

U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

FY 2025 Accomplishments and FY 2026 Annual Plan for Cleanup of Los Alamos National Laboratory (LANL) Legacy Waste

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U.S. DEPARTMENT
of **ENERGY**

Office of Environmental
Management

Legacy Cleanup Overview

- Fiscal Year (FY) 2025 Accomplishments
 - 11 Appendix B Milestones completed in FY 2025
 - 9 submitted to New Mexico Environment Department (NMED) before due dates
 - 2 submitted to NMED on due dates
 - 83 other Consent Order deliverables submitted to NMED in FY 2025
- FY 2026 Milestones under 2016 Compliance Order on Consent, as revised in 2024 (Consent Order)
 - 10 Appendix B Milestones agreed to between NMED and DOE for FY 2026
 - 6 Class A Campaign Milestones
 - Class A Campaigns are those Campaigns in which DOE/NMED agree that Campaign Completion Dates can be established.
 - 4 Class B Campaign Milestones
 - Class B Campaigns are those Campaigns for which DOE/NMED agree that Campaign Completion Dates cannot yet be established due to the status of corrective action activities, as well as new Campaigns established per Sections 2.B.5 and 8.C of the Consent Order.



Class A and B Campaigns

Class	Campaign ¹	Campaign Completion Date ²	Number of SWMUs/AOCs Awaiting COCs	Total SWMUs/AOCs ³
A	Supplemental Investigation Reports	3/30/2026	0	226
A	Historical Properties Completion	12/28/2029	54	93
A	Southern External Boundary	1/30/2030	68	74
A	Pajarito Watershed	9/30/2032	169	178
A	Sandia Canyon Watershed	11/27/2032	37	70
A	Upper Water Watershed	2/2/2043	248	273
	Total Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs)		612	914
B	Hexavalent Chromium		0	0
B	Royal Demolition Explosives (RDX)		2	2
B	Material Disposal Area C Remedy ⁴		1	1
B	Material Disposal Area L Remedy		1	1
B	Material Disposal Area H Remedy		1	1
B	Material Disposal Area AB Remedy		7	7
B	Material Disposal Area A Remedy		1	1
B	Material Disposal Area T Remedy		8	8
B	Material Disposal Area G Remedy		11	11
B	Technical Area 21 Cleanup		38	68
	Total SWMUs/AOCs		69	100

¹Campaign descriptions are provided in Appendix C of the Consent Order.

²Campaign Completion Date is based on various assumptions, including prioritization of Campaigns, estimates on funding for future fiscal years, and timely approvals from government agencies on permits/licenses/reports. Assumptions in determining Campaign Completion Dates are provided in Section C.5.

³Total SWMUs/AOCs includes the sum of SWMUs/AOCs currently and previously associated with the specific Campaign.

⁴In July 2025, DOE submitted a notice of deferral for MDA C. Awaiting on decision for administrative proceeding.



FY 2025 Accomplishments Highlights

Hexavalent Chromium Campaign

- Two FY 2025 Appendix B Milestones Completed:
 - *Annual Progress Report on Chromium Interim Measure and Characterization*
 - *Report on Aquifer Testing of Regional Aquifer Monitoring Well R-42*
- Completed drilling borehole for San Ildefonso Mortandad Regional 3 (SIMR-3) monitoring well to a total depth of 1,060 ft below ground surface
- Completed maintenance on eight regional wells (R-12, R-70, R-44, R-57, R-37, R-23, R-35a, CrEX-4)
- Installed permanent sampling system for monitoring well R-76
- Close consultation with Pueblo de San Ildefonso



FY 2025 Accomplishments Highlights (Cont'd)

