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Symbol: EPC-DO: 26-241
Date: October 30, 2026
LA-UR: 26-29184
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, Third 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 November 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 Dennis Svatos at (505) 667-7640 or dennis.svatos@nnsa.doe.gov or Brian 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,

DENNIS SVATOS

Digitally signed by DENNIS SVATOS
Date: 2026.10.29 17:13:49 -06'00'

Dennis Svatos
Assistant Manager-Landlord Stewardship
National Nuclear Security Administration
U.S. Department of Energy

Attachment:
Attachment 1 RLWTF Monitoring Report – Third 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 – Third Quarter 2026
Attachment 6 Monitoring Well Location Map

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Attachment 1

RLWTF Monitoring Report – Third Quarter 2026

EPC-DO: 26-241

LA-UR-26-29184

Date: October 30, 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 November 1, 2026, for the monitoring period of July 1, 2026, through September 30, 2026 (third 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 third 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 was completed in September 2026. The new tanks are now operational and are being used to store treated effluent before being discharged to the environment.

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 third 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 third 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 National Pollutant Discharge Elimination System (NPDES) Outfall 051 and the Mechanical Evaporator System (MES) during the third quarter 2026 monitoring period.

- No treated effluent was discharged to the Solar Evaporative Tank System (SET) during the third 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 month of July. 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 July 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.

  The analytical results collected from the MES in the third quarter of 2026 are included in **Attachment 4, Table 1.**

- **NPDES Outfall 051 Sampling**. Treated effluent from the RLWTF was discharged to NPDES Outfall 051 this quarter during the months of August and September. Monthly 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 August 4th and September 10th. 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 NPDES Outfall 051 in the third quarter of 2026 are included in **Attachment 4, Tables 2 and 3.**

- **SET Sampling.** No treated effluent was discharged to the SET during the third quarter of 2026 monitoring period.

Repairs and upgrades at the SET, detailed in EPC-DO: 26-113 submitted on May 28th, 2026, initiated in September 2026. Once this work is completed, treated effluent will be discharged to the SET.

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 third 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 third quarter with quarterly monitoring completed in August and September 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 July 15th, 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 July 15, 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 130 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 July 8, 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.
- During the third quarter of 2026 the subcontractor selected to complete the remaining stabilization work at Clarifier #2 mobilized to the site, completed on-site training courses, and worked to develop required work documents.
- 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. A letter (EPC-DO: 26-202) was submitted to NMED on August 25, 2026, requesting additional time to complete stabilization of Clarifier #2.

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: 26-241

LA-UR-26-29184

Date: October 30, 2026

DP-1132 Report: Third Quarter 2026 RLWTF Maintenance

			Task Type						
Structures	**Description**	**Built**	**PM**	**CO**	**MD**	**SR**	**UP**	**CN**	**Total**
Building 1	Original treatment bldg.	1963	37	26	7	1	0	0	71
Building 2	Original influent storage bldg.	1963	3	0	0	0	0	0	3
Building 66	TRU influent storage	1982	0	0	0	0	0	0	0
Building 90	100K Influent Storage tank	1982							
Building 248	Low-level bottoms storage	1996	3	4	0	0	0	0	7
Building 250	Low-level influent storage	2009	20	5	0	0	0	0	25
Building 257	Mechanical Evaporator System	2010	1	1	0	0	0	0	2
TA52	Solar Evaporation Tank	2011	11	0	0	0	0	0	11
	Totals		75	36	7	1	0	0	119

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

DP-1132 Report: Third Quarter 2026 RLWTF Maintenance

TA-50-0001 Work Completion Report (07-01-2026 to 09-30-2026)

Unit	Work Order	WO	WO Type	Task Title
500001	00863720	01	PM	500001 (1M) EXH FE-32 FAN W/MOTOR LUB PM
500001	00838002	01	PM	50-1 HUE (A) PM
500001	00861007	01	PM	50-0001 (M) AED
500001	00640706	03	MD	500001 INSTALL NEW RLW EFFLUENT PIPING AND PERFORM PMT
500001	00861856	01	PM	500001 BHW 1YR PM, INSPECTION & MAINTENANC
500001	00860657	01	PM	500001 3MO ELEVATOR ELECT/MECH MAINT
500001	00859842	01	MD	500037 FITTERS TO ISOLATE AND CAP RLW LINES
500001	00781833	01	CO	500001 TROUBLE SHOOT POWER TO VACUUM FILTER AGITATOR
500001	00861992	01	PM	50-1 DRUM TUMBLER (3M) PM
500001	00860968	01	PM	50-1 FEXT (1M) PM
500001	00860958	01	PM	500001 LTET 1MO PM
500001	00860956	01	PM	500001 LTE 1 MO PM
500001	00861855	01	PM	500001-60/60A LT 1Y LEVEL INSTRMNT VERIFICATION (10 EA)
500001	00851018	01	CO	500001 REQUEST FOR LABORERS ASSISTANCE WITH WASTE DISPOSAL
500001	00831742	01	CO	500001 REWIRE E-STOP DEVICES ON MCC-D
500001	00825407	01	CO	500001 REPLACE BALLAST IN ROOM 114
500001	00821552	01	CO	500001 REPLACE HW CONTROL VALVE
500001	00818777	01	CO	500001 GRAVITY FILTER CONTROL BOX IN ROOM 116 IDENTIFY UNKN
500001	00816237	01	CO	500001 TROUBLESHOOT AND REPAIR PHW-001
500001	00813366	01	MD	500001 CA SYSTEM BYPASS VALVE
500001	00790794	01	CO	500001 REPLACE MICRO-FILTER CIP PUMP
500001	00783341	01	CO	500001 RLW PP-B EXCHANGE SWAPPED BREAKERS
500001	00776725	01	CO	500001 INTRSUIVE SCOPE FOR NORTH FRAC TANK MIXER CONTROLS
500001	00773586	01	CO	500001 REPLACE HUE-006 IN RM. 60A
500001	00767625	01	CO	500001 TS & REPAIR/REPLACE SUMP PUMP 16-RLWICS-P-11
500001	00763304	01	CO	500001 REPAIR OR REPLACE OF PUMP 059-CSP-P03
500001	00756391	01	CO	500001 UNCLOG TK-14 DRAIN LINE
500001	00749819	01	CO	500001 REQUEST TROUBLESHOOT/REPAIR OF TK-71 PH INDICATION
500001	00736543	01	CO	500001 REPLACE ARGON RELIEFS AND REPAIR LEAKS.
500001	00717158	01	CO	500001 INSPECT/REPAIR ALL SEAMS ON THE EXTERIOR VENTILATION

DP-1132 Report: Third Quarter 2026 RLWTF Maintenance

TA-50-0001 Work Completion Report (07-01-2026 to 09-30-2026)

Unit	Work Order	WO	WO Type	Task Title
500001	00798660	03	MD	500001 REMOVE RM 72 RO UNIT
500001	00694264	01	CO	500001 PUMP MAINTENANCE ON PHW-010
500001	00863117	01	MD	500001 FE-2 MOTOR REPLACEMENT
500001	00858976	01	PM	50-1-60 CM-010/HE-008: 1-YR PM (INSPECTION)
500001	00858972	01	PM	500001 CM-010/HE-008 (1YR) PM, MECH/ELECT MAINT
500001	00858095	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00845320	01	CO	500001 PERFORM INSPECTION AND REPAIR ON FE-2
500001	00837293	01	CO	500001 TROUBLESHOOT/REPAIROR REPLACE NORTH FRAC TANK MIXER
500001	00739306	01	MD	500001 INSTALL DI WATER SYSTEM IN CHEMISTRY LAB
500001	00822651	01	CO	500001 REPLACE GFCI BREAKER WITH STANDARD BREAKER
500001	00768107	01	SR	QUICK FIX (CHARGE ONLY)
500001	00862734	01	CO	REPAIR OR REPLACE VALVE 34B-POL-V135
500001	00858978	01	PM	50-1-116B CM-003/HE-005: 1-YR PM (INSPECTION)
500001	00858977	01	PM	50-1-116B CM-003/HE-005: 1-YR PM MECH/ELECT
500001	00858035	01	PM	500001 CA-4 (3 MONTH) AIR COMPRESSOR PM
500001	00863719	01	PM	500001(1M) HVAC EXHAUST FANS MECH PM
500001	00815907	01	CO	500001 REMOVE AND REPLACE HUW-001/09
500001	00835266	01	PM	50-0001 FCP 6MO PM, FIRE ALARM SYSTEMS INSPECTION & TESTING
500001	00858974	01	PM	500001 CM-11 (1YR) PM, ANSI INSPECTION
500001	00858973	01	PM	500001 CM-11 (1YR) PM, MECHANICAL
500001	00847431	01	PM	50-66/50-01 FAH 1YR PM, HEPA FILTERS (PLENUM) TESTING
500001	00858122	01	PM	50-0001 (M) AED
500001	00858043	01	PM	500001 ASE 3MO PM, EXHAUST STACK PUMP
500001	00858116	01	PM	500001 LTE 1 MO PM
500001	00858057	01	PM	50-1 FEXT (1M) PM
500001	00858044	01	PM	500001 LTET 1MO PM
500001	00815616	01	MD	500001 PV-007 AND ASSOCIATED AIR DRYER MODIFICATIONS
500001	00854962	01	PM	500001 PERFORM WEEKLY EYEWASH/ SAFETY SHOWER TESTING
500001	00854753	01	PM	50-1 T-21 PH TRANSMITTERS (6 MO) CALIBRATION
500001	00828359	01	CO	500001 REMOVE AND REPLACE FE-32
500001	00840210	01	CO	500001 ROOF DRAIN DOWNPIPE ACCESS RM115A
500001	00855626	01	PM	500001 MICROFILTER 3 MONTH PUMP MAINTENANCE
500001	00854927	01	PM	50-0001 (M) AED

DP-1132 Report: Third Quarter 2026 RLWTF Maintenance

TA-50-0250 Work Completion Report (07-01-2026 to 09-30-2026)

