ESHID-603955

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Symbol: EPC-DO: 26-077
Date: April 29 2026
LA-UR: 26-23000
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, First Quarter 2026

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 Number (No.) 24, NNSA and Triad are required to submit a quarterly monitoring report by May 1, 2026. The following permit conditions are addressed in Attachments 1 through 6 of this report.

- 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 (Affiliate)

Digitally signed by SARAH HOLCOMB (Affiliate)
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Sarah S. Holcomb
Group Leader
Environmental Compliance Programs
Triad National Security, LLC

Sincerely,

ROBERT GALLEGOS

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Date: 2026.04.28 09:37:33 -06'00'

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

Attachment:
Attachment 1 RLWTF Monitoring Report – First Quarter 2026
Attachment 2 Quarterly Summary of Maintenance and Repair Activities Conducted at the RLWTF
Attachment 3 RLWTF Daily Influent and Effluent Volumes
Attachment 4 Treated Effluent Sampling Results
Attachment 5 Groundwater Monitoring Report – First Quarter 2026
Attachment 6 Monitoring Well Location Map

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Attachment 1

RLWTF Monitoring Report – First Quarter 2026

EPC-DO: 26-077

LA-UR-26-23000

Date:April 29, 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 by May 1, 2026, for the monitoring period of January 1, 2026, through March 31, 2026 (first quarter). The following permit conditions are addressed in Attachments 1 through 6 of this report.

- Quarterly Monitoring Report
  - 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. 36: Groundwater Monitoring
  - Condition No. 41: Stabilization of Specific Units and Systems that have Ceased

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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 first quarter 2026 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 first quarter of 2026.

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 first quarter 2026 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 first quarter 2026 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 first quarter 2026 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 first quarter 2026 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 January, February, and March. 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 January 21st. 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 February 3rd and March 11th. 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 first quarter of 2026 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 first quarter of 2026. Therefore, no effluent sampling from the NPDES Outfall 051 was completed during the first quarter 2026 monitoring period.

- **SET Sampling.** No treated effluent was discharged to the SET during the first quarter of 2026. Therefore, no effluent sampling from the SET was completed during the first quarter 2026 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 first quarter 2026 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 first quarter with quarterly monitoring completed in January and February 2026.

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 January 14, 2026.

  Sample results from MCOI-6 for TKN, NO_3+NO_2-N, TDS, Cl, F, and ClO_4 are provided in **Attachment 5, Table 1**. These samples were submitted to GEL Laboratories, LLC for

analysis. All results from the January 14, 2026, 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:

- NO_3+NO_2-N was detected at a concentration of 14.9 mg/L. The 20.6.2.3103 NMAC standard for NO_3-N is 10 mg/L. The average NO_3+NO_2-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 NO_3+NO_2-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 NO_3+NO_2-N in accordance with DP-1132 and pursuant to the Compliance Order on Consent (Consent Order).

- ClO_4 was detected at a concentration of 142 µg/L. The 20.6.2.7.T NMAC guidance for ClO_4 is 13.8 µg/L. The average ClO_4 concentration at MCOI-6 during the 5-yr period from 2021 through 2025 was 113 µg/L. Detections of ClO_4 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 ClO_4 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 January 12, 2026.

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.
- Additional planning efforts were completed during the first quarter of 2026 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.

Attachment 2

Quarterly Summary of Maintenance and Repair Activities Conducted at the RLWTF

EPC-DO: 26-077

LA-UR-26-23000

Date: April 29, 2026

DP-1132 Report: First Quarter 2026 RLWTF Maintenance

			Task Type					
Structures	**Description**	**Built**	**PM**	**CO**	**MD**	**SR**	**UP**	**Total**
Building 1	Original treatment bldg.	1963	32	6	2	1	0	41
Building 2	Original influent storage bldg.	1963	2	2	0	0	0	4
Building 66	TRU influent storage	1982	0	0	0	0	0	0
Building 90	100K Influent Storage tank	1982	0	0	0	0	0	0
Building 248	Low-level bottoms storage	1996	3	0	0	0	0	3
Building 250	Low-level influent storage	2009	13	1	1	0	0	15
Building 257	Mechanical Evaporator System	2010	2	0	0	0	0	2
TA52	Solar Evaporation Tank	2011	9	0	0	0	0	9
	Totals		61	9	3	1	0	74

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

DP-1132 Report: First Quarter 2026 RLWTF Maintenance

TA-50-0001 Work Completion Report (01-01-2026 to 03-31-2026)

