



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**



Los Alamos National Laboratory Legacy Environmental Cleanup Q1 FY22 Update



ENVIRONMENTAL MANAGEMENT
SAFETY ♦ PERFORMANCE ♦ CLEANUP ♦ CLOSURE

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- Hexavalent Chromium Plume Control Interim Measure and Characterization
 - Installation of new Groundwater Monitoring Wells R-71 and R-72 to further characterize the plume
 - Submitted drilling work plan for Groundwater Monitoring Well R-73 (completes FY 2022 Appendix B Milestone)
- Legacy Waste Operations
 - Completed 13 CH-TRU waste shipments to the Waste Isolation Pilot Plant (WIPP) in Q1 FY22
 - Completed safety basis analysis of facility risks at Area G
- Middle DP Road
 - Completed excavation of 124 contaminated sites; excavated 3,400 cubic yards of soil and debris
 - Conducted confirmation sampling
 - Began Assessment Report for NMED





- EM-LA is currently operating under a continuing resolution (CR) authority (\$226M for FY 2021) through February 18, 2022
- Appendix B FY 2022 Milestones developed with \$226M CR budget
- If Congress appropriates additional funds, EM-LA will work with NMED on prioritizing additional work scope





Overview

- The Justice40 Initiative is a requirement of President Biden’s Executive Order 14008, *“Tackling the Climate Crisis at Home and Abroad”*
- The Justice40 Initiative is a whole-of-government effort to deliver at least 40% of the overall benefits from Federal investments in climate and clean energy to disadvantaged communities
- On July 20, 2021, the *Interim Implementation Guidance for the Justice40 Initiative* (OMB Justice40 Interim Guidance) was released in accordance with Executive Order 14008: <https://www.whitehouse.gov/wp-content/uploads/2021/07/M-21-28.pdf>
- This guidance supports the Administration’s comprehensive approach to advancing environmental justice





Overview

- Under the Justice40 Initiative, Federal agencies will engage with states, Tribal Governments, including Pueblos, and local communities on Federal investments in the following areas:
 - Climate change
 - Clean energy and energy efficiency
 - Clean transportation
 - Affordable and sustainable housing
 - Training and workforce development
 - Remediation and reduction of legacy pollution
 - Development of critical clean water and wastewater infrastructure





EM-LA Pilot Program

- EM-LA was chosen by the Administration as one of five U.S. Department of Energy Justice40 Initiative Pilot Programs
- The Justice40 Initiative aligns with EM-LA's core mission
 - Safely, efficiently, and transparently complete the cleanup of legacy contamination and waste resulting from decades of nuclear defense research at LANL
 - Commitment to invest in the communities that have been affected
- Under the OMB Justice40 Interim Guidance, EM-LA's legacy cleanup projects at LANL fit within the Justice40 Initiative category of "remediation and reduction of legacy pollution"





Look Ahead

- The Justice40 Initiative is continuing to develop and further guidance from OMB on next steps is forthcoming
- Climate and Economic Justice Screening Tool
 - An online tool is currently being developed by the Council on Environmental Quality, in partnership with the United States Digital Service
- Environmental Justice Scorecard
 - OMB is developing and will publish an Environmental Justice Scorecard, detailing agency environmental justice performance measures
- Stakeholder and Community Engagement