Unit	Work Order	WO	WO Type	Task Title
500250	00837850	01	CO	50-0250 TS/REPAIR OR REPLACE HIGH BAY LIGHTS
500250	00861858	01	PM	50-250 SPW (A) PM
500250	00860964	01	PM	500250 LTNT (M) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00860961	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00860960	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00861016	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00724769	01	CO	500250 CHANGE BREAKER SETTINGS ON MCC-A-11E
500250	00698948	01	CO	500250 UNPLUG & INSPECT 1-TK-1 PUMPS
500250	00601127	01	CO	500250 REPAIR THE AUTOMATIC PUMP DOWN FUNCTION OF THE SUMP
500250	00858958	01	PM	50-250 CM-2/HE-2 (1YR) ANSI INSPECTION PM
500250	00858957	01	PM	50-250 CM-2-HE-2 (1YR) MECH-ELECT MAINTENANCE PM
500250	00866263	01	CO	500250 REPAIR LEAK ON 1-TK-1 DISCHARGE LINE DOWNSTREAM
500250	00858971	01	PM	50-250 CM-1/HE-1 1YR ANSI INSPECTION PM
500250	00858970	01	PM	50-250 CM-1-HE-1 (1YR) MECH-ELECT MAINTENANCE PM
500250	00858979	01	PM	50-250 LTNT (A) PM, NON-TRITIUM EMERGENCY EXIT LIGHT
500250	00858078	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM
500250	00858047	01	PM	500250 LTE (M) PM, EMERGENCY WALL MOUNTED LIGHTING UNITS
500250	00858046	01	PM	500250 LTET (M) PM, TRITIUM EMERGENCY EXIT LIGHT
500250	00856013	01	PM	500250 (A) VERIFY & ENSURE ACCURACY TANK LEVEL INDIC PM 6 EA
500250	00856006	01	PM	50-250 (1YR) FIT VERIFY ACCURACY 1 EA
500250	00855622	01	PM	500250 SHS 3MO PM, SAFETY SHOWER
500250	00854978	01	PM	500250 FEXT (M), FIRE EXTINGUISHERS PM

DP-1132 Report: Third Quarter 2026 RLWTF Maintenance

TA-52-0181 Work Completion Report (07-01-2026 to 09-30-2026)

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

TA-52-0182 Work Completion Report (07-01-2026 to 09-30-2026)

Unit	Work Order	WO	WO Type	Task Title
520182	00860998	01	PM	520182 (M) EMERGENCY LIGHTS PM
520182	00860997	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00860996	01	PM	520182 (M) FEXT PM
520182	00858027	01	PM	520182 (3M) SIGNAGE VERIFICATION FOR FENCE LINE
520182	00858025	01	PM	520182 (3M) FENCE LINE VERIFICATION
520182	00858076	01	PM	520182 (M) EMERGENCY LIGHTS PM
520182	00858075	01	PM	520182 (M) NON TRITIUM LIGHTS PM
520182	00858074	01	PM	520182 (M) FEXT PM
520182	00855120	01	PM	520182 (A) FEXT PM
520182	00855122	01	PM	520182 (A) EMERGENCY LIGHTS PM
520182	00855121	01	PM	520182 (A) NON TRITIUM LIGHTS PM

TA-52-0183 Work Completion Report (07-01-2026 to 09-30-2026)

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

DP-1132 Report: Third Quarter 2026 RLWTF Maintenance

TA-50-0002 Work Completion Report (07-01-2026 to 09-30-2026)

Unit	Work Order	WO	WO Type	Task Title
500002	00861859	01	PM	500002 HUE 1YR PM
500002	00858023	01	PM	50-2 CA (6M) MECHANICAL PM
500002	00857832	01	PM	50-2 TCA (6M) AUTO DUMP PM

TA-50-0090 Work Completion Report (07-01-2026 to 09-30-2026)

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

TA-50-0066 Work Completion Report (07-01-2026 to 09-30-2026)

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

TA-50-0201 Work Completion Report (07-01-2026 to 09-30-2026)

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

TA-50-0248 Work Completion Report (07-01-2026 to 09-30-2026)

Unit	Work Order	WO	WO Type	Task Title
500248	00861860	01	PM	50-248 HUE (A) PM
500248	00739934	01	CO	500248 REPLACE 248-P01
500248	00722019	01	CO	500248 REPAIR LEAK ON TRANSFER LINE TO SE TANK
500248	00848524	01	CO	500248 TS/ REPAIR OR REPLACE HUE-004
500248	00630606	01	CO	500248 PROPERLY MOUNT OR REMOVE NONOPERATIONAL ELECT. PANELS
500248	00858041	01	PM	500248 PUMPS 3MO PM
500248	00854761	01	PM	50-248 MIXERS: 6-MO PM (LUBRICATION)

DP-1132 Report: Third Quarter 2026 RLWTF Maintenance

TA-50-0257 Work Completion Report (07-01-2026 to 09-30-2026)

Unit	Work Order	WO	WO Type	Task Title
500257	00862001	01	PM	50-257 EVAP BOILER (3M) PM
500257	00736750	01	CO	500001 INTRUSIVE SCOPE OF ENCON EVAPORATOR CONTROL PANEL

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: 26-241

LA-UR-26-29184

Date: October 30, 2026

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

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
Totals, 2026-Q3	452,993	126,252	171,778	0	1,779
Sub-total, July	159,515	126,252	0	0	497
Sub-total, August	146,533	0	62,161	0	573
Sub-total, Sept.	146,945	0	109,617	0	709

All flows are in Liters.

1-Jul	5,034	0	0	0	0
2-Jul	2,006	0	0	0	0
3-Jul	1,060	0	0	0	0
4-Jul	719	0	0	0	0
5-Jul	1,363	0	0	0	0
6-Jul	2,801	0	0	0	0
7-Jul	7,759	0	0	0	117
8-Jul	4,239	0	0	0	0
9-Jul	9,160	0	0	0	166
10-Jul	5,261	0	0	0	0
11-Jul	3,331	0	0	0	0
12-Jul	3,596	0	0	0	0
13-Jul	5,980	0	0	0	0
14-Jul	10,447	24,603	0	0	0
15-Jul	9,614	35,288	0	0	0
16-Jul	8,441	8,944	0	0	214
17-Jul	3,179	0	0	0	0
18-Jul	2,233	0	0	0	0
19-Jul	2,082	0	0	0	0
20-Jul	3,179	0	0	0	0
21-Jul	5,942	0	0	0	0
22-Jul	6,737	0	0	0	0
23-Jul	5,640	13,978	0	0	0
24-Jul	4,126	28,475	0	0	0
25-Jul	4,504	14,966	0	0	0
26-Jul	4,807	0	0	0	0
27-Jul	5,223	0	0	0	0
28-Jul	7,419	0	0	0	0
29-Jul	6,359	0	0	0	0
30-Jul	10,454	0	0	0	0
31-Jul	6,821	0	0	0	0

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

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
1-Aug	5,144	0	0	0	0
2-Aug	5,954	0	0	0	0
3-Aug	6,298	0	0	0	0
4-Aug	6,616	0	62,161	0	224
5-Aug	3,925	0	0	0	0
6-Aug	4,042	0	0	0	165
7-Aug	2,112	0	0	0	0
8-Aug	1,953	0	0	0	0
9-Aug	992	0	0	0	0
10-Aug	3,009	0	0	0	0
11-Aug	1,071	0	0	0	0
12-Aug	10,598	0	0	0	0
13-Aug	6,787	0	0	0	0
14-Aug	2,801	0	0	0	0
15-Aug	3,967	0	0	0	0
16-Aug	1,287	0	0	0	0
17-Aug	4,088	0	0	0	0
18-Aug	6,321	0	0	0	0
19-Aug	4,883	0	0	0	0
20-Aug	5,753	0	0	0	0
21-Aug	3,709	0	0	0	0
22-Aug	1,779	0	0	0	0
23-Aug	3,482	0	0	0	0
24-Aug	7,494	0	0	0	0
25-Aug	4,012	0	0	0	184
26-Aug	6,964	0	0	0	0
27-Aug	5,450	0	0	0	0
28-Aug	6,359	0	0	0	0
29-Aug	5,110	0	0	0	0
30-Aug	6,435	0	0	0	0
31-Aug	8,138	0	0	0	0

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

Date	Low-level Influent	Effluent MES	Effluent Outfall 051	Effluent SET	Transuranic Influent
1-Sep	1,476	0	0	0	0
2-Sep	3,331	0	0	0	0
3-Sep	4,466	0	0	0	156
4-Sep	7,646	0	0	0	0
5-Sep	2,914	0	0	0	0
6-Sep	1,968	0	0	0	0
7-Sep	3,331	0	0	0	0
8-Sep	3,747	0	0	0	0
9-Sep	5,564	0	0	0	0
10-Sep	6,775	0	46,468	0	156
11-Sep	1,741	0	0	0	0
12-Sep	1,779	0	0	0	0
13-Sep	2,422	0	0	0	0
14-Sep	5,413	0	0	0	0
15-Sep	10,371	0	0	0	0
16-Sep	7,267	0	0	0	0
17-Sep	8,251	0	0	0	0
18-Sep	8,289	0	0	0	0
19-Sep	2,914	0	0	0	0
20-Sep	3,028	0	0	0	0
21-Sep	2,914	0	0	0	0
22-Sep	3,596	0	0	0	77
23-Sep	13,486	0	0	0	0
24-Sep	5,185	0	0	0	97
25-Sep	5,829	0	0	0	0
26-Sep	2,687	0	0	0	0
27-Sep	1,590	0	0	0	0
28-Sep	4,239	0	0	0	0
29-Sep	7,835	0	63,149	0	223
30-Sep	6,889	0	0	0	0

