US EPA – Region 6

The Grants Mining District
And
Jackpile-Paguate Uranium Mine
Grants Mining District
97 Uranium Mines
80 assessed
17 pending assessments
5 Mine Investigations conducted
Jackpile - Paguate Mine Site

Located on the Pueblo of Laguna in New Mexico.

Anaconda Copper Company began mining in 1953/operations ceased in 1982 under ARCO.

7,868 acres leased to Anaconda; 2,658 acres disturbed by mining.

400 million tons of earth removed from open pits and about 25 million tons of ore.

At its peak of production, the mine was operated 24 hours a day, 7 days a week.
Mine closed in 1982. Once operations ceased, ARCO was to pay for reclamation.

A Record of Decision was signed between the BLM and BIA in December 1986.

An agreement was reached between the Pueblo and ARCO. Laguna Construction Company was formed in 1989 to complete the reclamation. Activities to date have primarily been grading and contouring.

Surficial mine area releases are still occurring.
Pre-Mining
Pre-Mining
Mining
Post Mining and Reclamation
Post Mining and Reclamation
Post Mining and Reclamation
Post Mining and Reclamation
Post Mining and Reclamation
Formal Tribal Consultation with Laguna Pueblo began October 13, 2009.

EPA conducted sampling event for the Site Inspection on March 1, 2010.

Sam Coleman and Lt. Governor Mooney at MOU signing
June 22, 2010.
Developed the Jackpile Working Group consisting of representatives from Laguna, DOI, BIA, BLM, USGS and Contractors.

Laguna Environmental has several years of surface water data that document elevated levels of Isotopic Uranium.

Expanded Site Inspection sampling and Groundwater Conceptual Site Model – March 2011. Also documented elevated levels of isotopic uranium in surface water and ground water across the site.
HRS Package was prepared using the surface water pathway.

NPL Proposal – March 15, 2012
Jackpile Pit
LaDonna Turner
Site Assessment Manager
US EPA – Region 6
1445 Ross Avenue
Dallas, TX 75202
214-665-6666
Turner.ladonna@epa.gov