Unit	Work Order	WO	WO Type	Task Title
500001	00801970	01	CO	500001 TROUBLE SHOOT AND REPAIR CA-004
500001	00834293	01	CO	500001 REPOSITION CTO-3 IN RLWTF ROOM 34B
500001	00842785	01	CO	500001 REPAIR OR REPLACE 70-MCRFLT-V12 ON MICRO-FILTER
500001	00847660	01	CO	500001 REPAIR & REPLACE VALVES AND COMPONENTS ON RO SYSTEM
500001	00847681	01	CO	500001 REPAIR REPLACE LEAK ON CFT-004
500001	00847965	01	CO	500001 MICRO FILTER BACKPULSE LINE IS LEAKING
500001	00495957	01	MD	500001 MICRO FILTER SAMPLE STATION
500001	00640706	01	MD	500001 INSTALL NEW RLW EFFLUENT PIPING AND PERFORM PMT
500001	00761484	01	PM	500001 ELECTRICAL EQUIPMENT 7YR PM GROUP 2
500001	00816890	01	PM	TA-50 FCP 1YR PM, FUNCTIONALITY TESTING PM
500001	00836195	01	PM	500001 EH-001 1YR PM, ELEVATOR MECH/ELECT THYSSEN-KRUPP
500001	00838005	01	PM	500001 (6M) PH ANALYZER VERIFICATION (RM 24)
500001	00838007	01	PM	500001 LUBE 6MO PM, HEATING & VENTILATION (MECHANICAL) 5 EA
500001	00838008	01	PM	500001 (6M) PH ANALYZER VERIFICATION (VARIOUS)
500001	00838264	01	PM	50-0001 (M) AED
500001	00838293	01	PM	50-1 FEXT (1M) PM
500001	00838301	01	PM	50-0001 BHW 1MO PM (2 EA)
500001	00838333	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00839058	01	PM	500001 MICROFILTER 3 MONTH PUMP MAINTENANCE
500001	00839345	01	PM	50-1 PDI (A) CAL VERIFICATION
500001	00841633	01	PM	500001 HWG 1YR PM, HOT WATER HEATERS, 3 EA
500001	00841634	01	PM	50-1 RIGGING EQUIPMENT/HARDWARE: 1-YR PM (CERTIFICATION)
500001	00841638	01	PM	500001 (A) MANLIFT JGL/GENIE INSPECTION
500001	00841639	01	PM	50-1 RM 36 ANNUAL PRO/HWE CIRCULATION HEATER
500001	00841975	01	PM	500001 CA-4 (3 MONTH) AIR COMPRESSOR PM
500001	00841977	01	PM	500001 ASE 3MO PM, EXHAUST STACK PUMP
500001	00842006	01	PM	50-0001 BHW 1MO PM (2 EA)
500001	00842020	01	PM	500001 LTET 1MO PM
500001	00842023	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00842036	01	PM	50-0001 (M) AED
500001	00842055	01	PM	500001 LTE 1 MO PM
500001	00843564	01	PM	500001 LTE 1 MO PM
500001	00843566	01	PM	500001 LTET 1MO PM
500001	00843576	01	PM	50-1 FEXT (1M) PM
500001	00843583	01	PM	50-0001 BHW 1MO PM (2 EA)

DP-1132 Report: First Quarter 2026 RLWTF Maintenance

TA-50-0001 Work Completion Report (01-01-2026 to 03-31-2026)

Unit	Work Order	WO	WO Type	Task Title
500001	00843587	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00843615	01	PM	50-0001 (M) AED
500001	00844621	01	PM	50-1 DRUM TUMBLER (A) PM
500001	00844624	01	PM	50-1 SPW/SPH (6M) FIRE SUPPRRESSION SYSTEMS PM
500001	00844625	01	PM	500001 FRKLFT 1YR PM, FORKLIFT (INSPECTIONS)
500001	00765293	01	SR	500001 PROVIDE SUPPORT FOR ELECTRICAL BREAKER MAINTENANCE

DP-1132 Report: First Quarter 2026 RLWTF Maintenance

TA-50-0250 Work Completion Report (01-01-2026 to 03-31-2026)

Unit	Work Order	WO	WO Type	Task Title
500250	00805608	01	CO	50-0250 REPLACE WMRM INFLUENT TANK VENT FILTERS
500250	00807532	01	MD	500250 RDI SAMPLER BOX AND U BEND
500250	00838281	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00838282	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00838286	01	PM	500250 LTNT (M) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00838317	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00842067	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00842068	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00842071	01	PM	500250 LTNT (M) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00842073	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00843533	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00843568	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00843569	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00843572	01	PM	500250 LTNT (M) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00844622	01	PM	50-250 SPW (6M) PM

DP-1132 Report: First Quarter 2026 RLWTF Maintenance

TA-52-0181 Work Completion Report (01-01-2026 to 03-31-2026)

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

TA-52-0182 Work Completion Report (01-01-2026 to 03-31-2026)

Unit	Work Order	WO	WO Type	Task Title
520182	00838313	01	PM	520182 (M) FEXT PM
520182	00841970	01	PM	520182 (3M) SIGNAGE VERIFICATION FOR FENCE LINE
520182	00841972	01	PM	520182 (3M) FENCE LINE VERIFICATION
520182	00842022	01	PM	520182 (M) FEXT PM
520182	00842027	01	PM	520182 (M) EMERGENCY LIGHTS PM
520182	00842028	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00843604	01	PM	520182 (M) FEXT PM
520182	00843605	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00843606	01	PM	520182 (M) EMERGENCY LIGHTS PM

TA-52-0183 Work Completion Report (01-01-2026 to 03-31-2026)

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

DP-1132 Report: First Quarter 2026 RLWTF Maintenance

TA-50-0002 Work Completion Report (01-01-2026 to 03-31-2026)

Unit	Work Order	WO	WO Type	Task Title
500002	00812875	01	CO	50-0002 EVALUATE & REPAIR WM2-CA-001
500002	00842564	01	CO	500002 MEGGER/HYDROSTATIC PUMP TESTING
500002	00841668	01	PM	50-2 CA (6M) MECHANICAL PM
500002	00841674	01	PM	50-2 TCA (6M) AUTO DUMP PM

TA-50-0090 Work Completion Report (01-01-2026 to 03-31-2026)

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

TA-50-0066 Work Completion Report (01-01-2026 to 03-31-2026)

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

TA-50-0201 Work Completion Report (01-01-2026 to 03-31-2026)

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

TA-50-0248 Work Completion Report (01-01-2026 to 03-31-2026)

Unit	Work Order	WO	WO Type	Task Title
500248	00838006	01	PM	50-248 MIXERS: 6-MO PM (LUBRICATION)
500248	00841986	01	PM	500248 PUMPS 3MO PM
500248	00844626	01	PM	50-248 TK-3: 1-YR PM (VISUAL INSPECTION)

TA-50-0257 Work Completion Report (01-01-2026 to 03-31-2026)

Unit	Work Order	WO	WO Type	Task Title
500257	00844234	01	PM	50-257 EVAP BOILER (3M) PM
500257	00844623	01	PM	50-257 6MO EVAP FAN MECHANICAL PM

DP-1132 Report: First Quarter 2026 RLWTF Maintenance

Acronyms used by LANL Maintenance:

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

Attachment 3

RLWTF Daily Influent and Effluent Volumes

EPC-DO: 26-077

LA-UR-26-23000

Date: April 29, 2026

DP-1132 Report: First Quarter 2026
RLWTF Daily Influent and Effluent

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
Totals, 2026-Q1	339,844	243,803	0	0	2,287
Sub-total, Jan.	116,381	46,767	0	0	441
Sub-total, Feb.	103,440	91,794	0	0	1,344
Sub-total, Mar.	120,022	105,242	0	0	502

All flows are in Liters.

