

Moab



An aerial photo of the Moab Uranium Mill Tailings Remedial Action (UMTRA) Project's Moab, Utah site.

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Overview

The Moab Uranium Mill Tailings Remedial Action Project is located in southeastern Utah. The 480-acre Moab site is a former uranium-ore processing facility that operated under private ownership from 1956 to 1984.

The project includes relocation of the estimated 16-million-ton pile of uranium mill tailings near the Colorado River and other contaminated material to an engineered disposal cell constructed 30 miles north near Crescent Junction, Utah. The scope also includes active remediation of contaminated groundwater at the Moab site.

After contaminated soil, tailings, debris, vicinity properties, and surface and groundwater are remediated, the site will be transferred to LM for continued groundwater monitoring, and potential reutilization of the site. The Crescent Junction site will also be transferred to LM for monitoring of the disposal cell.

Cleanup accomplishments include:

- **Increased weekly shipments beginning in February 2019 of uranium mill tailings from two shipments per week (450,000 tons annually) to four shipments per week (900,000 tons annually).**
- **Disposed of a total of 10 million tons of residual radioactive material out of the original total of 16 million tons.**

Cleanup Highlights 2020-2030

Over the coming decade, DOE will continue to steadily reduce the remaining size of the uranium mill tailings pile. DOE expects to ship approximately 450,000 tons of uranium mill tailings annually to the Crescent Junction disposal site. DOE also plans to continue transportation and disposal of oversize debris from the Moab site.

Remaining Cleanup Scope Post-2030

The project will continue excavating, shipping, and placing uranium mill tailings and other contaminated material in the disposal cell. Demobilization, demolition, and disposal of site infrastructure and equipment, placement of the final cover on the disposal cell, and site closure will take place. Turn-over of the Moab site for reuse, or continued control under DOE, and turn-over of the Crescent Junction site for maintenance and long-term surveillance by DOE LM will occur.