Attachment 4

Treated Effluent Sampling Results

EPC-DO: 26-241

LA-UR-26-29184

Date: October 30, 2026

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on July 14, 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-26-376812	RLWTF_MES	07/14/2026	107-02-8	Acrolein	1.67	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	1.67	0.0415
RLWTF-26-376812	RLWTF_MES	07/14/2026	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	1.67	0.523
RLWTF-26-376812	RLWTF_MES	07/14/2026	309-00-2	Aldrin	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	0.00198
RLWTF-26-376816	RLWTF_MES	07/14/2026	AL	Aluminum	19.3	ug/L	U	N	F	2026-860	REG	EPA:200.8	19.3	5,000
RLWTF-26-376812	RLWTF_MES	07/14/2026	120-12-7	Anthracene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	1,720
RLWTF-26-376816	RLWTF_MES	07/14/2026	SB	Antimony	1	ug/L	U	N	F	2026-860	REG	EPA:200.8	1	6
RLWTF-26-376812	RLWTF_MES	07/14/2026	12674-11-2	Aroclor-1016	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	11104-28-2	Aroclor-1221	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	11141-16-5	Aroclor-1232	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	53469-21-9	Aroclor-1242	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	12672-29-6	Aroclor-1248	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	11097-69-1	Aroclor-1254	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	11096-82-5	Aroclor-1260	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	TOT AROCLOR	Total Aroclors for sum of all aroclors	0.0333	ug/L	U	N	UF	2026-860	REG	SW-846:8082A	0.0333	0.5
RLWTF-26-376816	RLWTF_MES	07/14/2026	AS	Arsenic	2	ug/L	U	N	F	2026-860	REG	EPA:200.8	2	10
RLWTF-26-376812	RLWTF_MES	07/14/2026	1912-24-9	Atrazine	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	3
RLWTF-26-376812	RLWTF_MES	07/14/2026	103-33-3	Azobenzene	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.78
RLWTF-26-376816	RLWTF_MES	07/14/2026	BA	Barium	0.67	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.67	2,000
RLWTF-26-376812	RLWTF_MES	07/14/2026	71-43-2	Benzene	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	92-87-5	Benzidine	3.9	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3.9	0.00109
RLWTF-26-376812	RLWTF_MES	07/14/2026	50-32-8	Benzo(a)pyrene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	0.2
RLWTF-26-376812	RLWTF_MES	07/14/2026	205-99-2	Benzo(b)fluoranthene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	0.343
RLWTF-26-376812	RLWTF_MES	07/14/2026	207-08-9	Benzo(k)fluoranthene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	3.43
RLWTF-26-376816	RLWTF_MES	07/14/2026	BE	Beryllium	0.2	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.2	4
RLWTF-26-376812	RLWTF_MES	07/14/2026	319-84-6	BHC[alpha-]	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	0.0693
RLWTF-26-376812	RLWTF_MES	07/14/2026	319-85-7	BHC[beta-]	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	0.243
RLWTF-26-376812	RLWTF_MES	07/14/2026	58-89-9	BHC[gamma-]	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	0.415
RLWTF-26-376812	RLWTF_MES	07/14/2026	111-44-4	Bis(2-chloroethyl)ether	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.137
RLWTF-26-376812	RLWTF_MES	07/14/2026	117-81-7	Bis(2-ethylhexyl)phthalate	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	55.6
RLWTF-26-376816	RLWTF_MES	07/14/2026	B	Boron	22.1	ug/L	J	Y	F	2026-860	REG	EPA:200.7	15	750
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	1.34
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-25-2	Bromoform	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	32.9
RLWTF-26-376812	RLWTF_MES	07/14/2026	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.337	7.54
RLWTF-26-376816	RLWTF_MES	07/14/2026	CD	Cadmium	0.3	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.3	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	57-74-9	Chlordane(alpha/gamma)	0.0765	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.0765	0.448
RLWTF-26-376812	RLWTF_MES	07/14/2026	5103-71-9	Chlordane[alpha-]	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	0.448
RLWTF-26-376812	RLWTF_MES	07/14/2026	5103-74-2	Chlordane[gamma-]	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	0.448
RLWTF-26-376816	RLWTF_MES	07/14/2026	CL(-1)	Chloride	1.23	mg/L	NQ	Y	F	2026-860	REG	EPA:300.0	0.067	250
RLWTF-26-376812	RLWTF_MES	07/14/2026	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	77.6
RLWTF-26-376812	RLWTF_MES	07/14/2026	67-66-3	Chloroform	1.51	ug/L	NQ	Y	UF	2026-860	REG	SW-846:8260D	0.333	100
RLWTF-26-376812	RLWTF_MES	07/14/2026	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	20.3
RLWTF-26-376816	RLWTF_MES	07/14/2026	CR	Chromium	3	ug/L	U	N	F	2026-860	REG	EPA:200.8	3	50
RLWTF-26-376816	RLWTF_MES	07/14/2026	CO	Cobalt	0.3	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.3	50
RLWTF-26-376816	RLWTF_MES	07/14/2026	CU	Copper	0.443	ug/L	J	Y	F	2026-860	REG	EPA:200.8	0.3	1,000
RLWTF-26-376816	RLWTF_MES	07/14/2026	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	F	2026-860	REG	EPA:335.4	0.00167	200
RLWTF-26-376812	RLWTF_MES	07/14/2026	50-29-3	DDT[4,4'-]	0.01	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.01	2.29
RLWTF-26-376812	RLWTF_MES	07/14/2026	84-74-2	Di-n-butylphthalate	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	885
RLWTF-26-376812	RLWTF_MES	07/14/2026	106-93-4	Dibromoethane[1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	0.05
RLWTF-26-376812	RLWTF_MES	07/14/2026	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	600
RLWTF-26-376812	RLWTF_MES	07/14/2026	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	75

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on July 14, 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-26-376812	RLWTF_MES	07/14/2026	91-94-1	Dichlorobenzidine[3,3'-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	1.25
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.355	197
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	25
RLWTF-26-376812	RLWTF_MES	07/14/2026	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	7
RLWTF-26-376812	RLWTF_MES	07/14/2026	156-59-2	Dichloroethene[cis-1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	70
RLWTF-26-376812	RLWTF_MES	07/14/2026	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	100
RLWTF-26-376812	RLWTF_MES	07/14/2026	120-83-2	Dichlorophenol[2,4-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	45.3
RLWTF-26-376812	RLWTF_MES	07/14/2026	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	542-75-6	Dichloropropene[cis/trans-1,3-]	0.5	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.5	4.71
RLWTF-26-376812	RLWTF_MES	07/14/2026	60-57-1	Dieldrin	0.01	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.01	0.0175
RLWTF-26-376812	RLWTF_MES	07/14/2026	84-66-2	Diethylphthalate	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	14,800
RLWTF-26-376812	RLWTF_MES	07/14/2026	131-11-3	Dimethyl Phthalate	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	612
RLWTF-26-376812	RLWTF_MES	07/14/2026	534-52-1	Dinitro-2-methylphenol[4,6-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	1.52
RLWTF-26-376812	RLWTF_MES	07/14/2026	51-28-5	Dinitrophenol[2,4-]	5	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	5	38.7
RLWTF-26-376812	RLWTF_MES	07/14/2026	121-14-2	Dinitrotoluene[2,4-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	2.37
RLWTF-26-376812	RLWTF_MES	07/14/2026	606-20-2	Dinitrotoluene[2,6-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.485
RLWTF-26-376812	RLWTF_MES	07/14/2026	123-91-1	Dioxane[1,4-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	4.59
RLWTF-26-376812	RLWTF_MES	07/14/2026	122-39-4	Diphenylamine	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	122
RLWTF-26-376812	RLWTF_MES	07/14/2026	959-98-8	Endosulfan I	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	98.7
RLWTF-26-376812	RLWTF_MES	07/14/2026	33213-65-9	Endosulfan II	0.01	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.01	98.7
RLWTF-26-376812	RLWTF_MES	07/14/2026	72-20-8	Endrin	0.01	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.01	2.23
RLWTF-26-376812	RLWTF_MES	07/14/2026	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	700
RLWTF-26-376812	RLWTF_MES	07/14/2026	206-44-0	Fluoranthene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	802
RLWTF-26-376812	RLWTF_MES	07/14/2026	86-73-7	Fluorene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	288
RLWTF-26-376816	RLWTF_MES	07/14/2026	F(-1)	Fluoride	0.033	mg/L	U	N	F	2026-860	REG	EPA:300.0	0.033	1.6
RLWTF-26-376812	RLWTF_MES	07/14/2026	76-44-8	Heptachlor	0.00665	ug/L	U	N	UF	2026-860	REG	SW-846:8081B	0.00665	0.0221
RLWTF-26-376812	RLWTF_MES	07/14/2026	118-74-1	Hexachlorobenzene	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.0976
RLWTF-26-376812	RLWTF_MES	07/14/2026	87-68-3	Hexachlorobutadiene	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	1.39
RLWTF-26-376812	RLWTF_MES	07/14/2026	77-47-4	Hexachlorocyclopentadiene	3	ug/L	UJ	N	UF	2026-860	REG	SW-846:8270E	3	0.411
RLWTF-26-376812	RLWTF_MES	07/14/2026	67-72-1	Hexachloroethane	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	3.28
RLWTF-26-376812	RLWTF_MES	07/14/2026	2691-41-0	HMX	0.0839	ug/L	U	N	UF	2026-860	REG	SW-846:8330B	0.0839	1,000
RLWTF-26-376816	RLWTF_MES	07/14/2026	FE	Iron	30	ug/L	U	N	F	2026-860	REG	EPA:200.7	30	1,000
RLWTF-26-376812	RLWTF_MES	07/14/2026	78-59-1	Isophorone	3.5	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3.5	781
RLWTF-26-376816	RLWTF_MES	07/14/2026	PB	Lead	0.5	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.5	15
RLWTF-26-376816	RLWTF_MES	07/14/2026	MN	Manganese	2	ug/L	U	N	F	2026-860	REG	EPA:200.7	2	200
RLWTF-26-376812	RLWTF_MES	07/14/2026	HG	Mercury	0.067	ug/L	U	N	UF	2026-860	REG	EPA:245.2	0.067	2
RLWTF-26-376816	RLWTF_MES	07/14/2026	HG	Mercury	0.067	ug/L	U	N	F	2026-860	REG	EPA:245.2	0.067	2
RLWTF-26-376812	RLWTF_MES	07/14/2026	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	100
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.5	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	90-12-0	Methylnaphthalene[1-]	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	30
RLWTF-26-376812	RLWTF_MES	07/14/2026	91-57-6	Methylnaphthalene[2-]	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	30
RLWTF-26-376816	RLWTF_MES	07/14/2026	MO	Molybdenum	0.2	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.2	1,000
RLWTF-26-376812	RLWTF_MES	07/14/2026	91-20-3	Naphthalene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	30
RLWTF-26-376816	RLWTF_MES	07/14/2026	NI	Nickel	0.6	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.6	200
RLWTF-26-376816	RLWTF_MES	07/14/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.4	mg/L	NQ	Y	F	2026-860	REG	EPA:353.2	0.017	10
RLWTF-26-376843	RLWTF_MES	07/14/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.391	mg/L	NQ	Y	F	2026-860	FD	EPA:353.2	0.017	10
RLWTF-26-376814	RLWTF_MES	07/14/2026	NO2-N	Nitrite as Nitrogen	0.245	mg/L	NQ	Y	F	2026-859	REG	EPA:300.0	0.033	1
RLWTF-26-376812	RLWTF_MES	07/14/2026	98-95-3	Nitrobenzene	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	1.4
RLWTF-26-376812	RLWTF_MES	07/14/2026	924-16-3	Nitroso-di-n-butylamine[N-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.0273
RLWTF-26-376812	RLWTF_MES	07/14/2026	55-18-5	Nitrosodiethylamine[N-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.00167