1-Jan	1,552	0	0	0	0
2-Jan	3,293	0	0	0	0
3-Jan	1,514	0	0	0	0
4-Jan	2,006	0	0	0	0
5-Jan	2,157	0	0	0	0
6-Jan	2,952	0	0	0	0
7-Jan	4,921	0	0	0	0
8-Jan	3,861	0	0	0	0
9-Jan	2,006	0	0	0	0
10-Jan	2,120	0	0	0	0
11-Jan	1,817	0	0	0	0
12-Jan	3,558	0	0	0	0
13-Jan	6,397	0	0	0	0
14-Jan	3,217	0	0	0	0
15-Jan	7,949	0	0	0	0
16-Jan	3,255	0	0	0	0
17-Jan	1,703	0	0	0	0
18-Jan	1,249	0	0	0	0
19-Jan	1,514	0	0	0	0
20-Jan	4,201	0	0	0	0
21-Jan	6,018	10,179	0	0	0
22-Jan	4,126	27,110	0	0	117
23-Jan	7,608	9,478	0	0	0
24-Jan	3,407	0	0	0	0
25-Jan	2,233	0	0	0	0
26-Jan	4,315	0	0	0	0
27-Jan	8,781	0	0	0	0
28-Jan	7,381	0	0	0	0
29-Jan	5,670	0	0	0	324
30-Jan	2,650	0	0	0	0
31-Jan	2,952	0	0	0	0

DP-1132 Report: First Quarter 2026
RLWTF Daily Influent and Effluent

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
1-Feb	1,703	0	0	0	0
2-Feb	4,164	12,801	0	0	0
3-Feb	6,245	30,817	0	0	0
4-Feb	1,431	11,185	0	0	0
5-Feb	3,179	0	0	0	1,344
6-Feb	5,753	0	0	0	0
7-Feb	1,893	0	0	0	0
8-Feb	1,552	0	0	0	0
9-Feb	4,769	0	0	0	0
10-Feb	6,435	0	0	0	0
11-Feb	6,283	0	0	0	0
12-Feb	3,671	0	0	0	0
13-Feb	2,309	0	0	0	0
14-Feb	1,741	0	0	0	0
15-Feb	1,476	0	0	0	0
16-Feb	1,211	0	0	0	0
17-Feb	7,233	0	0	0	0
18-Feb	3,936	0	0	0	0
19-Feb	3,520	8,732	0	0	0
20-Feb	2,763	15,579	0	0	0
21-Feb	1,741	12,680	0	0	0
22-Feb	7,154	0	0	0	0
23-Feb	3,255	0	0	0	0
24-Feb	3,293	0	0	0	0
25-Feb	8,403	0	0	0	0
26-Feb	4,769	0	0	0	0
27-Feb	2,271	0	0	0	0
28-Feb	1,287	0	0	0	0

DP-1132 Report: First Quarter 2026
RLWTF Daily Influent and Effluent

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
1-Mar	1,741	0	0	0	0
2-Mar	2,612	0	0	0	0
3-Mar	3,066	0	0	0	0
4-Mar	1,741	0	0	0	0
5-Mar	7,078	0	0	0	444
6-Mar	3,179	0	0	0	0
7-Mar	2,687	0	0	0	0
8-Mar	1,325	0	0	0	0
9-Mar	3,104	0	0	0	0
10-Mar	3,823	11,601	0	0	0
11-Mar	4,050	24,992	0	0	0
12-Mar	4,769	13,459	0	0	0
13-Mar	12,263	0	0	0	0
14-Mar	14,232	0	0	0	0
15-Mar	6,699	0	0	0	0
16-Mar	3,028	0	0	0	0
17-Mar	4,126	0	0	0	0
18-Mar	4,428	0	0	0	0
19-Mar	5,413	0	0	0	0
20-Mar	1,703	0	0	0	0
21-Mar	1,022	0	0	0	0
22-Mar	681	0	0	0	0
23-Mar	2,044	7,187	0	0	0
24-Mar	3,899	25,851	0	0	0
25-Mar	3,558	18,998	0	0	0
26-Mar	2,877	3,153	0	0	58
27-Mar	2,990	0	0	0	0
28-Mar	1,400	0	0	0	0
29-Mar	1,476	0	0	0	0
30-Mar	5,299	0	0	0	0
31-Mar	3,709	0	0	0	0

