

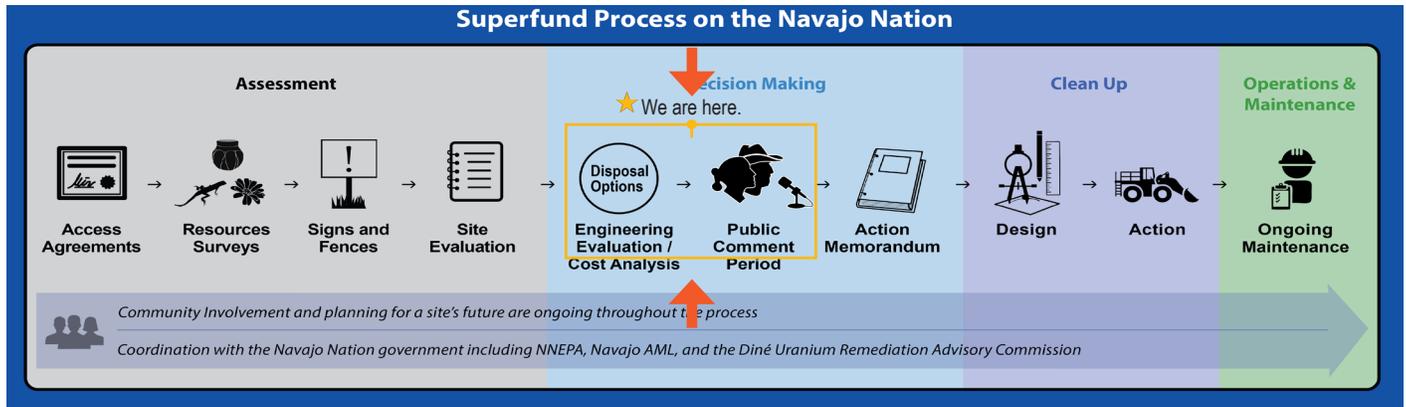


Quivira Mines Site Recommended Cleanup Alternative: Red Rocks Disposal Facility

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • March 2024

The United States Environmental Protection Agency (U.S. EPA) and Navajo Nation EPA (NNEPA) are asking for your feedback on the recommended cleanup alternative and haul route in the engineering evaluation/cost analysis (EE/CA) for the Quivira Mines Site. This fact sheet provides an overview of where we are in the cleanup process, considerations related to the recommended cleanup alternative of disposal at the Red Rocks Facility, and a map of the recommended haul route.

Where are we in the Cleanup Process?



Recommended EE/CA Alternative Details: Red Rocks Disposal Facility

Cleanup Details	Considerations
<ul style="list-style-type: none"> The disposal cell at the Red Rocks Facility requires design and permitting by the state of New Mexico. This process is expected to take 3-5 years. Once the disposal cell is designed and permitted, 1 million cubic yards of rock and sand containing low levels of radium and uranium from the Quivira Mines will be excavated and disposed of at the facility. U.S. EPA has evaluated multiple haul routes to transport waste to the facility. The recommended 44-mile haul route is Highway 566 to I-40 through Thoreau to the Red Rocks Facility. All excavation and construction areas will be tested to confirm cleanup goals are met. All excavation and construction areas will be backfilled with local soil as needed and revegetated with native plants. Restored areas will be inspected each year and damage will be repaired as needed. Final land uses: <ul style="list-style-type: none"> Residential uses at CR-1 and CR-1E Continued facility worker use at Kerr McGee Ponds on United Nuclear Corporation lands 	<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 4.5 years and up to 76,710 truckloads. Rail transport and trucking via Highway 566 to I-40 and Pinedale Road to Highway 371 were evaluated. Alternate truck access routes near Thoreau were also evaluated. Project will create job opportunities, such as truck drivers, equipment operators, traffic controllers, and jobs at the Red Rocks Facility. Water for construction and dust control will be developed from a local source with community approval or brought in from Gallup or another nearby area. 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 transportation hazards to traffic, pedestrians, and communities are minimized. Other stakeholders will have input during the State permitting public comment period for the disposal cell at the Red Rocks Facility: <ul style="list-style-type: none"> Navajo Communities State of New Mexico Northwest New Mexico Regional Solid Waste Authority (Red Rocks Facility)



Haul Route Type	Other Major Highways
--- Paved	▲ Quivira Mines
--- Unpaved	● Disposal Facility
— Recommended Route	★ Chapter House

**RECOMMENDED HAUL ROUTE
FROM QUIVIRA MINES TO
RED ROCKS DISPOSAL FACILITY**

Date:
2/16/2024
Figure No.:
1

Information Repository

- **Online:**
<https://www.epa.gov/navajo-nation-uranium-cleanup/quivira-mines>
- **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
 - Toll-Free Voicemail:
(833) 484-4384

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