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on July 14, 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-26-376812	RLWTF_MES	07/14/2026	62-75-9	Nitrosodimethylamine[N-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.00491
RLWTF-26-376812	RLWTF_MES	07/14/2026	930-55-2	Nitrosopyrrolidine[N-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	0.37
RLWTF-26-376812	RLWTF_MES	07/14/2026	108-60-1	Oxybis(1-chloropropane)[2,2'-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	9.81
RLWTF-26-376812	RLWTF_MES	07/14/2026	608-93-5	Pentachlorobenzene	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	3.07
RLWTF-26-376812	RLWTF_MES	07/14/2026	87-86-5	Pentachlorophenol	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	1
RLWTF-26-376812	RLWTF_MES	07/14/2026	CLO4	Perchlorate	0.05	ug/L	U	N	UF	2026-860	REG	SW-846:6850	0.05	13.8
RLWTF-26-376812	RLWTF_MES	07/14/2026	355-46-4	Perfluorohexanesulfonic acid	0.588	ng/L	U	N	UF	2026-860	REG	EPA:1633A	0.588	401
RLWTF-26-376812	RLWTF_MES	07/14/2026	1763-23-1	Perfluorooctanesulfonic acid	0.598	ng/L	U	N	UF	2026-860	REG	EPA:1633A	0.598	60.2
RLWTF-26-376812	RLWTF_MES	07/14/2026	335-67-1	Perfluorooctanoic acid	0.644	ng/L	U	N	UF	2026-860	REG	EPA:1633A	0.644	60.2
	RLWTF_MES	07/14/2026	pH	pH	8.8	SU								6-9
RLWTF-26-376812	RLWTF_MES	07/14/2026	85-01-8	Phenanthrene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	170
RLWTF-26-376812	RLWTF_MES	07/14/2026	108-95-2	Phenol	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	1610-18-0	Prometon	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	250
RLWTF-26-376812	RLWTF_MES	07/14/2026	129-00-0	Pyrene	0.3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	0.3	117
RLWTF-26-376812	RLWTF_MES	07/14/2026	RA-226	Radium-226	0.535	pCi/L	U	N	UF	2026-860	REG	EPA:903.1	0.409	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	RA-228	Radium-228	1.04	pCi/L	UJ	N	UF	2026-860	REG	EPA:904	1.24	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	RA-226+228	Radium-226 and Radium-228	1.58	pCi/L	UJ	N	UF	2026-860	REG	Generic:Radium by Calculation	-	5
RLWTF-26-376839	RLWTF_MES	07/14/2026	RA-226	Radium-226	4.79	pCi/L	J	Y	UF	2026-860	FD	EPA:903.1	0.367	-
RLWTF-26-376839	RLWTF_MES	07/14/2026	RA-228	Radium-228	0.827	pCi/L	U	N	UF	2026-860	FD	EPA:904	0.744	-
RLWTF-26-376839	RLWTF_MES	07/14/2026	RA-226+228	Radium-226 and Radium-228	5.62	pCi/L	J	Y	UF	2026-860	FD	Generic:Radium by Calculation	-	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	121-82-4	RDX	0.0839	ug/L	U	N	UF	2026-860	REG	SW-846:8330B	0.0839	9.66
RLWTF-26-376816	RLWTF_MES	07/14/2026	SE	Selenium	1.5	ug/L	U	N	F	2026-860	REG	EPA:200.8	1.5	50
RLWTF-26-376816	RLWTF_MES	07/14/2026	AG	Silver	0.3	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.3	50
RLWTF-26-376812	RLWTF_MES	07/14/2026	100-42-5	Styrene	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	100
RLWTF-26-376816	RLWTF_MES	07/14/2026	SO4(-2)	Sulfate	0.135	mg/L	J	Y	F	2026-860	REG	EPA:300.0	0.133	600
RLWTF-26-376812	RLWTF_MES	07/14/2026	126-33-0	Sulfolane	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	20
RLWTF-26-376812	RLWTF_MES	07/14/2026	95-94-3	Tetrachlorobenzene[1,2,4,5]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	1.66
RLWTF-26-376812	RLWTF_MES	07/14/2026	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	10
RLWTF-26-376812	RLWTF_MES	07/14/2026	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	5
RLWTF-26-376816	RLWTF_MES	07/14/2026	TL	Thallium	0.6	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.6	2
RLWTF-26-376812	RLWTF_MES	07/14/2026	108-88-3	Toluene	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	1,000
RLWTF-26-376816	RLWTF_MES	07/14/2026	TDS	Total Dissolved Solids	34	mg/L	J	Y	F	2026-860	REG	EPA:160.1	2.38	1,000
RLWTF-26-376816	RLWTF_MES	07/14/2026	TKN	Total Kjeldahl Nitrogen	13.5	mg/L	NQ	Y	F	2026-860	REG	EPA:351.2	0.132	-
RLWTF-26-376843	RLWTF_MES	07/14/2026	TKN	Total Kjeldahl Nitrogen	13.3	mg/L	NQ	Y	F	2026-860	FD	EPA:351.2	0.132	-
RLWTF-26-376812	RLWTF_MES	07/14/2026	8001-35-2	Toxaphene (Technical Grade)	0.15	ug/L	UJ	N	UF	2026-860	REG	SW-846:8081B	0.15	0.158
RLWTF-26-376812	RLWTF_MES	07/14/2026	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	70
RLWTF-26-376812	RLWTF_MES	07/14/2026	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	0.2
RLWTF-26-376812	RLWTF_MES	07/14/2026	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	5
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	1,140
RLWTF-26-376812	RLWTF_MES	07/14/2026	95-95-4	Trichlorophenol[2,4,5-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	1,170
RLWTF-26-376812	RLWTF_MES	07/14/2026	88-06-2	Trichlorophenol[2,4,6-]	3	ug/L	U	N	UF	2026-860	REG	SW-846:8270E	3	11.9
RLWTF-26-376812	RLWTF_MES	07/14/2026	118-96-7	Trinitrotoluene[2,4,6-]	0.0839	ug/L	U	N	UF	2026-860	REG	SW-846:8330B	0.0839	9.8
RLWTF-26-376816	RLWTF_MES	07/14/2026	U	Uranium	0.067	ug/L	U	N	F	2026-860	REG	EPA:200.8	0.067	30
RLWTF-26-376812	RLWTF_MES	07/14/2026	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	2
RLWTF-26-376812	RLWTF_MES	07/14/2026	1330-20-7	Xylene (Total)	1	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	1	620
RLWTF-26-376812	RLWTF_MES	07/14/2026	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.333	193
RLWTF-26-376812	RLWTF_MES	07/14/2026	XYLENE[M+P]	Xylene[1,3-]+Xylene[1,4-]	0.5	ug/L	U	N	UF	2026-860	REG	SW-846:8260D	0.5	386
RLWTF-26-376816	RLWTF_MES	07/14/2026	ZN	Zinc	3.3	ug/L	U	N	F	2026-860	REG	EPA:200.7	3.3	10,000

Notes:

[1] ug/L - micrograms per liter

Table 1. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the Mechanical Evaporator System on July 14, 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]

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
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
UJ - The analyte is classified as not detected, with an expectation that the reported result is 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] The Report Detection Limit listed for individual parameters Radium-226 and Radium-228 is the Minimum Detectable Activity reported by the analytical laboratory
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
There is not a ground water standard for Total Kjeldahl Nitrogen (TKN)
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 Quarterly Sampling of RLWTF Treated Effluent Discharged to the NPDES Outfall 051 on August 4, 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]
NP051-26-376661	NPDES Outfall 051	08/04/2026	107-02-8	Acrolein	1.67	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	1.67	0.0415
NP051-26-376661	NPDES Outfall 051	08/04/2026	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	1.67	0.523
NP051-26-376661	NPDES Outfall 051	08/04/2026	309-00-2	Aldrin	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	0.00198
NP051-26-376662	NPDES Outfall 051	08/04/2026	AL	Aluminum	19.3	ug/L	U	N	F	2026-971	REG	EPA:200.8	19.3	5,000
NP051-26-376661	NPDES Outfall 051	08/04/2026	120-12-7	Anthracene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	1,720
NP051-26-376662	NPDES Outfall 051	08/04/2026	SB	Antimony	1	ug/L	U	N	F	2026-971	REG	EPA:200.8	1	6
NP051-26-376661	NPDES Outfall 051	08/04/2026	12674-11-2	Aroclor-1016	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	11104-28-2	Aroclor-1221	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	11141-16-5	Aroclor-1232	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	53469-21-9	Aroclor-1242	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	12672-29-6	Aroclor-1248	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	11097-69-1	Aroclor-1254	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	11096-82-5	Aroclor-1260	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	TOT AROCLOR	Total Aroclors for sum of all aroclors	0.0333	ug/L	U	N	UF	2026-971	REG	SW-846:8082A	0.0333	0.5
NP051-26-376662	NPDES Outfall 051	08/04/2026	AS	Arsenic	2	ug/L	U	N	F	2026-971	REG	EPA:200.8	2	10
NP051-26-376661	NPDES Outfall 051	08/04/2026	1912-24-9	Atrazine	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	3
NP051-26-376661	NPDES Outfall 051	08/04/2026	103-33-3	Azobenzene	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.78
NP051-26-376662	NPDES Outfall 051	08/04/2026	BA	Barium	0.67	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.67	2,000
NP051-26-376661	NPDES Outfall 051	08/04/2026	71-43-2	Benzene	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	92-87-5	Benzidine	3.9	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3.9	0.00109
NP051-26-376661	NPDES Outfall 051	08/04/2026	50-32-8	Benzo(a)pyrene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	0.2
NP051-26-376661	NPDES Outfall 051	08/04/2026	205-99-2	Benzo(b)fluoranthene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	0.343
NP051-26-376661	NPDES Outfall 051	08/04/2026	207-08-9	Benzo(k)fluoranthene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	3.43
NP051-26-376662	NPDES Outfall 051	08/04/2026	BE	Beryllium	0.2	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.2	4
NP051-26-376661	NPDES Outfall 051	08/04/2026	319-84-6	BHC[alpha-]	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	0.0693
NP051-26-376661	NPDES Outfall 051	08/04/2026	319-85-7	BHC[beta-]	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	0.243
NP051-26-376661	NPDES Outfall 051	08/04/2026	58-89-9	BHC[gamma-]	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	0.415
NP051-26-376661	NPDES Outfall 051	08/04/2026	111-44-4	Bis(2-chloroethyl)ether	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.137
NP051-26-376661	NPDES Outfall 051	08/04/2026	117-81-7	Bis(2-ethylhexyl)phthalate	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	55.6
NP051-26-376662	NPDES Outfall 051	08/04/2026	B	Boron	24.5	ug/L	J	Y	F	2026-971	REG	EPA:200.7	15	750
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	1.34
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-25-2	Bromoform	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	32.9
NP051-26-376661	NPDES Outfall 051	08/04/2026	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.337	7.54
NP051-26-376662	NPDES Outfall 051	08/04/2026	CD	Cadmium	0.3	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.3	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	57-74-9	Chlordane(alpha/gamma)	0.0779	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.0779	0.448
NP051-26-376661	NPDES Outfall 051	08/04/2026	5103-71-9	Chlordane[alpha-]	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	0.448
NP051-26-376661	NPDES Outfall 051	08/04/2026	5103-74-2	Chlordane[gamma-]	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	0.448
NP051-26-376662	NPDES Outfall 051	08/04/2026	CL(-1)	Chloride	43.5	mg/L	NQ	Y	F	2026-971	REG	EPA:300.0	0.67	250
NP051-26-376661	NPDES Outfall 051	08/04/2026	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	77.6
NP051-26-376661	NPDES Outfall 051	08/04/2026	67-66-3	Chloroform	1.21	ug/L	NQ	Y	UF	2026-971	REG	SW-846:8260D	0.333	100
NP051-26-376661	NPDES Outfall 051	08/04/2026	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	20.3
NP051-26-376662	NPDES Outfall 051	08/04/2026	CR	Chromium	3	ug/L	U	N	F	2026-971	REG	EPA:200.8	3	50
NP051-26-376662	NPDES Outfall 051	08/04/2026	CO	Cobalt	0.3	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.3	50
NP051-26-376662	NPDES Outfall 051	08/04/2026	CU	Copper	0.309	ug/L	J	Y	F	2026-971	REG	EPA:200.8	0.3	1,000
NP051-26-376662	NPDES Outfall 051	08/04/2026	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	U	N	F	2026-971	REG	EPA:335.4	0.00167	200
NP051-26-376661	NPDES Outfall 051	08/04/2026	50-29-3	DDT[4,4'-]	0.0102	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.0102	2.29
NP051-26-376661	NPDES Outfall 051	08/04/2026	84-74-2	Di-n-butylphthalate	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	885
NP051-26-376661	NPDES Outfall 051	08/04/2026	106-93-4	Dibromoethane[1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	0.05
NP051-26-376661	NPDES Outfall 051	08/04/2026	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	600
NP051-26-376661	NPDES Outfall 051	08/04/2026	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	75
NP051-26-376661	NPDES Outfall 051	08/04/2026	91-94-1	Dichlorobenzidine[3,3'-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	1.25
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.355	197
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	25
NP051-26-376661	NPDES Outfall 051	08/04/2026	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	7
NP051-26-376661	NPDES Outfall 051	08/04/2026	156-59-2	Dichloroethene[cis-1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	70
NP051-26-376661	NPDES Outfall 051	08/04/2026	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	100
NP051-26-376661	NPDES Outfall 051	08/04/2026	120-83-2	Dichlorophenol[2,4-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	45.3
NP051-26-376661	NPDES Outfall 051	08/04/2026	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	542-75-6	Dichloropropene[cis/trans-1,3-]	0.5	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.5	4.71
NP051-26-376661	NPDES Outfall 051	08/04/2026	60-57-1	Dieldrin	0.0102	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.0102	0.0175
NP051-26-376661	NPDES Outfall 051	08/04/2026	84-66-2	Diethylphthalate	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	14,800
NP051-26-376661	NPDES Outfall 051	08/04/2026	131-11-3	Dimethyl Phthalate	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	612
NP051-26-376661	NPDES Outfall 051	08/04/2026	534-52-1	Dinitro-2-methylphenol[4,6-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	1.52
NP051-26-376661	NPDES Outfall 051	08/04/2026	51-28-5	Dinitrophenol[2,4-]	5	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	5	38.7
NP051-26-376661	NPDES Outfall 051	08/04/2026	121-14-2	Dinitrotoluene[2,4-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	2.37
NP051-26-376661	NPDES Outfall 051	08/04/2026	606-20-2	Dinitrotoluene[2,6-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.485
NP051-26-376661	NPDES Outfall 051	08/04/2026	123-91-1	Dioxane[1,4-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	4.59