Attachment 4

Treated Effluent Sampling Results

EPC-DO: 26-077

LA-UR-26-23000

Date: April 29, 2026

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on January 21, 2026. 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-26-376787	RLWTF_MES	01/21/2026	107-02-8	Acrolein	1.67	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	1.67	0.0415
RLWTF-26-376787	RLWTF_MES	01/21/2026	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	1.67	0.523
RLWTF-26-376787	RLWTF_MES	01/21/2026	309-00-2	Aldrin	0.00723	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.00723	0.00198
RLWTF-26-376791	RLWTF_MES	01/21/2026	AL	Aluminum	19.3	ug/L	U	N	F	2026-298	REG	EPA:200.8	19.3	5,000
RLWTF-26-376787	RLWTF_MES	01/21/2026	120-12-7	Anthracene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	1,720
RLWTF-26-376791	RLWTF_MES	01/21/2026	SB	Antimony	1	ug/L	U	N	F	2026-298	REG	EPA:200.8	1	6
RLWTF-26-376787	RLWTF_MES	01/21/2026	12674-11-2	Aroclor-1016	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	1.4
RLWTF-26-376787	RLWTF_MES	01/21/2026	11104-28-2	Aroclor-1221	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	-
RLWTF-26-376787	RLWTF_MES	01/21/2026	11141-16-5	Aroclor-1232	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	-
RLWTF-26-376787	RLWTF_MES	01/21/2026	53469-21-9	Aroclor-1242	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	-
RLWTF-26-376787	RLWTF_MES	01/21/2026	12672-29-6	Aroclor-1248	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	-
RLWTF-26-376787	RLWTF_MES	01/21/2026	11097-69-1	Aroclor-1254	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	-
RLWTF-26-376787	RLWTF_MES	01/21/2026	11096-82-5	Aroclor-1260	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	-
RLWTF-26-376787	RLWTF_MES	01/21/2026	TOT AROCLOR	Total Aroclors for sum of all aroclors	0.0333	ug/L	U	N	UF	2026-298	REG	SW-846:8082A	0.0333	0.5
RLWTF-26-376791	RLWTF_MES	01/21/2026	AS	Arsenic	2	ug/L	U	N	F	2026-298	REG	EPA:200.8	2	10
RLWTF-26-376787	RLWTF_MES	01/21/2026	1912-24-9	Atrazine	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	3
RLWTF-26-376787	RLWTF_MES	01/21/2026	103-33-3	Azobenzene	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.78
RLWTF-26-376791	RLWTF_MES	01/21/2026	BA	Barium	0.67	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.67	2,000
RLWTF-26-376787	RLWTF_MES	01/21/2026	71-43-2	Benzene	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	92-87-5	Benzidine	4.12	ug/L	UJ	N	UF	2026-298	REG	SW-846:8270E	4.12	0.00109
RLWTF-26-376787	RLWTF_MES	01/21/2026	50-32-8	Benzo(a)pyrene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	0.2
RLWTF-26-376787	RLWTF_MES	01/21/2026	205-99-2	Benzo(b)fluoranthene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	0.343
RLWTF-26-376787	RLWTF_MES	01/21/2026	207-08-9	Benzo(k)fluoranthene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	3.43
RLWTF-26-376791	RLWTF_MES	01/21/2026	BE	Beryllium	0.2	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.2	4
RLWTF-26-376787	RLWTF_MES	01/21/2026	319-84-6	BHC[alpha-]	0.00723	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.00723	0.0693
RLWTF-26-376787	RLWTF_MES	01/21/2026	319-85-7	BHC[beta-]	0.00723	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.00723	0.243
RLWTF-26-376787	RLWTF_MES	01/21/2026	58-89-9	BHC[gamma-]	0.00723	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.00723	0.415
RLWTF-26-376787	RLWTF_MES	01/21/2026	111-44-4	Bis(2-chloroethyl)ether	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.137
RLWTF-26-376787	RLWTF_MES	01/21/2026	117-81-7	Bis(2-ethylhexyl)phthalate	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	55.6
RLWTF-26-376791	RLWTF_MES	01/21/2026	B	Boron	73	ug/L	NQ	Y	F	2026-298	REG	EPA:200.7	15	750
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	1.34
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-25-2	Bromoform	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	32.9
RLWTF-26-376787	RLWTF_MES	01/21/2026	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.337	7.54
RLWTF-26-376791	RLWTF_MES	01/21/2026	CD	Cadmium	0.3	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.3	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	57-74-9	Chlordane(alpha/gamma)	0.0831	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.0831	0.448
RLWTF-26-376791	RLWTF_MES	01/21/2026	CL(-1)	Chloride	0.178	mg/L	J	Y	F	2026-298	REG	EPA:300.0	0.067	250
RLWTF-26-376787	RLWTF_MES	01/21/2026	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	77.6
RLWTF-26-376787	RLWTF_MES	01/21/2026	67-66-3	Chloroform	3.78	ug/L	NQ	Y	UF	2026-298	REG	SW-846:8260D	0.333	100
RLWTF-26-376787	RLWTF_MES	01/21/2026	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	20.3
RLWTF-26-376791	RLWTF_MES	01/21/2026	CR	Chromium	3	ug/L	U	N	F	2026-298	REG	EPA:200.8	3	50
RLWTF-26-376791	RLWTF_MES	01/21/2026	CO	Cobalt	0.3	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.3	50
RLWTF-26-376791	RLWTF_MES	01/21/2026	CU	Copper	1.72	ug/L	J	Y	F	2026-298	REG	EPA:200.8	0.3	1,000
RLWTF-26-376791	RLWTF_MES	01/21/2026	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	UJ	N	F	2026-298	REG	EPA:335.4	0.00167	200
RLWTF-26-376787	RLWTF_MES	01/21/2026	50-29-3	DDT[4,4'-]	0.0109	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.0109	2.29
RLWTF-26-376787	RLWTF_MES	01/21/2026	84-74-2	Di-n-butylphthalate	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	885
RLWTF-26-376787	RLWTF_MES	01/21/2026	106-93-4	Dibromoethane[1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	0.05
RLWTF-26-376787	RLWTF_MES	01/21/2026	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	600
RLWTF-26-376787	RLWTF_MES	01/21/2026	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	75
RLWTF-26-376787	RLWTF_MES	01/21/2026	91-94-1	Dichlorobenzidine[3,3'-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	1.25
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.355	197
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	25
RLWTF-26-376787	RLWTF_MES	01/21/2026	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	7
RLWTF-26-376787	RLWTF_MES	01/21/2026	156-59-2	Dichloroethene[cis-1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	70
RLWTF-26-376787	RLWTF_MES	01/21/2026	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	100
RLWTF-26-376787	RLWTF_MES	01/21/2026	120-83-2	Dichlorophenol[2,4-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	45.3
RLWTF-26-376787	RLWTF_MES	01/21/2026	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	542-75-6	Dichloropropene[cis/trans-1,3-]	0.5	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.5	4.71
RLWTF-26-376787	RLWTF_MES	01/21/2026	60-57-1	Dieldrin	0.0109	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.0109	0.0175
RLWTF-26-376787	RLWTF_MES	01/21/2026	84-66-2	Diethylphthalate	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	14,800
RLWTF-26-376787	RLWTF_MES	01/21/2026	131-11-3	Dimethyl Phthalate	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	612
RLWTF-26-376787	RLWTF_MES	01/21/2026	534-52-1	Dinitro-2-methylphenol[4,6-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	1.52
RLWTF-26-376787	RLWTF_MES	01/21/2026	51-28-5	Dinitrophenol[2,4-]	5.28	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	5.28	38.7
RLWTF-26-376787	RLWTF_MES	01/21/2026	121-14-2	Dinitrotoluene[2,4-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	2.37
RLWTF-26-376787	RLWTF_MES	01/21/2026	606-20-2	Dinitrotoluene[2,6-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.485
RLWTF-26-376787	RLWTF_MES	01/21/2026	123-91-1	Dioxane[1,4-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	4.59
RLWTF-26-376787	RLWTF_MES	01/21/2026	122-39-4	Diphenylamine	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	122

