

# Sandia National Laboratories

## Overview

EM's cleanup activities at Sandia National Laboratories (SNL) take 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 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 — the Tijeras Arroyo Groundwater Investigation Area of Concern (AOC), the Burn Site Groundwater Investigation AOC, and the Technical Area-V Groundwater AOC. All soil sites in SNL's baseline have received Corrective Action Complete status from NMED and have been transferred to the laboratory's landlord, the National Nuclear Security Administration (NNSA).

## Calendar Year 2023 Accomplishments

- **NMED approved the Final Remedy Monitoring Natural Attenuation (MNA) and the Corrective Measures Implementation Plan for the Tijeras Arroyo Groundwater Area of Concern**

## Planned Cleanup Scope 2024–2034

EM's work scope at Sandia entails the continued semi-annual sampling of the Perched Groundwater System monitoring wells and annual sampling of the Regional Aquifer wells. EM will continue to manage the long-term monitoring requirements until the work is transitioned to NNSA, which is expected to occur by 2031.

## Key Regulatory Milestones 2024–2034

- **None**

## Post-2034 Cleanup Scope

EM work is expected to be completed by this timeframe. Long term monitoring requirements are expected to transition to NNSA by 2031.



Installation of a groundwater monitoring well at the Burn Site Groundwater Area of Concern.