Hexavalent Chromium Campaign



Sampling CTU-A



R-42 Spinner Test



SIMR-3 Drilling



CrEX-4 Well Maintenance

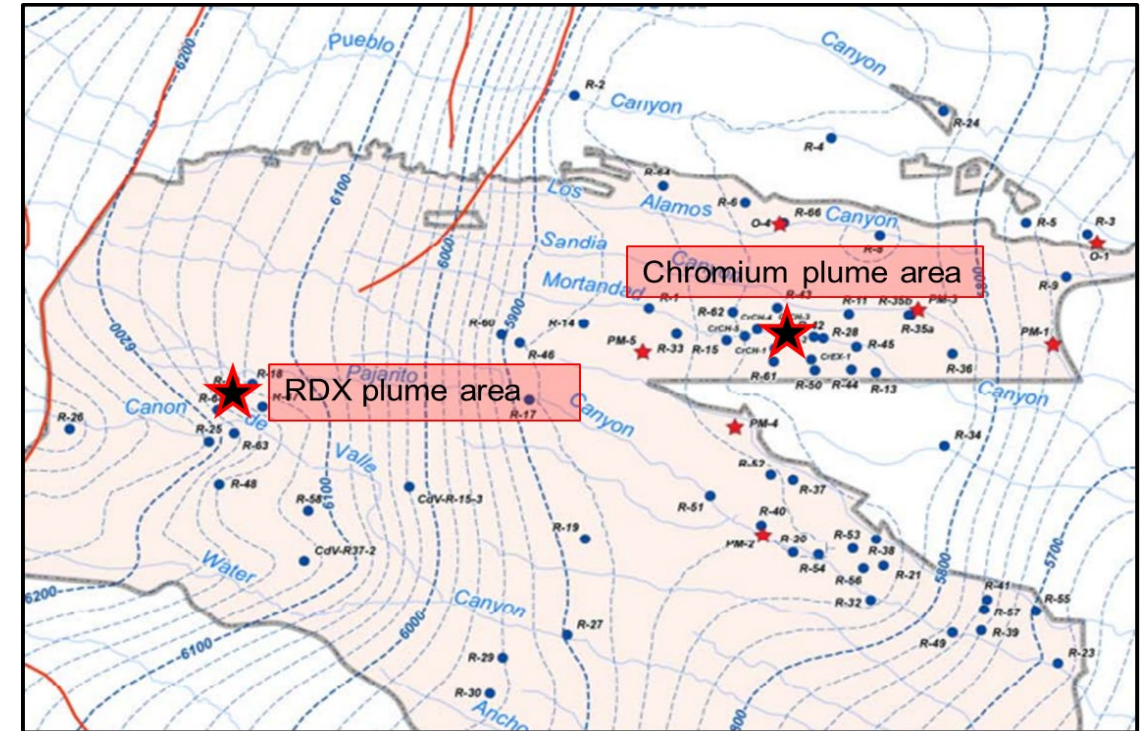


R-76 Installation of Permanent pump
Sampling System

FY 2025 Accomplishments Highlights (Cont'd)

Royal Demolition Explosives (RDX) Campaign

- Two FY 2025 Appendix B Milestones Completed:
 - *Annual Progress Report on the Corrective Measures Evaluation for Royal Demolition Explosive in Deep Groundwater*
 - *Annual Long-Term Monitoring and Maintenance Report on the Corrective Measures Implementation at Former 260 Outfall Area*



Modified Figure 2.3-2 from N3B 2022, 702351

Location of the RDX plume does not pose a hazard off-site or to any supply wells or nearby pueblos. The hexavalent chromium plume was determined to be a much higher priority by both EM-LA and NMED than the RDX plume.

FY 2025 Accomplishments Highlights (Cont'd)

Southern External Boundary Campaign

- One FY 2025 Appendix B Milestone Completed:
 - *Phase III Investigation Report for Chaquehui Canyon Aggregate Area*



AOC C-33-001 remediation activities



SWMU 33-012(a) remediation activities

FY 2025 Accomplishments Highlights (Cont'd)

Pajarito Watershed Campaign

- One FY 2025 Appendix B Milestone Completed:
 - *Investigation Report for Starmer/Upper Pajarito Canyon Aggregate Area*



Sonic Drill Rig to Collect Samples at SWMU 09-013



SWMU 08-004(c) Soil Sampling

FY 2025 Accomplishments Highlights (Cont'd)