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on January 21, 2026. 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-26-376787	RLWTF_MES	01/21/2026	959-98-8	Endosulfan I	0.00723	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.00723	98.7
RLWTF-26-376787	RLWTF_MES	01/21/2026	33213-65-9	Endosulfan II	0.0109	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.0109	98.7
RLWTF-26-376787	RLWTF_MES	01/21/2026	72-20-8	Endrin	0.0109	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.0109	2.23
RLWTF-26-376787	RLWTF_MES	01/21/2026	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	700
RLWTF-26-376787	RLWTF_MES	01/21/2026	206-44-0	Fluoranthene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	802
RLWTF-26-376787	RLWTF_MES	01/21/2026	86-73-7	Fluorene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	288
RLWTF-26-376791	RLWTF_MES	01/21/2026	F(-1)	Fluoride	0.0556	mg/L	J	Y	F	2026-298	REG	EPA:300.0	0.033	1.6
RLWTF-26-376787	RLWTF_MES	01/21/2026	76-44-8	Heptachlor	0.00723	ug/L	U	N	UF	2026-298	REG	SW-846:8081B	0.00723	0.0221
RLWTF-26-376787	RLWTF_MES	01/21/2026	118-74-1	Hexachlorobenzene	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.0976
RLWTF-26-376787	RLWTF_MES	01/21/2026	87-68-3	Hexachlorobutadiene	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	1.39
RLWTF-26-376787	RLWTF_MES	01/21/2026	77-47-4	Hexachlorocyclopentadiene	3.17	ug/L	UJ	N	UF	2026-298	REG	SW-846:8270E	3.17	0.411
RLWTF-26-376787	RLWTF_MES	01/21/2026	67-72-1	Hexachloroethane	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	3.28
RLWTF-26-376787	RLWTF_MES	01/21/2026	2691-41-0	HMX	0.0869	ug/L	U	N	UF	2026-298	REG	SW-846:8330B	0.0869	1,000
RLWTF-26-376791	RLWTF_MES	01/21/2026	FE	Iron	30	ug/L	U	N	F	2026-298	REG	EPA:200.7	30	1,000
RLWTF-26-376787	RLWTF_MES	01/21/2026	78-59-1	Isophorone	3.7	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.7	781
RLWTF-26-376791	RLWTF_MES	01/21/2026	PB	Lead	0.5	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.5	15
RLWTF-26-376791	RLWTF_MES	01/21/2026	MN	Manganese	2	ug/L	U	N	F	2026-298	REG	EPA:200.7	2	200
RLWTF-26-376787	RLWTF_MES	01/21/2026	HG	Mercury	0.067	ug/L	U	N	UF	2026-298	REG	EPA:245.2	0.067	2
RLWTF-26-376791	RLWTF_MES	01/21/2026	HG	Mercury	0.067	ug/L	U	N	F	2026-298	REG	EPA:245.2	0.067	2
RLWTF-26-376787	RLWTF_MES	01/21/2026	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	100
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-09-2	Methylene Chloride	0.63	ug/L	J	Y	UF	2026-298	REG	SW-846:8260D	0.5	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	90-12-0	Methylnaphthalene[1-]	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	30
RLWTF-26-376787	RLWTF_MES	01/21/2026	91-57-6	Methylnaphthalene[2-]	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	30
RLWTF-26-376791	RLWTF_MES	01/21/2026	MO	Molybdenum	0.2	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.2	1,000
RLWTF-26-376787	RLWTF_MES	01/21/2026	91-20-3	Naphthalene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	30
RLWTF-26-376791	RLWTF_MES	01/21/2026	NI	Nickel	0.6	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.6	200
RLWTF-26-376791	RLWTF_MES	01/21/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.78	mg/L	NQ	Y	F	2026-298	REG	EPA:353.2	0.017	10
RLWTF-26-376789	RLWTF_MES	01/21/2026	NO2-N	Nitrite as Nitrogen	0.152	mg/L	NQ	Y	F	2026-285	REG	EPA:300.0	0.033	1
RLWTF-26-376787	RLWTF_MES	01/21/2026	98-95-3	Nitrobenzene	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	1.4
RLWTF-26-376787	RLWTF_MES	01/21/2026	924-16-3	Nitroso-di-n-butylamine[N-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.0273
RLWTF-26-376787	RLWTF_MES	01/21/2026	55-18-5	Nitrosodiethylamine[N-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.00167
RLWTF-26-376787	RLWTF_MES	01/21/2026	62-75-9	Nitrosodimethylamine[N-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.00491
RLWTF-26-376787	RLWTF_MES	01/21/2026	930-55-2	Nitrosopyrrolidine[N-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	0.37
RLWTF-26-376787	RLWTF_MES	01/21/2026	108-60-1	Oxybis(1-chloropropane)[2,2'-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	9.81
RLWTF-26-376787	RLWTF_MES	01/21/2026	608-93-5	Pentachlorobenzene	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	3.07
RLWTF-26-376787	RLWTF_MES	01/21/2026	87-86-5	Pentachlorophenol	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	1
RLWTF-26-376787	RLWTF_MES	01/21/2026	CLO4	Perchlorate	0.05	ug/L	U	N	UF	2026-298	REG	SW-846:6850	0.05	13.8
RLWTF-26-376833	RLWTF_MES	01/21/2026	CLO4	Perchlorate	0.05	ug/L	U	N	UF	2026-298	FD	SW-846:6850	0.05	13.8
RLWTF-26-376787	RLWTF_MES	01/21/2026	355-46-4	Perfluorohexanesulfonic acid	0.586	ng/L	U	N	UF	2026-298	REG	EPA:537M	0.586	401
RLWTF-26-376787	RLWTF_MES	01/21/2026	1763-23-1	Perfluorooctanesulfonic acid	0.711	ng/L	U	N	UF	2026-298	REG	EPA:537M	0.711	60.2
RLWTF-26-376787	RLWTF_MES	01/21/2026	335-67-1	Perfluorooctanoic acid	0.711	ng/L	U	N	UF	2026-298	REG	EPA:537M	0.711	60.2
	RLWTF_MES	01/21/2026	pH	pH	7.1	SU								6-9
RLWTF-26-376787	RLWTF_MES	01/21/2026	85-01-8	Phenanthrene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	170
RLWTF-26-376787	RLWTF_MES	01/21/2026	108-95-2	Phenol	3.17	ug/L	UJ	N	UF	2026-298	REG	SW-846:8270E	3.17	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	1610-18-0	Prometon	3.17	ug/L	UJ	N	UF	2026-298	REG	SW-846:8270E	3.17	250
RLWTF-26-376787	RLWTF_MES	01/21/2026	129-00-0	Pyrene	0.317	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	0.317	117
RLWTF-26-376787	RLWTF_MES	01/21/2026	RA-226+228	Radium-226 and Radium-228	2.17	pCi/L	J	Y	UF	2026-298	REG	Generic:Radium by Calculation	-	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	121-82-4	RDX	0.0869	ug/L	U	N	UF	2026-298	REG	SW-846:8330B	0.0869	9.66
RLWTF-26-376791	RLWTF_MES	01/21/2026	SE	Selenium	1.5	ug/L	U	N	F	2026-298	REG	EPA:200.8	1.5	50
RLWTF-26-376791	RLWTF_MES	01/21/2026	AG	Silver	0.3	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.3	50
RLWTF-26-376787	RLWTF_MES	01/21/2026	100-42-5	Styrene	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	100
RLWTF-26-376791	RLWTF_MES	01/21/2026	SO4(-2)	Sulfate	0.215	mg/L	J	Y	F	2026-298	REG	EPA:300.0	0.133	600
RLWTF-26-376787	RLWTF_MES	01/21/2026	126-33-0	Sulfolane	3.17	ug/L	UJ	N	UF	2026-298	REG	SW-846:8270E	3.17	20
RLWTF-26-376787	RLWTF_MES	01/21/2026	95-94-3	Tetrachlorobenzene[1,2,4,5]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	1.66
RLWTF-26-376787	RLWTF_MES	01/21/2026	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	10
RLWTF-26-376787	RLWTF_MES	01/21/2026	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	5
RLWTF-26-376791	RLWTF_MES	01/21/2026	TL	Thallium	0.6	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.6	2
RLWTF-26-376787	RLWTF_MES	01/21/2026	108-88-3	Toluene	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	1,000
RLWTF-26-376791	RLWTF_MES	01/21/2026	TDS	Total Dissolved Solids	34	mg/L	NQ	Y	F	2026-298	REG	EPA:160.1	2.38	1,000
RLWTF-26-376791	RLWTF_MES	01/21/2026	TKN	Total Kjeldahl Nitrogen	7	mg/L	NQ	Y	F	2026-298	REG	EPA:351.2	0.132	-
RLWTF-26-376787	RLWTF_MES	01/21/2026	8001-35-2	Toxaphene (Technical Grade)	0.163	ug/L	UJ	N	UF	2026-298	REG	SW-846:8081B	0.163	0.158
RLWTF-26-376787	RLWTF_MES	01/21/2026	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	70
RLWTF-26-376787	RLWTF_MES	01/21/2026	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	0.2
RLWTF-26-376787	RLWTF_MES	01/21/2026	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	5
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	1,140
RLWTF-26-376787	RLWTF_MES	01/21/2026	95-95-4	Trichlorophenol[2,4,5-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	1,170

