

# Sandia National Laboratory



Sandia National Laboratories/New Mexico

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## Overview

EM's cleanup activities at the Sandia National Laboratories takes place at the SNL section located on Kirtland Air Force Base, adjacent to Albuquerque, New Mexico. The Sandia National Laboratories-New Mexico Environmental Restoration (ER) Operations Project scope includes the remediation of inactive waste disposal and release sites, along with the characterization and remediation of three plumes of contaminated groundwater.

The regulatory driver for completing this work is the Compliance Order on Consent signed in 2004 by DOE, the Sandia Corporation, and the New Mexico Environment Department (NMED). DOE's approach is to work closely with NMED to complete Resource Conservation and Recovery Act (RCRA) corrective actions at the last three ER sites using cost effective approaches that meet regulatory requirements.

The remaining cleanup scope includes three areas with contaminated groundwater in various stages of characterization and remedy selection. All soil sites in Sandia's ER Baseline have received Corrective Action Complete

status from NMED and have been transferred to the laboratory's landlord, the NNSA.

### **Cleanup accomplishments include:**

- **Completed work at 312 out of a total of 315 sites identified as needing soil and groundwater remediation.**

## Planned Cleanup Scope 2020-2030

Beginning in 2020, DOE will conduct two years of characterization activities and install up to eight groundwater monitoring wells in the Burn Site Groundwater (BSG) Areas of Concern (AOC) section of the laboratory. Four of the eight wells are required, and up to four contingency wells are scoped to ensure installation of a clean downgradient well. DOE plans to transition this section of the laboratory to long-term stewardship by 2030.

In 2023, EM plans to transition the Tijeras Arroyo Groundwater (TAG) Areas of Concern (AOC) to long-term stewardship. DOE will also work over the next decade to perform corrective action activities at the Technical Area V Groundwater AOC.

## Remaining Cleanup Scope Post-2030

In 2031, DOE will complete all the corrective action activities at the Technical Area-V Groundwater AOC and transition the section to long-term stewardship.