Sandia Canyon Watershed Campaign

- One FY 2025 Appendix B Milestone Completed:
 - *Phase II Investigation Work Plan for Lower Sandia Canyon Aggregate Area*



FY 2025 Accomplishments Highlights (Cont'd)

Material Disposal Area C Remedy Campaign

- One FY 2025 Appendix B Milestone Completed
 - *Periodic Monitoring Report for 2024 Vapor-Sampling at Material Disposal Area C, Technical Area 50*

Material Disposal Area T Remedy Campaign

- One FY 2025 Appendix B Milestone Completed
 - *Supplemental Investigation Report for Material Disposal Area T, at Technical Area 21*

Material Disposal Area L Remedy Campaign

- One FY 2025 Appendix B Milestone Completed
 - *Periodic Monitoring Report for 2024 Vapor-Sampling and Soil-Vapor Extraction at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54*



FY 2025 Accomplishments Highlights (Cont'd)



MDA C Vapor Sampling



MDA T Vapor Sampling



MDA L Vapor Sampling

FY 2025 Accomplishments Highlights (Cont'd)

Other Milestones

- One FY 2025 Appendix B Milestone Completed:
 - *Interim Facility-Wide Groundwater Monitoring Plan Monitoring Year 2026, October 2025 – September 2026*
- IFGMP is an annual update to the integrated groundwater monitoring program with adjustments to sampling, monitoring groups, analytes and frequencies based on previous results



Sampling Rio Grande at Otowi Bridge



Rio Grande



Sampling R-44

FY 2026 Appendix B Milestones

Class	Campaign	Milestone #	Consent Order Milestone	Due Date
A	Historical Properties Completion	1	Phase III Investigation Work Plan for Pueblo Canyon Aggregate Area	9/30/2026
		2	Phase III Investigation Work Plan for Upper Los Alamos Canyon Aggregate Area	9/30/2026
A	Southern External Boundary	3	Phase III Investigation Report for Chaquehui Canyon Aggregate Area, Revision 1	6/3/2026
		4	Letter Documenting Work Executed in Potrillo and Fence Canyons Aggregate Area	9/30/2026
A	Pajarito Watershed	5	Investigation Report for Starmer/Upper Pajarito Canyon Aggregate Area, Revision 1	7/30/2026
		6	Letter Documenting Work Executed in Twomile Canyon Aggregate Area	9/30/2026
B	Hexavalent Chromium	7	Annual Report for Chromium Interim Measure and Characterization	9/30/2026
		8	Letter Documenting Start of the Drilling of Regional Aquifer Monitoring Well R-80	6/30/2026
		9	Work Plan for Aquifer Testing of Regional Well R-79	9/30/2026
B	Material Disposal Area L Remedy	10	Periodic Monitoring Report for Vapor-Sampling and Soil-Vapor Extraction at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54	5/29/2026



EM-LA Engagement

- NMED
- Wildland Fire Preparedness - Local Media
- National Governors Association
- Carlsbad Field Office / Waste Isolation Pilot Plant
- NM Congressional/Subcommittee Staffers
- NM State Representatives
- NM Radioactive and Hazardous Materials Committee
- Defense Nuclear Facilities Safety Board
- Tribal Governments
- Accord Pueblos Executive Leadership Meeting
- Accords Technical Exchange Meetings
- Local Community Organizations
- Non-governmental Organizations
- Los Alamos County
- Santa Fe County
- Buckman Direct Diversion Board
- Northern New Mexico Citizens' Advisory Board
- Environmental Management Cleanup Forums



National Governors Association Tour

Appendix A: SWMUs / AOCs List

Appendix B: Milestones

Appendix C: Campaigns

FY 2026 Appendices can be viewed at:

[2016 Consent Order | Department of Energy](#)



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EM-LA welcomes feedback on the LANL Legacy Cleanup Program

Email us at: LegacyCleanupFeedback@em-la.doe.gov

Or

Submit feedback at: <https://n3b-la.com/>



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