

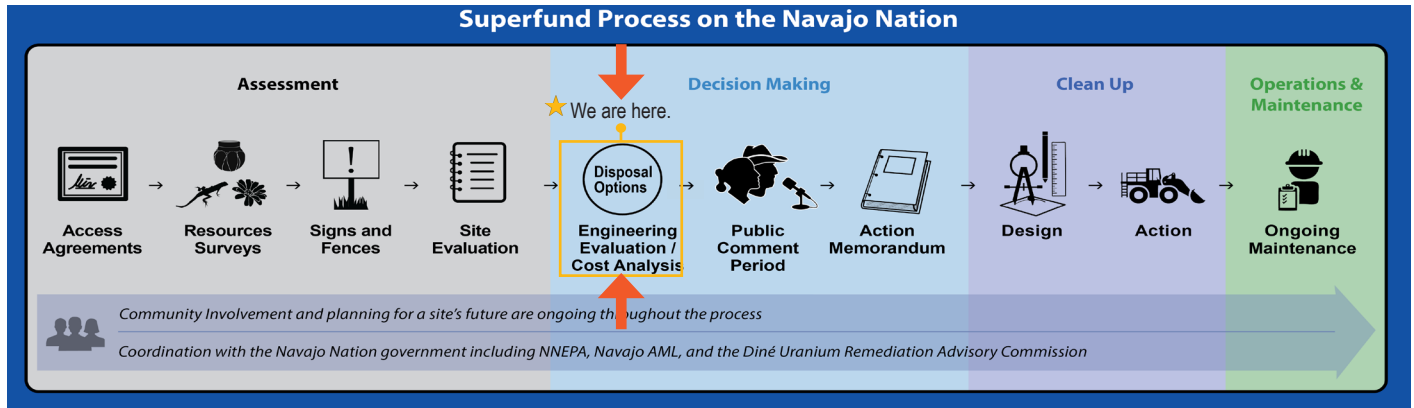


Quivira Mine Site Red Rock Disposal Facility Alternative

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • May 2023

The United States Environmental Protection Agency (U.S. EPA) and Navajo Nation EPA (NN EPA) are asking for your feedback on the Red Rock Disposal Facility alternative being considered for the Quivira Mine. This fact sheet provides an overview of where we are in the cleanup process, considerations related to the Red Rock alternative, and a map of the potential haul routes.

Where are we in the Cleanup Process?



Proposed Red Rock Disposal Facility Alternative Details

Cleanup Details	Considerations
<ul style="list-style-type: none"> The Red Rock Facility will be permitted by New Mexico. This will include a groundwater protection permit, air quality permit, waste transportation plan, maintenance plan, and closure plan. This process is expected to take 3-5 years. Once the Red Rock facility is permitted, U.S. EPA will excavate and transport 1 million cubic yards of rock and sand containing low levels of radium, uranium, and other metals from the Quivira Mine site to the facility. U.S. EPA is evaluating two potential routes to transport waste to the facility: (1) through Church Rock to I-40 and through Thoreau and (2) Navajo Service Road 49 to NM 371. All excavation and construction areas will be tested to confirm they are clean. All excavation and construction areas will be backfilled with local soil as needed and revegetated with native vegetation. The site will be inspected each year in perpetuity and damage will be repaired as needed. 	<ul style="list-style-type: none"> Under this alternative all waste is removed from the community and Navajo Nation. Once work begins, excavation and transport of waste can take up to 3.5 years and up to 70,000 truckloads. Transporting waste on NM 566 through Church Rock and I-40 to NM 371 appears to be the least disruptive route. This project will create job opportunities, such as truck drivers, equipment operators, traffic controllers, and jobs at the Red Rock Landfill. Water for construction and dust control will either be developed from a local source with community approval or brought from Gallup or another area nearby. U.S. EPA will monitor air quality before, during, and after construction to make sure the area is safe. U.S. EPA will work with local chapters to ensure hazards during transport to traffic, pedestrians, and communities are minimized. Other stakeholders will have input during the State permitting public comment period: <ul style="list-style-type: none"> Navajo Communities State of New Mexico Northwest New Mexico Regional Solid Waste Authority (Red Rock Facility)



Haul Route Type	Other Major Highways	★ Chapter House
--- Paved	▲ Quivira Mines	
--- Unpaved	▲ Kerr-McGee Ponds	
— Preferred Route	● Disposal Facility	

Prepared for: U.S. EPA Region 9	ALTERNATIVE 3 HAUL ROUTES FROM QUIVIRA MINES TO RED ROCK DISPOSAL FACILITY		
Prepared By: TETRA TECH 1999 Harrison Street, Suite 500 Oakland, CA 94612	Task Order No.: 0003	Contract No.: EP-S9-17-03	Figure No.: 1
	Location: MCKINLEY COUNTY, NEW MEXICO	Date: 5/24/2023	

Information Repository

- Online:
 - <https://www.epa.gov/navajo-nation-uranium-cleanup/eastern-abandoned-uranium-mine-region>
- Hard Copies:
 - Navajo Nation Community Outreach Center
 - Highway 264 & Indian Route 12, Suite 10
 - Window Rock, Arizona 86515

Ways to provide input:

- During this meeting
- Email
- USPS Mail – Postcard
- Phone to USEPA or NNEPA

How Can You Learn More?

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