

# By the Numbers Moab Uranium Mill Tailings Remedial Action Project

The Moab Site is located about 3 miles northwest of the city of Moab in Grand County, Utah, and encompasses approximately 480 acres, of which about 130 acres are covered by a uranium mill tailings pile. In 1956, the Uranium Reduction Company constructed the Moab mill and operated it until 1962 when the assets were sold to Atlas Minerals Corporation. The milling product was a uranium concentrate called yellowcake, which was sold to the U.S. Atomic Energy Commission through December 1970 for use in national defense programs. Mill tailings are the remains from processing uranium ore. After 1970, production was primarily for commercial sales to nuclear power plants. Atlas ceased processing operations in 1984. The former mill site was transferred to DOE ownership in 2001 for cleanup and reclamation. Today, the Moab Uranium Mill Tailings Remedial Action (UMTRA) Project is relocating mill tailings and other contaminated materials from the mill site and offsite vicinity properties to a disposal cell near Crescent Junction, Utah.

## Between 2024-2029

DOE expects to ship the remaining uranium mill tailings to the Crescent Junction Disposal site and accomplish site closure.



## In 2009

DOE began relocating uranium mill tailings to the Crescent Junction disposal cell. Workers excavate and condition tailings in drying beds to reach suitable moisture content. Then tailings are placed in steel containers for transport by rail.

## 14

autoclaves were recently remediated and removed from the site.



## >14.6M

tons of tailings have been shipped, amounting to 91% of the estimated total tons.

## 984,568

pounds of ammonia and 5,636 pounds of uranium have been prevented from entering the Colorado River, adjacent to the Moab Site.

## Phase 4

the last and final portion of the Crescent Junction site disposal cell, has been excavated. The cell is currently being filled with uranium mill tailings being shipped from the Moab Site.

An estimated

## 16M

ton mill tailings pile was present when DOE assumed site ownership.



U.S. DEPARTMENT OF ENERGY

OFFICE OF ENVIRONMENTAL MANAGEMENT