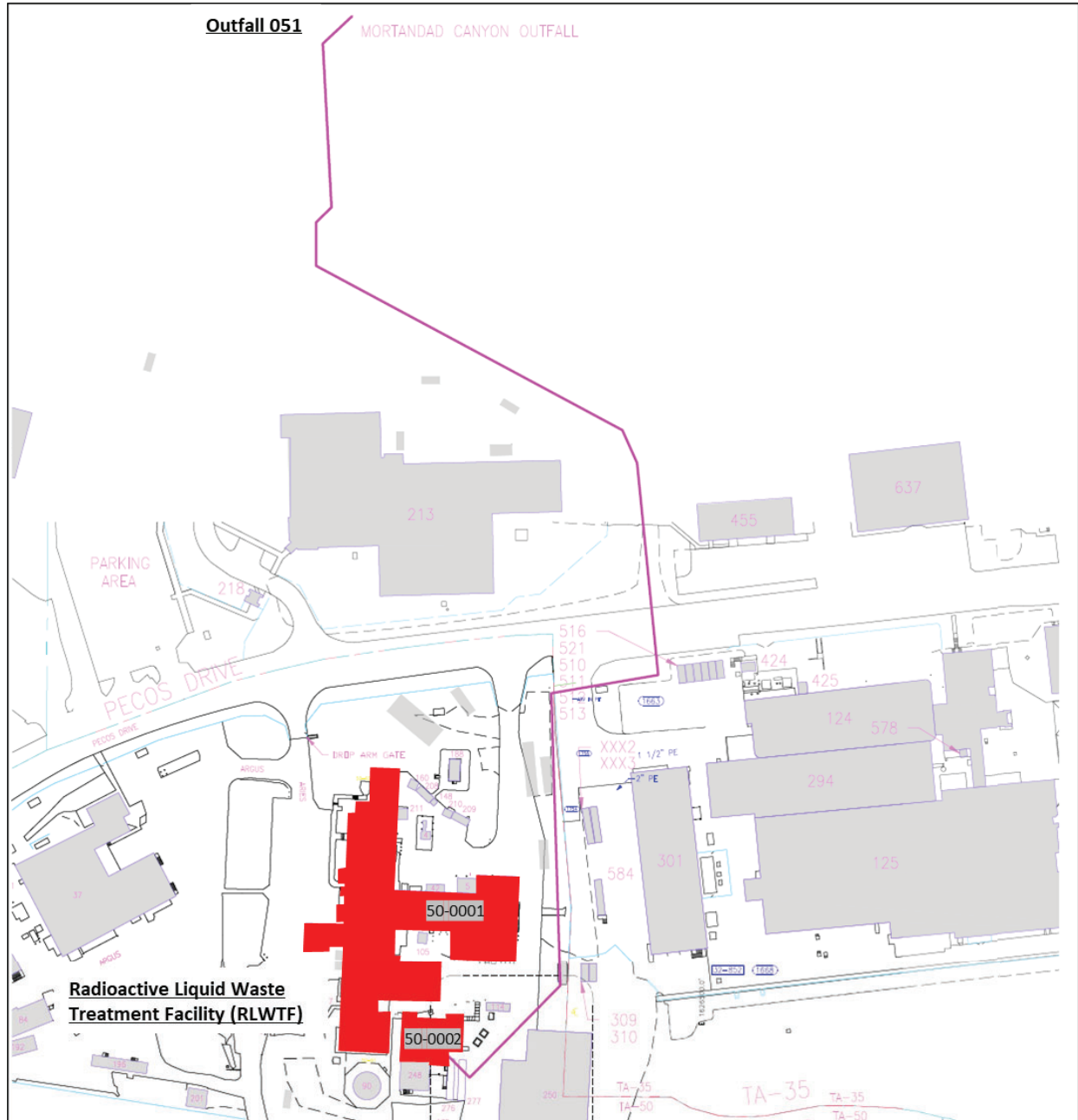
*Total length of outfall piping: ~1300 feet

Both tests, infiltration and exfiltration, demonstrated that the single-walled pipe for conveyance of effluent from the RLWTF to Outfall 051 has infiltration and exfiltration rates lower than the leak rate of 50 gallons per mile per 24-hour period required by DP-1132.

Attachments

A. Location Map for Effluent Pipe to Outfall 051

Attachment A. Location Map for Outfall 051



WATER TIGHTNESS TEST REPORT

Radioactive Liquid Waste Treatment Facility Effluent to Solar Evaporative Tank System

J.P. Hernandez-Quintero
June 2025

Purpose

This report documents the water tightness testing of the single-walled pipe that discharges treated water (effluent) from the Radioactive Liquid Waste Treatment Facility to the Solar Evaporative Tank System (SET).