Table 2. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the NPDES Outfall 051 on August 4, 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]
NP051-26-376661	NPDES Outfall 051	08/04/2026	122-39-4	Diphenylamine	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	122
NP051-26-376661	NPDES Outfall 051	08/04/2026	959-98-8	Endosulfan I	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	98.7
NP051-26-376661	NPDES Outfall 051	08/04/2026	33213-65-9	Endosulfan II	0.0102	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.0102	98.7
NP051-26-376661	NPDES Outfall 051	08/04/2026	72-20-8	Endrin	0.0102	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.0102	2.23
NP051-26-376661	NPDES Outfall 051	08/04/2026	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	700
NP051-26-376661	NPDES Outfall 051	08/04/2026	206-44-0	Fluoranthene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	802
NP051-26-376661	NPDES Outfall 051	08/04/2026	86-73-7	Fluorene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	288
NP051-26-376662	NPDES Outfall 051	08/04/2026	F(-1)	Fluoride	0.0539	mg/L	J	Y	F	2026-971	REG	EPA:300.0	0.033	1.6
NP051-26-376661	NPDES Outfall 051	08/04/2026	76-44-8	Heptachlor	0.00677	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.00677	0.0221
NP051-26-376661	NPDES Outfall 051	08/04/2026	118-74-1	Hexachlorobenzene	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.0976
NP051-26-376661	NPDES Outfall 051	08/04/2026	87-68-3	Hexachlorobutadiene	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	1.39
NP051-26-376661	NPDES Outfall 051	08/04/2026	77-47-4	Hexachlorocyclopentadiene	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.411
NP051-26-376661	NPDES Outfall 051	08/04/2026	67-72-1	Hexachloroethane	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	3.28
NP051-26-376661	NPDES Outfall 051	08/04/2026	2691-41-0	HMX	0.0804	ug/L	U	N	UF	2026-971	REG	SW-846:8330B	0.0804	1,000
NP051-26-376662	NPDES Outfall 051	08/04/2026	FE	Iron	30	ug/L	U	N	F	2026-971	REG	EPA:200.7	30	1,000
NP051-26-376661	NPDES Outfall 051	08/04/2026	78-59-1	Isophorone	3.5	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3.5	781
NP051-26-376662	NPDES Outfall 051	08/04/2026	PB	Lead	0.5	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.5	15
NP051-26-376662	NPDES Outfall 051	08/04/2026	MN	Manganese	2	ug/L	U	N	F	2026-971	REG	EPA:200.7	2	200
NP051-26-376726	NPDES Outfall 051	08/04/2026	HG	Mercury	0.067	ug/L	U	N	UF	2026-971	FD	EPA:245.2	0.067	2
NP051-26-376661	NPDES Outfall 051	08/04/2026	HG	Mercury	0.067	ug/L	U	N	UF	2026-971	REG	EPA:245.2	0.067	2
NP051-26-376662	NPDES Outfall 051	08/04/2026	HG	Mercury	0.067	ug/L	U	N	F	2026-971	REG	EPA:245.2	0.067	2
NP051-26-376661	NPDES Outfall 051	08/04/2026	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	100
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.5	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	90-12-0	Methylnaphthalene[1-]	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	11.4
NP051-26-376661	NPDES Outfall 051	08/04/2026	91-57-6	Methylnaphthalene[2-]	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	35.1
NP051-26-376662	NPDES Outfall 051	08/04/2026	MO	Molybdenum	0.2	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.2	1,000
NP051-26-376661	NPDES Outfall 051	08/04/2026	91-20-3	Naphthalene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	30
NP051-26-376662	NPDES Outfall 051	08/04/2026	NI	Nickel	0.6	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.6	200
NP051-26-376662	NPDES Outfall 051	08/04/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.14	mg/L	NQ	Y	F	2026-971	REG	EPA:353.2	0.017	15
NP051-26-376665	NPDES Outfall 051	08/04/2026	NO2-N	Nitrite as Nitrogen	0.033	mg/L	U	N	F	2026-965	REG	EPA:300.0	0.033	1
NP051-26-376661	NPDES Outfall 051	08/04/2026	98-95-3	Nitrobenzene	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	1.4
NP051-26-376661	NPDES Outfall 051	08/04/2026	924-16-3	Nitroso-di-n-butylamine[N-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.0273
NP051-26-376661	NPDES Outfall 051	08/04/2026	55-18-5	Nitrosodiethylamine[N-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.00167
NP051-26-376661	NPDES Outfall 051	08/04/2026	62-75-9	Nitrosodimethylamine[N-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.00491
NP051-26-376661	NPDES Outfall 051	08/04/2026	930-55-2	Nitrosopyrrolidine[N-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	0.37
NP051-26-376661	NPDES Outfall 051	08/04/2026	108-60-1	Oxybis(1-chloropropane)[2,2'-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	9.81
NP051-26-376661	NPDES Outfall 051	08/04/2026	608-93-5	Pentachlorobenzene	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	3.07
NP051-26-376661	NPDES Outfall 051	08/04/2026	87-86-5	Pentachlorophenol	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	1
NP051-26-376661	NPDES Outfall 051	08/04/2026	CLO4	Perchlorate	0.05	ug/L	U	N	UF	2026-971	REG	SW-846:6850	0.05	13.8
NP051-26-376661	NPDES Outfall 051	08/04/2026	355-46-4	Perfluorohexanesulfonic acid	0.629	ng/L	U	N	UF	2026-971	REG	EPA:1633A	0.629	401
NP051-26-376661	NPDES Outfall 051	08/04/2026	1763-23-1	Perfluorooctanesulfonic acid	0.639	ng/L	U	N	UF	2026-971	REG	EPA:1633A	0.639	60.2
NP051-26-376661	NPDES Outfall 051	08/04/2026	335-67-1	Perfluorooctanoic acid	0.689	ng/L	U	N	UF	2026-971	REG	EPA:1633A	0.689	60.2
	NPDES Outfall 051	08/04/2026	pH	pH	6.9	S.U.								6-9
NP051-26-376661	NPDES Outfall 051	08/04/2026	85-01-8	Phenanthrene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	170
NP051-26-376661	NPDES Outfall 051	08/04/2026	108-95-2	Phenol	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	1610-18-0	Prometon	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	250
NP051-26-376661	NPDES Outfall 051	08/04/2026	129-00-0	Pyrene	0.3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	0.3	117
NP051-26-376661	NPDES Outfall 051	08/04/2026	RA-226	Radium-226	0.403	pCi/L	UJ	N	UF	2026-971	REG	EPA:903.1	0.523	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	RA-228	Radium-228	0.678	pCi/L	UJ	N	UF	2026-971	REG	EPA:904	0.995	-
NP051-26-376661	NPDES Outfall 051	08/04/2026	RA-226+228	Radium-226 and Radium-228	1.08	pCi/L	UJ	N	UF	2026-971	REG	Generic:Radium by Calculation	-	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	121-82-4	RDX	0.0804	ug/L	U	N	UF	2026-971	REG	SW-846:8330B	0.0804	9.66
NP051-26-376662	NPDES Outfall 051	08/04/2026	SE	Selenium	1.5	ug/L	U	N	F	2026-971	REG	EPA:200.8	1.5	50
NP051-26-376662	NPDES Outfall 051	08/04/2026	AG	Silver	0.3	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.3	50
NP051-26-376661	NPDES Outfall 051	08/04/2026	100-42-5	Styrene	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	100
NP051-26-376724	NPDES Outfall 051	08/04/2026	SO4(-2)	Sulfate	0.424	mg/L	NQ	Y	F	2026-971	FD	EPA:300.0	0.133	600
NP051-26-376662	NPDES Outfall 051	08/04/2026	SO4(-2)	Sulfate	0.432	mg/L	NQ	Y	F	2026-971	REG	EPA:300.0	0.133	600
NP051-26-376661	NPDES Outfall 051	08/04/2026	126-33-0	Sulfolane	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	20
NP051-26-376661	NPDES Outfall 051	08/04/2026	95-94-3	Tetrachlorobenzene[1,2,4,5]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	1.66
NP051-26-376661	NPDES Outfall 051	08/04/2026	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	10
NP051-26-376661	NPDES Outfall 051	08/04/2026	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	5
NP051-26-376662	NPDES Outfall 051	08/04/2026	TL	Thallium	0.6	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.6	2
NP051-26-376661	NPDES Outfall 051	08/04/2026	108-88-3	Toluene	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	1,000
NP051-26-376662	NPDES Outfall 051	08/04/2026	TDS	Total Dissolved Solids	121	mg/L	NQ	Y	F	2026-971	REG	EPA:160.1	2.38	1,000
NP051-26-376662	NPDES Outfall 051	08/04/2026	TKN	Total Kjeldahl Nitrogen	7.38	mg/L	NQ	Y	F	2026-971	REG	EPA:351.2	0.132	15
NP051-26-376661	NPDES Outfall 051	08/04/2026	8001-35-2	Toxaphene (Technical Grade)	0.153	ug/L	UJ	N	UF	2026-971	REG	SW-846:8081B	0.153	0.158
NP051-26-376661	NPDES Outfall 051	08/04/2026	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	70
NP051-26-376661	NPDES Outfall 051	08/04/2026	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	0.2
NP051-26-376661	NPDES Outfall 051	08/04/2026	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	5
NP051-26-376661	NPDES Outfall 051	08/04/2026	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	5