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on January 21, 2026. 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-26-376787	RLWTF_MES	01/21/2026	88-06-2	Trichlorophenol[2,4,6-]	3.17	ug/L	U	N	UF	2026-298	REG	SW-846:8270E	3.17	11.9
RLWTF-26-376787	RLWTF_MES	01/21/2026	118-96-7	Trinitrotoluene[2,4,6-]	0.0869	ug/L	U	N	UF	2026-298	REG	SW-846:8330B	0.0869	9.8
RLWTF-26-376791	RLWTF_MES	01/21/2026	U	Uranium	0.067	ug/L	U	N	F	2026-298	REG	EPA:200.8	0.067	30
RLWTF-26-376787	RLWTF_MES	01/21/2026	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	2
RLWTF-26-376787	RLWTF_MES	01/21/2026	1330-20-7	Xylene (Total)	1	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	1	620
RLWTF-26-376787	RLWTF_MES	01/21/2026	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.333	193
RLWTF-26-376787	RLWTF_MES	01/21/2026	XYLENE[M+P]	Xylene[1,3-]+Xylene[1,4-]	0.5	ug/L	U	N	UF	2026-298	REG	SW-846:8260D	0.5	386
RLWTF-26-376791	RLWTF_MES	01/21/2026	ZN	Zinc	3.3	ug/L	U	N	F	2026-298	REG	EPA:200.7	3.3	10,000

Notes:

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

[2] U - The analyte is classified as not detected
UJ - The analyte is classified as not detected, with an expectation that the reported result is 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

[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
FD - 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 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 have a 20.6.2.3103 NMAC standard or NMED Risk Assesment Guidance, Table A-1 Tap Water Limit
Groundwater Limit for combined naphthalene plus monomethlynaphthalenes is 30 µg/L, which represents the 20.6.2.3103 NMAC Groundwater Standard

Table 2. Analytical Results from Monthly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on February 3, 2026. Permit Condition No. 29.