Requirements

The New Mexico Environment Department (NMED) is one regulator of activities at the RLWTF; NMED requirements are set forth in Ground Water Discharge Permit DP-1132. Condition 8 of DP-1132 has the following requirements:

- LANL shall demonstrate that each unit.... without secondary containment is not leaking and is otherwise fit for use. To make the demonstration, LANL shall conduct both a visual test and a quantifiable test, as applicable.
- The quantifiable assessment for piping shall be determined through passive testing for leakage exfiltration and infiltration.
- Prior to testing for infiltration, the conveyance lines shall be isolated and evacuated.
- Prior to testing for exfiltration, the conveyance lines shall be isolated and filled with water to a level that produces, at minimum, two feet of hydrologic head above the uppermost point of the section being tested.
- Infiltration and exfiltration rate shall not exceed 50 gallons per mile per consecutive 24-hour period for any section of the piping.

Configuration

The pipeline for discharging effluent exits Building 50-01 Room 34B, elevation 7,250-ft, runs through a trench where it then branches South to SET in Structure 52-182 elevation 7,165-ft. A portion of the pipeline branches to Building 50-02, where it dead ends. Another separate branch connects 50-0261 to the pipeline. The SET line makes its way South through the trench beneath Aries Drive, it then continues underground along and around South of Building 50-0250. The SET line then continues the northern border of TA-52 where it follows the terrain of the land over a length of 4,692 feet to Structure 52-182. Total elevation change is 85-ft. Piping is three-inch diameter high density polyethylene (HDPE) from 50-0261 until it connects to the main discharge line where it then converts to four-inch diameter HDPE to the SET.

Testing Method

Testing is performed in accordance with Work document #822161-01. Testing is done for the entire length of the effluent piping, from Buildings 50-0261 and 50-01 Room 34B to SET.

Procedural steps are as follows:

1. Isolate line at Structure 52-182 (i.e., plug for SET), and exfiltration tank at 50-0261.
2. Document pre-test valve positions in Building 50-02, Structure 50-250, and between Building 50-02 and SET.
3. Install spool piece and exfiltration tank
4. Perform exfiltration test.
5. Perform infiltration test.
6. Remove spool piece and exfiltration tank.
7. Restore valve alignment to pre-test configuration.

For the exfiltration test, a collection tank and measuring tube were constructed at 50-0261, which at 7,255-ft, is the high point of the effluent line. The top of the tank was equipped with a measuring tube (2" diameter) of clear poly that enabled personnel (a) to confirm that the piping was filled with water, (b) to confirm that a minimum of two feet of head was established, and (c) to measure water loss over the 24-hour test period. The measuring tube also served as a vent for air displaced as the pipe was filled with water. Valves were aligned to fill the piping with industrial water, and to vent air from within the piping.

The test period was 24 hours, from 1400 on 06/09/2025 until 1400 on 06/10/2025. Water level in the measuring tube dropped 7.3 inches, which indicates a water loss of 0.1 gallon over the 4,692 feet of piping. Approximately 12.8 oz. of water was lost during the 24-hour exfiltration test. (Most likely, this water loss was caused by water expansion due to changes in ambient temperature.)

For the infiltration test, the exfiltration test water was drained at the low points: into Building 52-182, and into a tank at SET. Drain valves were then closed at both ends of the SET pipe, i.e., in Building 50-0261, Building 50-02, and at the SET.

The test period was > 24 hours, from 1057 on 06/11/2025 until 1057 on 06/12/2025. Valves were opened at the end of the test period, and drain buckets were positioned at both low points to collect water. Total water drained from the 4,692 feet of piping was 5 gallons.

Test Results

Water tightness testing of the single-walled pipe to SET occurred on June 9th through 12th 2025. Results are summarized in the below table:

	Exfiltration	Infiltration
Start Date	06/09/2025	06/11/2025
End Date	06/10/2025	06/12/2025
Duration (hrs)	24	>24
Water loss-gain (gals)	0.1	5
Leakage rate (gals per day)	0.1	5
Leakage rate (GPD per mile) *	0.09	4.4
Requirement (GPD per mile)	<44	<44

*Total length of SET piping: ~4,692 feet

Both tests, infiltration and exfiltration, demonstrated that the single-walled pipe for conveyance of effluent from the RLWTF to SET has infiltration and exfiltration rates lower than the leak rate of 50 gallons per mile per 24-hour period required by DP-1132.

Attachments

A. Location Map for Effluent Pipe to SET

Attachment A. Location Map for SET