Table 2. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the NPDES Outfall 051 on August 4, 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]
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	1,140
NP051-26-376661	NPDES Outfall 051	08/04/2026	95-95-4	Trichlorophenol[2,4,5-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	1,170
NP051-26-376661	NPDES Outfall 051	08/04/2026	88-06-2	Trichlorophenol[2,4,6-]	3	ug/L	U	N	UF	2026-971	REG	SW-846:8270E	3	11.9
NP051-26-376661	NPDES Outfall 051	08/04/2026	118-96-7	Trinitrotoluene[2,4,6-]	0.0804	ug/L	U	N	UF	2026-971	REG	SW-846:8330B	0.0804	9.8
NP051-26-376662	NPDES Outfall 051	08/04/2026	U	Uranium	0.067	ug/L	U	N	F	2026-971	REG	EPA:200.8	0.067	30
NP051-26-376661	NPDES Outfall 051	08/04/2026	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	2
NP051-26-376661	NPDES Outfall 051	08/04/2026	1330-20-7	Xylene (Total)	1	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	1	620
NP051-26-376661	NPDES Outfall 051	08/04/2026	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.333	193
NP051-26-376661	NPDES Outfall 051	08/04/2026	XYLENE[M+P]	Xylene[1,3-]+Xylene[1,4-]	0.5	ug/L	U	N	UF	2026-971	REG	SW-846:8260D	0.5	386
NP051-26-376662	NPDES Outfall 051	08/04/2026	ZN	Zinc	3.51	ug/L	J	Y	F	2026-971	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
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] 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
The DP-1132 standard for Total Nitrogen (TKN + NO_3-N) is 15 mg/L for discharges to Outfall 051 (Condition No. 16)
Groundwater Limit for combined naphthalene plus monomethlynaphthalenes is 30 µg/L, which represents the 20.6.2.3103 NMAC Groundwater Standard

Table 3. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the NPDES Outfall 051 on September 10, 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]
NP051-26-376682	NPDES Outfall 051	09/10/2026	107-02-8	Acrolein	1.67	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	1.67	0.0415
NP051-26-376682	NPDES Outfall 051	09/10/2026	107-13-1	Acrylonitrile	1.67	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	1.67	0.523
NP051-26-376682	NPDES Outfall 051	09/10/2026	309-00-2	Aldrin	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	0.00198
NP051-26-376681	NPDES Outfall 051	09/10/2026	AL	Aluminum	19.3	ug/L	U	N	F	2026-1137	REG	EPA:200.8	19.3	5,000
NP051-26-376682	NPDES Outfall 051	09/10/2026	120-12-7	Anthracene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	1,720
NP051-26-376681	NPDES Outfall 051	09/10/2026	SB	Antimony	1	ug/L	U	N	F	2026-1137	REG	EPA:200.8	1	6
NP051-26-376682	NPDES Outfall 051	09/10/2026	12674-11-2	Aroclor-1016	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	-
NP051-26-376682	NPDES Outfall 051	09/10/2026	11104-28-2	Aroclor-1221	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	-
NP051-26-376682	NPDES Outfall 051	09/10/2026	11141-16-5	Aroclor-1232	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	-
NP051-26-376682	NPDES Outfall 051	09/10/2026	53469-21-9	Aroclor-1242	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	-
NP051-26-376682	NPDES Outfall 051	09/10/2026	12672-29-6	Aroclor-1248	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	-
NP051-26-376682	NPDES Outfall 051	09/10/2026	11097-69-1	Aroclor-1254	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	-
NP051-26-376682	NPDES Outfall 051	09/10/2026	11096-82-5	Aroclor-1260	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	-
NP051-26-376682	NPDES Outfall 051	09/10/2026	TOT AROCLOR	Total Aroclors for sum of all aroclors	0.0338	ug/L	U	N	UF	2026-1137	REG	SW-846:8082A	0.0338	0.5
NP051-26-376681	NPDES Outfall 051	09/10/2026	AS	Arsenic	2	ug/L	U	N	F	2026-1137	REG	EPA:200.8	2	10
NP051-26-376682	NPDES Outfall 051	09/10/2026	1912-24-9	Atrazine	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	3
NP051-26-376682	NPDES Outfall 051	09/10/2026	103-33-3	Azobenzene	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.78
NP051-26-376681	NPDES Outfall 051	09/10/2026	BA	Barium	0.67	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.67	2,000
NP051-26-376682	NPDES Outfall 051	09/10/2026	71-43-2	Benzene	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	92-87-5	Benzidine	3.9	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3.9	0.00109
NP051-26-376682	NPDES Outfall 051	09/10/2026	50-32-8	Benzo(a)pyrene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	0.2
NP051-26-376682	NPDES Outfall 051	09/10/2026	205-99-2	Benzo(b)fluoranthene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	0.343
NP051-26-376682	NPDES Outfall 051	09/10/2026	207-08-9	Benzo(k)fluoranthene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	3.43
NP051-26-376681	NPDES Outfall 051	09/10/2026	BE	Beryllium	0.2	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.2	4
NP051-26-376682	NPDES Outfall 051	09/10/2026	319-84-6	BHC[alpha-]	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	0.0693
NP051-26-376682	NPDES Outfall 051	09/10/2026	319-85-7	BHC[beta-]	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	0.243
NP051-26-376682	NPDES Outfall 051	09/10/2026	58-89-9	BHC[gamma-]	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	0.415
NP051-26-376682	NPDES Outfall 051	09/10/2026	111-44-4	Bis(2-chloroethyl)ether	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.137
NP051-26-376682	NPDES Outfall 051	09/10/2026	117-81-7	Bis(2-ethylhexyl)phthalate	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	55.6
NP051-26-376681	NPDES Outfall 051	09/10/2026	B	Boron	18.9	ug/L	J	Y	F	2026-1137	REG	EPA:200.7	15	750
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-27-4	Bromodichloromethane	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	1.34
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-25-2	Bromoform	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	32.9
NP051-26-376682	NPDES Outfall 051	09/10/2026	74-83-9	Bromomethane	0.337	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.337	7.54
NP051-26-376681	NPDES Outfall 051	09/10/2026	CD	Cadmium	0.3	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.3	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	56-23-5	Carbon Tetrachloride	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	57-74-9	Chlordane(alpha/gamma)	0.0765	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.0765	0.448
NP051-26-376682	NPDES Outfall 051	09/10/2026	5103-71-9	Chlordane[alpha-]	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	0.448
NP051-26-376682	NPDES Outfall 051	09/10/2026	5103-74-2	Chlordane[gamma-]	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	0.448
NP051-26-376681	NPDES Outfall 051	09/10/2026	CL(-1)	Chloride	47	mg/L	NQ	Y	F	2026-1137	REG	EPA:300.0	0.67	250
NP051-26-376682	NPDES Outfall 051	09/10/2026	108-90-7	Chlorobenzene	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	77.6
NP051-26-376682	NPDES Outfall 051	09/10/2026	67-66-3	Chloroform	12.5	ug/L	NQ	Y	UF	2026-1137	REG	SW-846:8260D	0.333	100
NP051-26-376682	NPDES Outfall 051	09/10/2026	74-87-3	Chloromethane	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	20.3
NP051-26-376681	NPDES Outfall 051	09/10/2026	CR	Chromium	3	ug/L	U	N	F	2026-1137	REG	EPA:200.8	3	50
NP051-26-376681	NPDES Outfall 051	09/10/2026	CO	Cobalt	0.3	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.3	50
NP051-26-376681	NPDES Outfall 051	09/10/2026	CU	Copper	0.747	ug/L	J	Y	F	2026-1137	REG	EPA:200.8	0.3	1,000
NP051-26-376681	NPDES Outfall 051	09/10/2026	CN(TOTAL)	Cyanide (Total)	0.00167	mg/L	UJ	N	F	2026-1137	REG	EPA:335.4	0.00167	200
NP051-26-376682	NPDES Outfall 051	09/10/2026	50-29-3	DDT[4,4'-]	0.01	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.01	2.29
NP051-26-376682	NPDES Outfall 051	09/10/2026	84-74-2	Di-n-butylphthalate	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	885
NP051-26-376682	NPDES Outfall 051	09/10/2026	106-93-4	Dibromoethane[1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	0.05
NP051-26-376682	NPDES Outfall 051	09/10/2026	95-50-1	Dichlorobenzene[1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	600
NP051-26-376682	NPDES Outfall 051	09/10/2026	106-46-7	Dichlorobenzene[1,4-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	75

