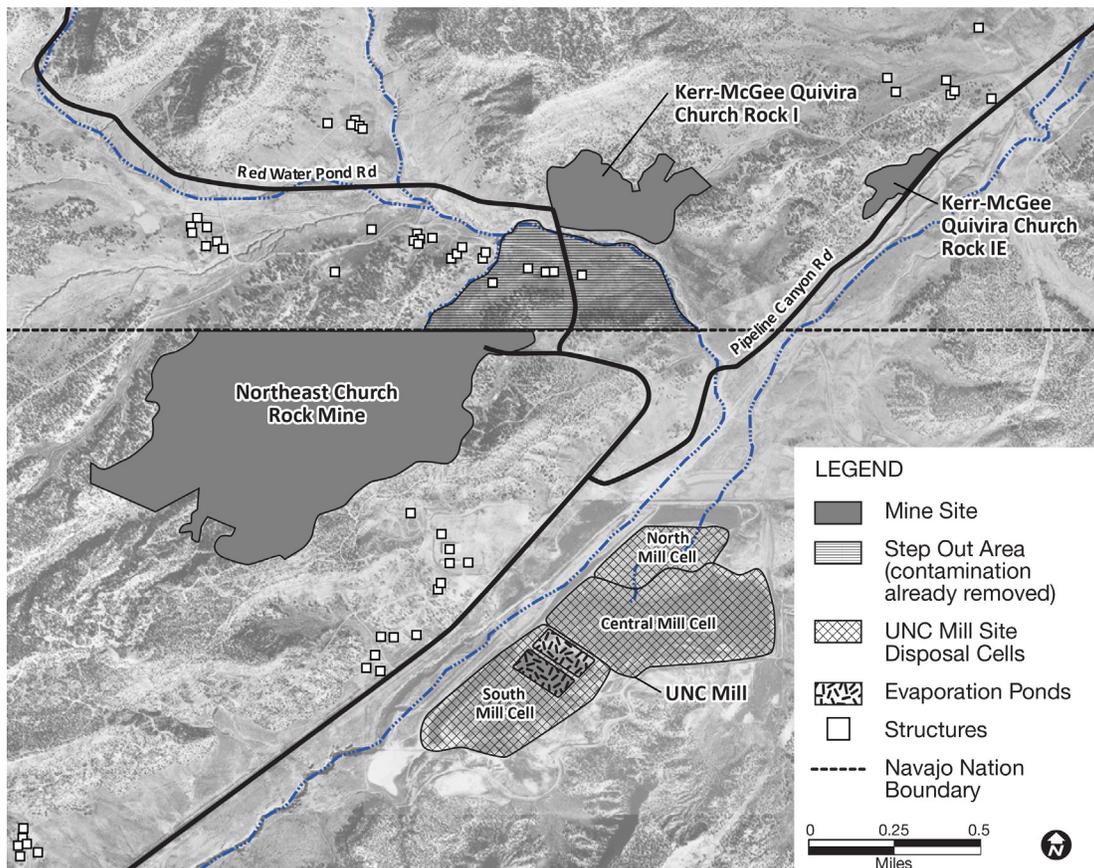


Kerr-McGee Quivira Mines *Site Update*

Background

The two Kerr-McGee Quivira Mines are former uranium mines located at the northern end of State Highway 566 approximately 17 miles northeast of Gallup, New Mexico in the Coyote Canyon and Nahodishgish Chapters of the Navajo Nation. Kerr-McGee operated the mines from 1974 to 1985.

During this time, approximately 1.2 million tons of ore was extracted, making these mines within the top 10 highest producing mines on the Navajo Nation. Due to the proximity of the residents to the mine site, these mines were identified by U.S. Environmental Protection Agency (U.S. EPA) and the Navajo Nation Environmental Protection Agency (NNEPA) as high priority mines to address.



Northeast Church Rock Mine, Kerr-McGee Quivira and UNC Mill Superfund sites map.



Waste rock pile at the Quivira Mine site.

Who is involved?

U.S. EPA is working in consultation with the NNEPA to determine options.

What has been done?

- Over 20,000 tons of contaminated soil have been removed from the residential area and brought back to the mine pile.
- The mine pile has been temporarily covered and stabilized.
- U.S. EPA set aside \$85 million from the recent \$5 billion Tronox settlement to address contamination at the mines.

What is happening now?

U.S. EPA is conducting an Engineering Evaluation/Cost Analysis (EE/CA) to evaluate options to address the contamination.

What will happen next?

EPA plans to remove approximately 1000 cubic yards of contaminated soil each from around two vent holes in the Red Water Pond Road community and one vent hole in the Pipeline Canyon Road community in the fall of 2015. EPA plans to release a comparison of options for the final response action for the Quivira Mines called the Engineering Evaluation/Cost Analysis for public comment in 2016. EPA then plans to coordinate the timing of the final Quivira response action with the NECR construction which is currently in design with construction still several years away (see NECR fact sheet at the link below for details).

U.S. EPA Northeast Church Rock Quivira Mines site page:

<http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/ViewByEPAID/NNSFN0905492>

U.S. EPA Northeast Church Rock Mine site page: <http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/ViewByEPAID/NNN000906132>

Five Year Plan to Address Impacts of Uranium Contamination 2014-2018:
<http://www.epa.gov/region9/superfund/navajonation/5-yr-plan-2014.html>

How can you learn more?

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