

US EPA ARCHIVE DOCUMENT

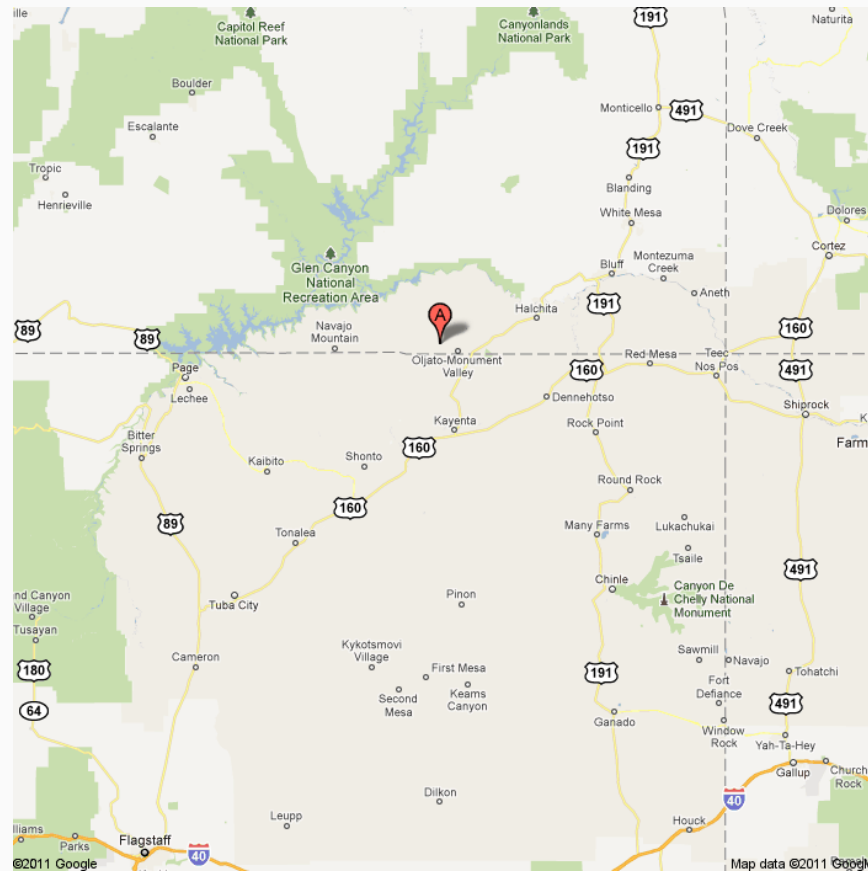
A large, faint watermark of the U.S. Environmental Protection Agency logo is centered in the background. It features a circular border with the text "UNITED STATES ENVIRONMENTAL PROTECTION AGENCY" and a central emblem of a stylized flower with three leaves.