Table 3. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the NPDES Outfall 051 on September 10, 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]
NP051-26-376682	NPDES Outfall 051	09/10/2026	91-94-1	Dichlorobenzidine[3,3'-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	1.25
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-71-8	Dichlorodifluoromethane	0.355	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.355	197
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-34-3	Dichloroethane[1,1-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	25
NP051-26-376682	NPDES Outfall 051	09/10/2026	107-06-2	Dichloroethane[1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-35-4	Dichloroethene[1,1-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	7
NP051-26-376682	NPDES Outfall 051	09/10/2026	156-59-2	Dichloroethene[cis-1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	70
NP051-26-376682	NPDES Outfall 051	09/10/2026	156-60-5	Dichloroethene[trans-1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	100
NP051-26-376682	NPDES Outfall 051	09/10/2026	120-83-2	Dichlorophenol[2,4-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	45.3
NP051-26-376682	NPDES Outfall 051	09/10/2026	78-87-5	Dichloropropane[1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	542-75-6	Dichloropropene[cis/trans-1,3-]	0.5	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.5	4.71
NP051-26-376682	NPDES Outfall 051	09/10/2026	60-57-1	Dieldrin	0.01	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.01	0.0175
NP051-26-376682	NPDES Outfall 051	09/10/2026	84-66-2	Diethylphthalate	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	14,800
NP051-26-376682	NPDES Outfall 051	09/10/2026	131-11-3	Dimethyl Phthalate	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	612
NP051-26-376682	NPDES Outfall 051	09/10/2026	534-52-1	Dinitro-2-methylphenol[4,6-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	1.52
NP051-26-376682	NPDES Outfall 051	09/10/2026	51-28-5	Dinitrophenol[2,4-]	5	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	5	38.7
NP051-26-376682	NPDES Outfall 051	09/10/2026	121-14-2	Dinitrotoluene[2,4-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	2.37
NP051-26-376682	NPDES Outfall 051	09/10/2026	606-20-2	Dinitrotoluene[2,6-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.485
NP051-26-376682	NPDES Outfall 051	09/10/2026	123-91-1	Dioxane[1,4-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	4.59
NP051-26-376682	NPDES Outfall 051	09/10/2026	122-39-4	Diphenylamine	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	122
NP051-26-376682	NPDES Outfall 051	09/10/2026	959-98-8	Endosulfan I	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	98.7
NP051-26-376682	NPDES Outfall 051	09/10/2026	33213-65-9	Endosulfan II	0.01	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.01	98.7
NP051-26-376682	NPDES Outfall 051	09/10/2026	72-20-8	Endrin	0.01	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.01	2.23
NP051-26-376682	NPDES Outfall 051	09/10/2026	100-41-4	Ethylbenzene	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	700
NP051-26-376682	NPDES Outfall 051	09/10/2026	206-44-0	Fluoranthene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	802
NP051-26-376682	NPDES Outfall 051	09/10/2026	86-73-7	Fluorene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	288
NP051-26-376681	NPDES Outfall 051	09/10/2026	F(-1)	Fluoride	0.0717	mg/L	J	Y	F	2026-1137	REG	EPA:300.0	0.033	1.6
NP051-26-376682	NPDES Outfall 051	09/10/2026	76-44-8	Heptachlor	0.00665	ug/L	U	N	UF	2026-1137	REG	SW-846:8081B	0.00665	0.0221
NP051-26-376682	NPDES Outfall 051	09/10/2026	118-74-1	Hexachlorobenzene	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.0976
NP051-26-376682	NPDES Outfall 051	09/10/2026	87-68-3	Hexachlorobutadiene	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	1.39
NP051-26-376682	NPDES Outfall 051	09/10/2026	77-47-4	Hexachlorocyclopentadiene	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.411
NP051-26-376682	NPDES Outfall 051	09/10/2026	67-72-1	Hexachloroethane	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	3.28
NP051-26-376682	NPDES Outfall 051	09/10/2026	2691-41-0	HMX	0.0826	ug/L	U	N	UF	2026-1137	REG	SW-846:8330B	0.0826	1,000
NP051-26-376681	NPDES Outfall 051	09/10/2026	FE	Iron	30	ug/L	U	N	F	2026-1137	REG	EPA:200.7	30	1,000
NP051-26-376682	NPDES Outfall 051	09/10/2026	78-59-1	Isophorone	3.5	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3.5	781
NP051-26-376681	NPDES Outfall 051	09/10/2026	PB	Lead	0.5	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.5	15
NP051-26-376681	NPDES Outfall 051	09/10/2026	MN	Manganese	2	ug/L	U	N	F	2026-1137	REG	EPA:200.7	2	200
NP051-26-376727	NPDES Outfall 051	09/10/2026	HG	Mercury	0.067	ug/L	U	N	UF	2026-1137	FD	EPA:245.2	0.067	2
NP051-26-376681	NPDES Outfall 051	09/10/2026	HG	Mercury	0.067	ug/L	U	N	F	2026-1137	REG	EPA:245.2	0.067	2
NP051-26-376682	NPDES Outfall 051	09/10/2026	HG	Mercury	0.067	ug/L	U	N	UF	2026-1137	REG	EPA:245.2	0.067	2
NP051-26-376682	NPDES Outfall 051	09/10/2026	1634-04-4	Methyl tert-Butyl Ether	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	100
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-09-2	Methylene Chloride	0.5	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.5	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	90-12-0	Methylnaphthalene[1-]	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	11.4
NP051-26-376682	NPDES Outfall 051	09/10/2026	91-57-6	Methylnaphthalene[2-]	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	35.1
NP051-26-376681	NPDES Outfall 051	09/10/2026	MO	Molybdenum	0.2	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.2	1,000
NP051-26-376682	NPDES Outfall 051	09/10/2026	91-20-3	Naphthalene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	30
NP051-26-376681	NPDES Outfall 051	09/10/2026	NI	Nickel	0.6	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.6	200
NP051-26-376681	NPDES Outfall 051	09/10/2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	0.262	mg/L	NQ	Y	F	2026-1137	REG	EPA:353.2	0.085	10
NP051-26-376678	NPDES Outfall 051	09/10/2026	NO2-N	Nitrite as Nitrogen	0.15	mg/L	NQ	Y	F	2026-1135	REG	EPA:300.0	0.033	1
NP051-26-376682	NPDES Outfall 051	09/10/2026	98-95-3	Nitrobenzene	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	1.4
NP051-26-376682	NPDES Outfall 051	09/10/2026	924-16-3	Nitroso-di-n-butylamine[N-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.0273
NP051-26-376682	NPDES Outfall 051	09/10/2026	55-18-5	Nitrosodiethylamine[N-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.00167

Table 3. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the NPDES Outfall 051 on September 10, 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]
NP051-26-376682	NPDES Outfall 051	09/10/2026	62-75-9	Nitrosodimethylamine[N-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.00491
NP051-26-376682	NPDES Outfall 051	09/10/2026	930-55-2	Nitrosopyrrolidine[N-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	0.37
NP051-26-376682	NPDES Outfall 051	09/10/2026	108-60-1	Oxybis(1-chloropropane)[2,2'-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	9.81
NP051-26-376682	NPDES Outfall 051	09/10/2026	608-93-5	Pentachlorobenzene	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	3.07
NP051-26-376682	NPDES Outfall 051	09/10/2026	87-86-5	Pentachlorophenol	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	1
NP051-26-376682	NPDES Outfall 051	09/10/2026	CLO4	Perchlorate	0.05	ug/L	U	N	UF	2026-1137	REG	SW-846:6850	0.05	13.8
NP051-26-376682	NPDES Outfall 051	09/10/2026	355-46-4	Perfluorohexanesulfonic acid	0.599	ng/L	U	N	UF	2026-1137	REG	EPA:1633A	0.599	401
NP051-26-376682	NPDES Outfall 051	09/10/2026	1763-23-1	Perfluorooctanesulfonic acid	0.608	ng/L	U	N	UF	2026-1137	REG	EPA:1633A	0.608	60.2
NP051-26-376682	NPDES Outfall 051	09/10/2026	335-67-1	Perfluorooctanoic acid	0.655	ng/L	U	N	UF	2026-1137	REG	EPA:1633A	0.655	60.2
	NPDES Outfall 051	09/10/2026	pH	pH	6.7	S.U.								6-9
NP051-26-376682	NPDES Outfall 051	09/10/2026	85-01-8	Phenanthrene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	170
NP051-26-376682	NPDES Outfall 051	09/10/2026	108-95-2	Phenol	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	1610-18-0	Prometon	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	250
NP051-26-376682	NPDES Outfall 051	09/10/2026	129-00-0	Pyrene	0.3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	0.3	117
NP051-26-376682	NPDES Outfall 051	09/10/2026	RA-226	Radium-226	0.216	pCi/L	UJ	N	UF	2026-1137	REG	EPA:903.1	0.236	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	RA-228	Radium-228	0.66	pCi/L	U	Y	UF	2026-1137	REG	EPA:904	0.603	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	RA-226+228	Radium-226 and Radium-228	0.876	pCi/L	UJ	N	UF	2026-1137	REG	Generic:Radium by Calculation	-	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	121-82-4	RDX	0.0826	ug/L	U	N	UF	2026-1137	REG	SW-846:8330B	0.0826	9.66
NP051-26-376681	NPDES Outfall 051	09/10/2026	SE	Selenium	1.5	ug/L	U	N	F	2026-1137	REG	EPA:200.8	1.5	50
NP051-26-376681	NPDES Outfall 051	09/10/2026	AG	Silver	0.3	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.3	50
NP051-26-376682	NPDES Outfall 051	09/10/2026	100-42-5	Styrene	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	100
NP051-26-376729	NPDES Outfall 051	09/10/2026	SO4(-2)	Sulfate	0.683	mg/L	NQ	Y	F	2026-1137	FD	EPA:300.0	0.133	600
NP051-26-376681	NPDES Outfall 051	09/10/2026	SO4(-2)	Sulfate	0.724	mg/L	NQ	Y	F	2026-1137	REG	EPA:300.0	0.133	600
NP051-26-376682	NPDES Outfall 051	09/10/2026	126-33-0	Sulfolane	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	20
NP051-26-376682	NPDES Outfall 051	09/10/2026	95-94-3	Tetrachlorobenzene[1,2,4,5]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	1.66
NP051-26-376682	NPDES Outfall 051	09/10/2026	79-34-5	Tetrachloroethane[1,1,2,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	10
NP051-26-376682	NPDES Outfall 051	09/10/2026	127-18-4	Tetrachloroethene	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	5
NP051-26-376681	NPDES Outfall 051	09/10/2026	TL	Thallium	0.6	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.6	2
NP051-26-376682	NPDES Outfall 051	09/10/2026	108-88-3	Toluene	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	1,000
NP051-26-376681	NPDES Outfall 051	09/10/2026	TDS	Total Dissolved Solids	122	mg/L	J	Y	F	2026-1137	REG	EPA:160.1	2.38	1,000
NP051-26-376681	NPDES Outfall 051	09/10/2026	TKN	Total Kjeldahl Nitrogen	5.42	mg/L	NQ	Y	F	2026-1137	REG	EPA:351.2	0.132	15
NP051-26-376682	NPDES Outfall 051	09/10/2026	8001-35-2	Toxaphene (Technical Grade)	0.15	ug/L	UJ	N	UF	2026-1137	REG	SW-846:8081B	0.15	0.158
NP051-26-376682	NPDES Outfall 051	09/10/2026	120-82-1	Trichlorobenzene[1,2,4-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	70
NP051-26-376682	NPDES Outfall 051	09/10/2026	71-55-6	Trichloroethane[1,1,1-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	0.2
NP051-26-376682	NPDES Outfall 051	09/10/2026	79-00-5	Trichloroethane[1,1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	79-01-6	Trichloroethene	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	5
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-69-4	Trichlorofluoromethane	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	1,140
NP051-26-376682	NPDES Outfall 051	09/10/2026	95-95-4	Trichlorophenol[2,4,5-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	1,170
NP051-26-376682	NPDES Outfall 051	09/10/2026	88-06-2	Trichlorophenol[2,4,6-]	3	ug/L	U	N	UF	2026-1137	REG	SW-846:8270E	3	11.9
NP051-26-376682	NPDES Outfall 051	09/10/2026	118-96-7	Trinitrotoluene[2,4,6-]	0.0826	ug/L	U	N	UF	2026-1137	REG	SW-846:8330B	0.0826	9.8
NP051-26-376681	NPDES Outfall 051	09/10/2026	U	Uranium	0.067	ug/L	U	N	F	2026-1137	REG	EPA:200.8	0.067	30
NP051-26-376682	NPDES Outfall 051	09/10/2026	75-01-4	Vinyl Chloride	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	2
NP051-26-376682	NPDES Outfall 051	09/10/2026	1330-20-7	Xylene (Total)	1	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	1	620
NP051-26-376682	NPDES Outfall 051	09/10/2026	95-47-6	Xylene[1,2-]	0.333	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.333	193
NP051-26-376682	NPDES Outfall 051	09/10/2026	XYLENE[M+P]	Xylene[1,3-]+Xylene[1,4-]	0.5	ug/L	U	N	UF	2026-1137	REG	SW-846:8260D	0.5	386
NP051-26-376681	NPDES Outfall 051	09/10/2026	ZN	Zinc	3.3	ug/L	U	N	F	2026-1137	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