Field Sample ID	Location ID	Sample Date	Parameter Code	Parameter Name	Report Result	Report Units	Validation Qualifier	Detected	Field Preparation Code	COC #	Sample Purpose	Lab Method	Report Method Detection Limit	Groundwater Limit
RLWTF-26-376602	RLWTF_MES	02/03/2026	CL(-1)	Chloride	0.067	mg/L	U	N	F	2026-316	REG	EPA:300.0	0.067	250
RLWTF-26-376602	RLWTF_MES	02/03/2026	F(-1)	Fluoride	0.0372	mg/L	J	Y	F	2026-316	REG	EPA:300.0	0.033	1.6
RLWTF-26-376602	RLWTF_MES	02/03/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.291	mg/L	NQ	Y	F	2026-316	REG	EPA:353.2	0.017	10
RLWTF-26-376599	RLWTF_MES	02/03/2026	CLO4	Perchlorate	0.05	ug/L	U	N	UF	2026-316	REG	SW-846:6850	0.05	13.8
RLWTF-26-376602	RLWTF_MES	02/03/2026	TDS	Total Dissolved Solids	19	mg/L	J	Y	F	2026-316	REG	EPA:160.1	2.38	1,000
RLWTF-26-376602	RLWTF_MES	02/03/2026	TKN	Total Kjeldahl Nitrogen	5.12	mg/L	NQ	Y	F	2026-316	REG	EPA:351.2	0.165	-

Notes:

[1] mg/L - milligrams per liter
ug/L - micrograms per liter

[2] U - 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

[3] N - In the Detected column means the analyte was not detected
Y - In the Detected column means the analyte was 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 Assesment Guidance, Table A-1 Tap Water Limit

Table 3. Analytical Results from Monthly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on March 11, 2026. 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-26-376613	RLWTF_MES	03/11/2026	CL(-1)	Chloride	0.125	mg/L	J	Y	F	2026-403	REG	EPA:300.0	0.067	250
RLWTF-26-376613	RLWTF_MES	03/11/2026	F(-1)	Fluoride	0.0337	mg/L	J	Y	F	2026-403	REG	EPA:300.0	0.033	1.6
RLWTF-26-376613	RLWTF_MES	03/11/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.357	mg/L	NQ	Y	F	2026-403	REG	EPA:353.2	0.017	10
RLWTF-26-376616	RLWTF_MES	03/11/2026	CLO4	Perchlorate	0.05	ug/L	U	N	UF	2026-403	REG	SW-846:6850	0.05	13.8
RLWTF-26-376613	RLWTF_MES	03/11/2026	TDS	Total Dissolved Solids	34	mg/L	NQ	Y	F	2026-403	REG	EPA:160.1	2.38	1,000
RLWTF-26-376613	RLWTF_MES	03/11/2026	TKN	Total Kjeldahl Nitrogen	7.44	mg/L	J	Y	F	2026-403	REG	EPA:351.2	0.132	-

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

Attachment 5

Groundwater Monitoring Report - First Quarter 2026

EPC-DO: 26-077
LA-UR-26-23000

Date: April 29, 2026

Quarterly Groundwater Monitoring Report – First Quarter 2026

TABLE OF CONTENTS

MCA-RLW-1, First Quarter 2026

a	Sample Date	1/12/2026
b	Sample Time	1501
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))	6,864.3
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 January 12, 2026, due to insufficient water in the well. The well only contained 0.1 ft of standing water.

MCA-RLW-2, First Quarter 2026

a	Sample Date	1/12/2026
b	Sample Time	1526
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 January 12, 2026, due to insufficient water in the well. The well only contained 0.49 ft of standing water.

MCOI-6, First Quarter 2026

a	Sample Date	1/14/2026
b	Sample Time	1133
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))	6,137.25
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)	29.4
i	Total volume of water purged prior to sample collection (gal)	125.95
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 7.46 Oxidation/Reduction Potential (MV): 161.1 Temp (deg C): 16.5 pH (SU): 7.32 Turbidity (NTU): 0.46 Specific Conductance (µS/cm): 529
k	Description of sample methods	Attachment 5 Page 5
l	Chain-of-Custody	Attachment 5 Page 5
m	Location Map	Attachment 6
	Analytical Results	Attachment 5 Page 6, Table 1

N3B SMO

Los Alamos NM

MCOI-6

Chain of Custody/Analysis Request

SCANNED

COC/Lab Request #: N3B-2026-917

Page 1 of 1

Client Contact:

Lab Agreement #:

Site Name: N3B LANL

Project Number:

Analysis Turnaround Time:

24 Hour - ☐ Other - ☐

7 Days - ☐

14 Days - ☐

21 Days - ☐

28 Days - ☒

Total # of bottles: 6

Event ID: 17471

Rad Screening Info:

Lab Reporting Limit Type: Method Detection Limit

Field Sample ID	Sample Date	Sample Time	Sample Matrix	EPA:350.1_NH3+353.2_NO3/NO2+365.4_PO4	EPA:351.2_TKN+SW-846:9060_TOC	EPA:SC_pH_TDS_Alk+SW-846:ClO4_Anions	SW-846:6020_As+Se+7470_Hg	SW-846:9012_CN(T)	SW-846:IFGMP_Metals
CAMO-26-380273	01/14/2026	11:33	W		1		1	1	
CAMO-26-380274	01/14/2026	11:33	W	1		1			1

Special Instructions:

Relinquished by: Nicholas Chahan	Print Name: Nicholas Chahan	Date/Time: 01/14/2026 1420	Received by: Renee Ortloff	Print Name: Renee Ortloff	Date/Time: 01/14/2026 1420
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:
Relinquished by:	Print Name:	Date/Time:	Received by:	Print Name:	Date/Time:

Table 1. Analytical Results from Quarterly Ground Water Sampling of Perched/Intermediate Monitoring Well MCOI-6 on January 14, 2026. 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-26-380274	MCOI-6	01/14/2026	CL(-1)	Chloride	45	mg/L	NQ	Y	F	N3B-2026-918	REG	SW-846:9056A	0.335	250
CAMO-26-380274	MCOI-6	01/14/2026	F(-1)	Fluoride	0.514	mg/L	NQ	Y	F	N3B-2026-918	REG	SW-846:9056A	0.033	1.6
CAMO-26-380274	MCOI-6	01/14/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	14.9	mg/L	NQ	Y	F	N3B-2026-918	REG	EPA:353.2	0.85	10
CAMO-26-380274	MCOI-6	01/14/2026	CLO4	Perchlorate	142	ug/L	NQ	Y	F	N3B-2026-918	REG	SW-846:6850	1	13.8
CAMO-26-380274	MCOI-6	01/14/2026	TDS	Total Dissolved Solids	358	mg/L	NQ	Y	F	N3B-2026-918	REG	EPA:160.1	2.38	1,000
CAMO-26-380273	MCOI-6	01/14/2026	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	UJ	N	UF	N3B-2026-918	REG	EPA:351.2	0.033	-

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

[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 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.

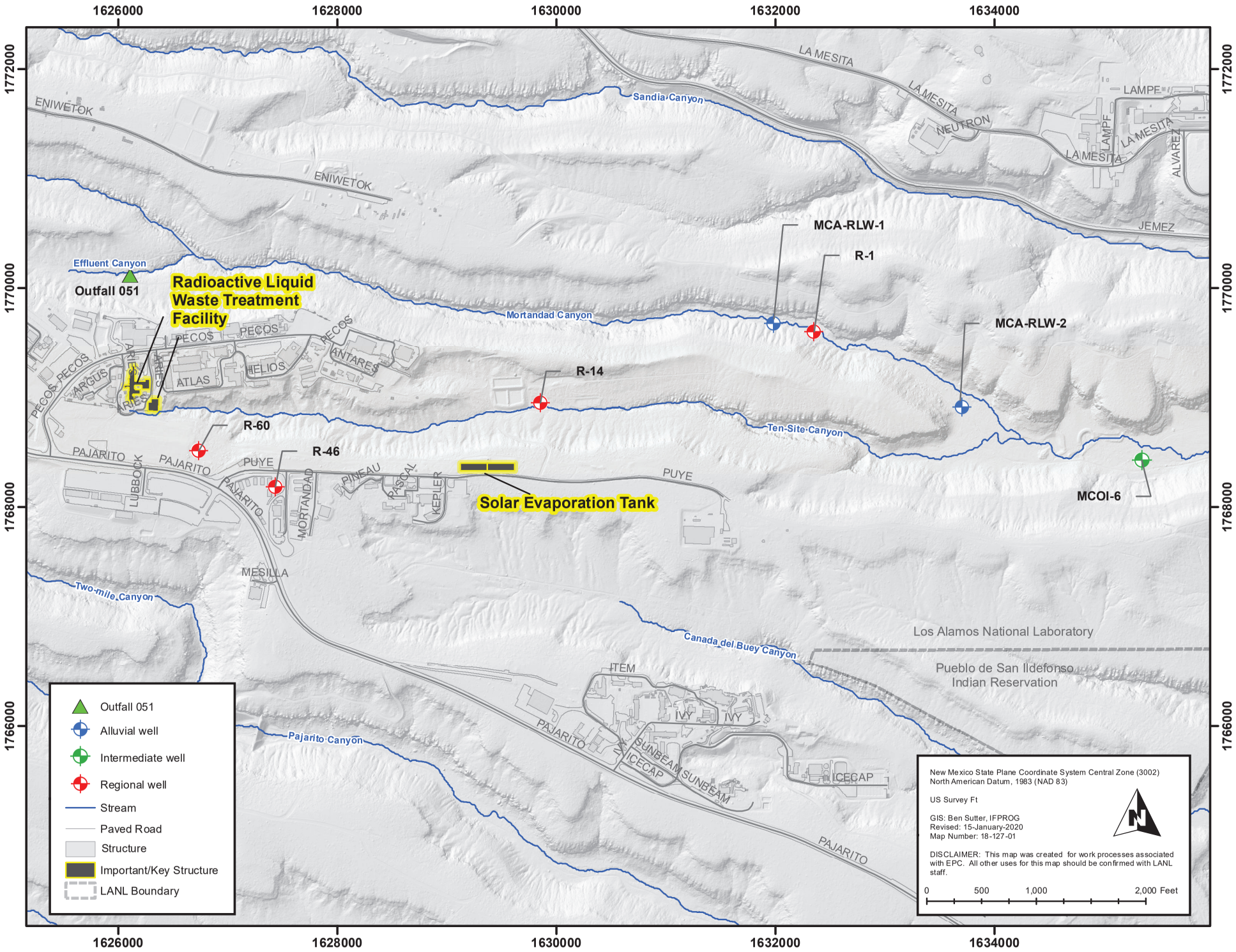
Attachment 6

Monitoring Well Location Map

EPC-DO: 26-077

LA-UR-26-23000

Date: April 29, 2026


1626000
1628000
1630000
1632000
1634000
1772000
1770000
1768000
1766000
Outfall 051
Radioactive Liquid Waste Treatment Facility
Effluent Canyon
Sandia Canyon
Mortandad Canyon
Ten-Site Canyon
Two-mile Canyon
Pajarito Canyon
Canada del Buey Canyon
MCA-RLW-1
R-1
MCA-RLW-2
R-14
R-60
R-46
MCOI-6
Solar Evaporation Tank
LA MESITA
ENIWETOK
NEUTRON
LAMPE
LAMPF
ALVAREZ
JEMEZ
PECOS
ARGUS
ATLAS
HELIOS
ANTARES
ARIES
PAJARITO
PUYE
LUBBOCK
MORTANDAD
PINEAU
PASCAL
KEPLER
MESILLA
ITEM
IVY
SUNBEAM
ICECAP
Los Alamos National Laboratory
Pueblo de San Ildefonso Indian Reservation
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, IFPROG
Revised: 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.
N
0
500
1,000
2,000 Feet