Table 3. Analytical Results from Quarterly Sampling of RLWTF Treated Effluent Discharged to the NPDES Outfall 051 on September 10, 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]

SU - standard units
pCi/L - picocuries 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
UJ - The analyte is classified as not detected, with an expectation that the reported result is 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
The DP-1132 standard for Total Nitrogen (TKN + NO_3-N) is 15 mg/L for discharges to Outfall 051 (Condition No. 16)
Groundwater Limit for combined naphthalene plus monomethlynaphthalenes is 30 µg/L, which represents the 20.6.2.3103 NMAC Groundwater Standard

Attachment 5

Groundwater Monitoring Report - Third Quarter 2026

EPC-DO: 26-241
LA-UR-26-29184

Date: October 30, 2026

Quarterly Groundwater Monitoring Report – Third Quarter 2026

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MCA-RLW-1, Third Quarter 2026

a	Sample Date	7/8/2026
b	Sample Time	0911
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))	6,864.4
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 July 8, 2026, due to insufficient water in the well. The well only contained 0.1 ft of standing water.

MCA-RLW-2, Third Quarter 2026

a	Sample Date	7/8/2026
b	Sample Time	0928
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))	6,806.2
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 July 8, 2026, due to insufficient water in the well. The well only contained 0.33 ft of standing water.

MCOI-6, Third Quarter 2026

a	Sample Date	7/15/2026
b	Sample Time	1117
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))	6,136.22
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)	123.9
j	Physical parameters including temperature, conductivity, pH, oxidation/reduction potential	DO (mg/L): 7.35 Oxidation/Reduction Potential (MV): 162.7 Temp (deg C): 18.0 pH (SU): 7.36 Turbidity (NTU): 0.72 Specific Conductance (µS/cm): 527
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

Chain of Custody/Analysis Request

MCO1-CO

COC/Lab Request #: N3B-2026-3177

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: 17859

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_Al+Se+7470_Hg	SW-846:9012_CN(T)	SW-846:IFGMP_Metals
CAMO-26-401661	07/15/2026	11:17	W		1		1	1	
CAMO-26-401662	07/15/2026	11:17	W	1		1			1

Special Instructions:

Relinquished by:	**Print Name:** Brianna Lopez	**Date/Time:** 1230 07/15/2026	**Received by:**	**Print Name:**	**Date/Time:** 07/15/2026 1230
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 July 15, 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-26-401662	MCOI-6	07-15-2026	Cl(-1)	Chloride	40.7	mg/L	NQ	Y	F	N3B-2026-3183	REG	SW-846:9056A	0.67	250
CAMO-26-401662	MCOI-6	07-15-2026	F(-1)	Fluoride	0.478	mg/L	NQ	Y	F	N3B-2026-3183	REG	SW-846:9056A	0.033	1.6
CAMO-26-401662	MCOI-6	07-15-2026	NO3+NO2-N	Nitrate-Nitrite as Nitrogen	14.9	mg/L	NQ	Y	F	N3B-2026-3183	REG	EPA:353.2	0.17	10
CAMO-26-401662	MCOI-6	07-15-2026	ClO4	Perchlorate	130	ug/L	NQ	Y	F	N3B-2026-3183	REG	SW-846:6850	1	13.8
CAMO-26-401662	MCOI-6	07-15-2026	TDS	Total Dissolved Solids	377	mg/L	NQ	Y	F	N3B-2026-3183	REG	EPA:160.1	2.38	1,000
CAMO-26-401661	MCOI-6	07-15-2026	TKN	Total Kjeldahl Nitrogen	0.033	mg/L	UJ	N	UF	N3B-2026-3183	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

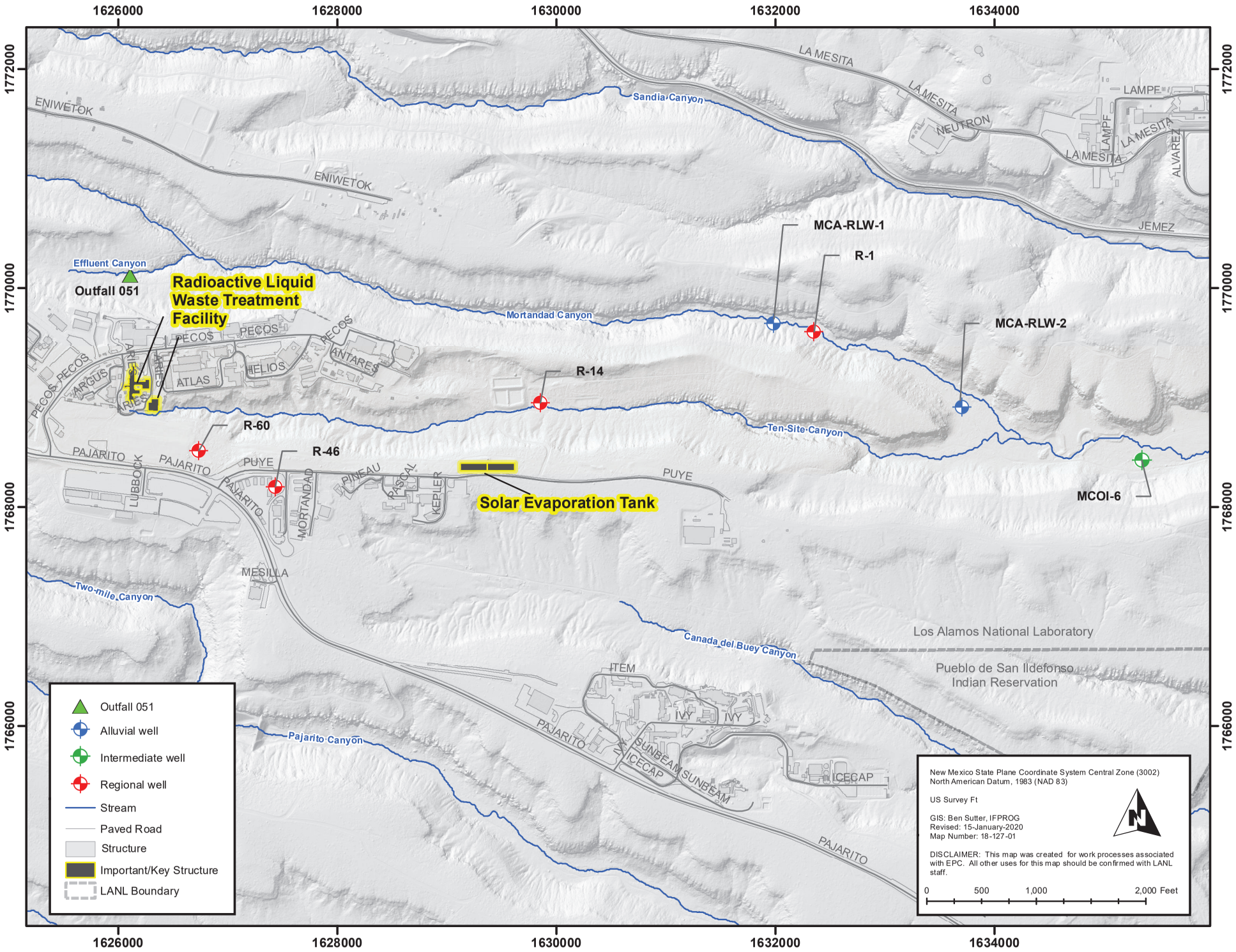
Attachment 6

Monitoring Well Location Map

EPC-DO: 26-241

LA-UR-26-29184

Date: October 30, 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
R-60
R-46
R-14
R-1
MCA-RLW-1
MCA-RLW-2
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