Skyline AUM Removal

Monument Valley, UT
Navajo Nation



Location



Location

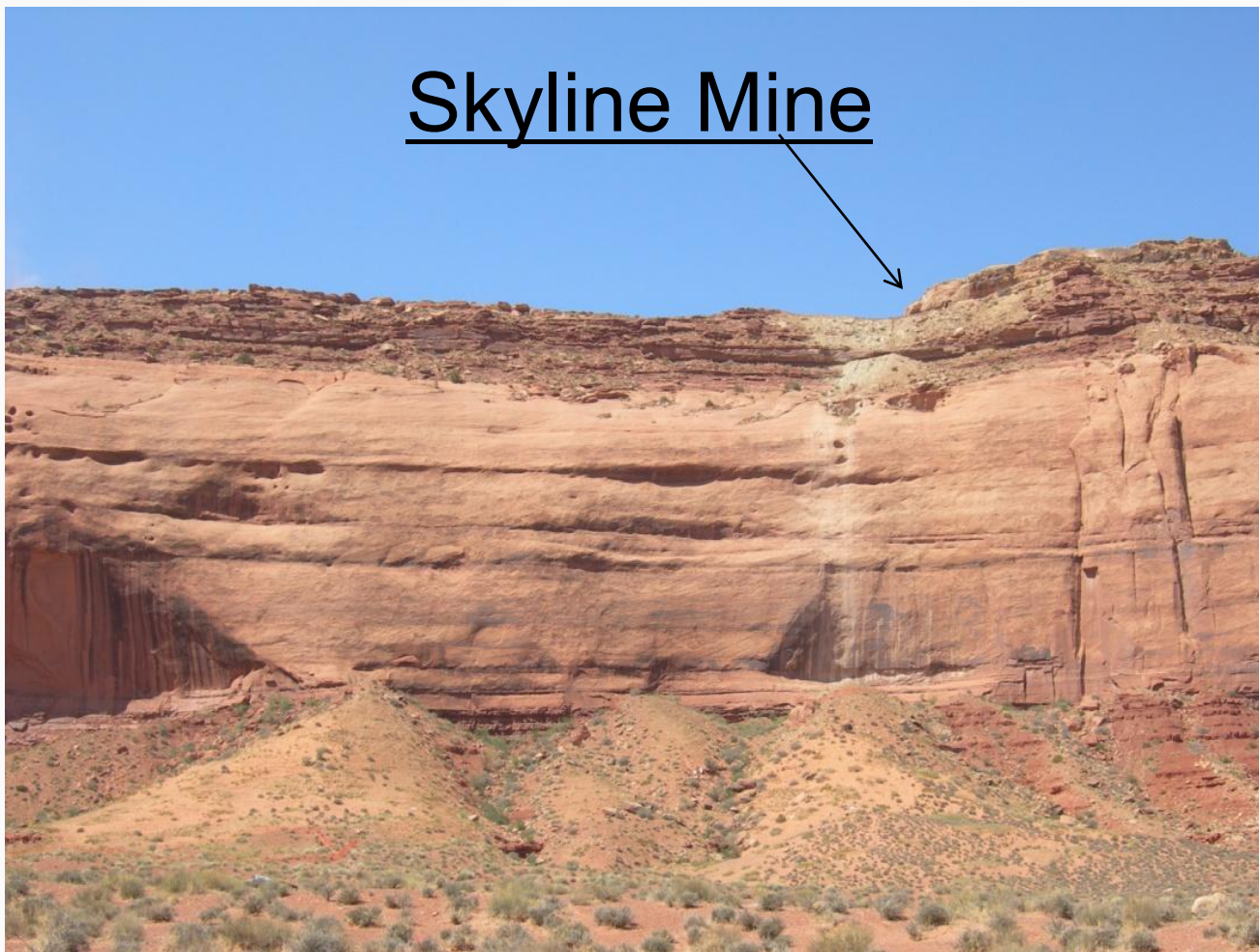




Monument Valley



Skyline Mine





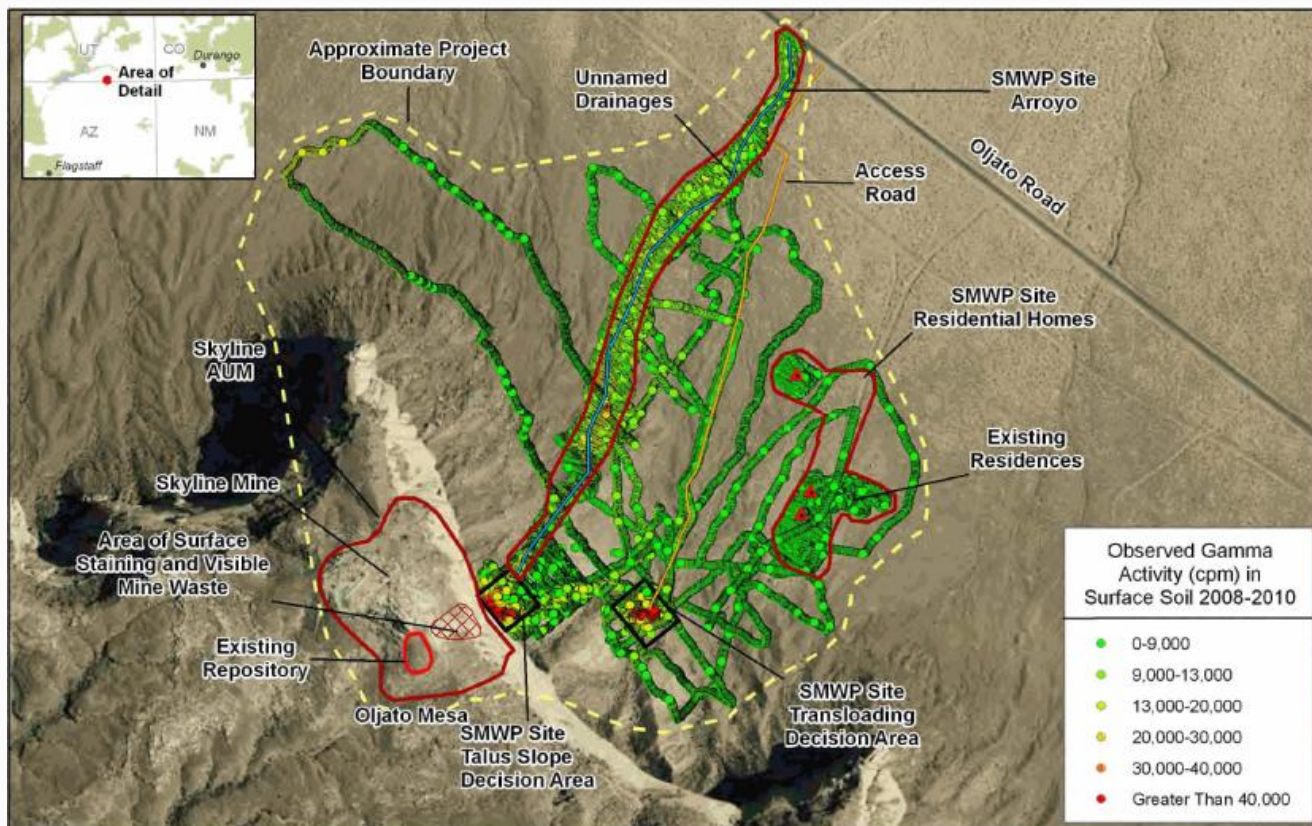
The Problem

- Historic uranium mining activities on Navajo lands
- Over 500 Abandoned Uranium Mines
- Radioactive mine waste piles near residential homes
- Navajo Nation EPA request for assistance

Assessment



Assessment





Community Involvement

- Presented assessment findings to local residents and Oljato Chapter membership.
- Worked with residents and the Oljato Chapter to find a suitable place to build a repository.
- Attended monthly Oljato Chapter meetings to keep the community informed.

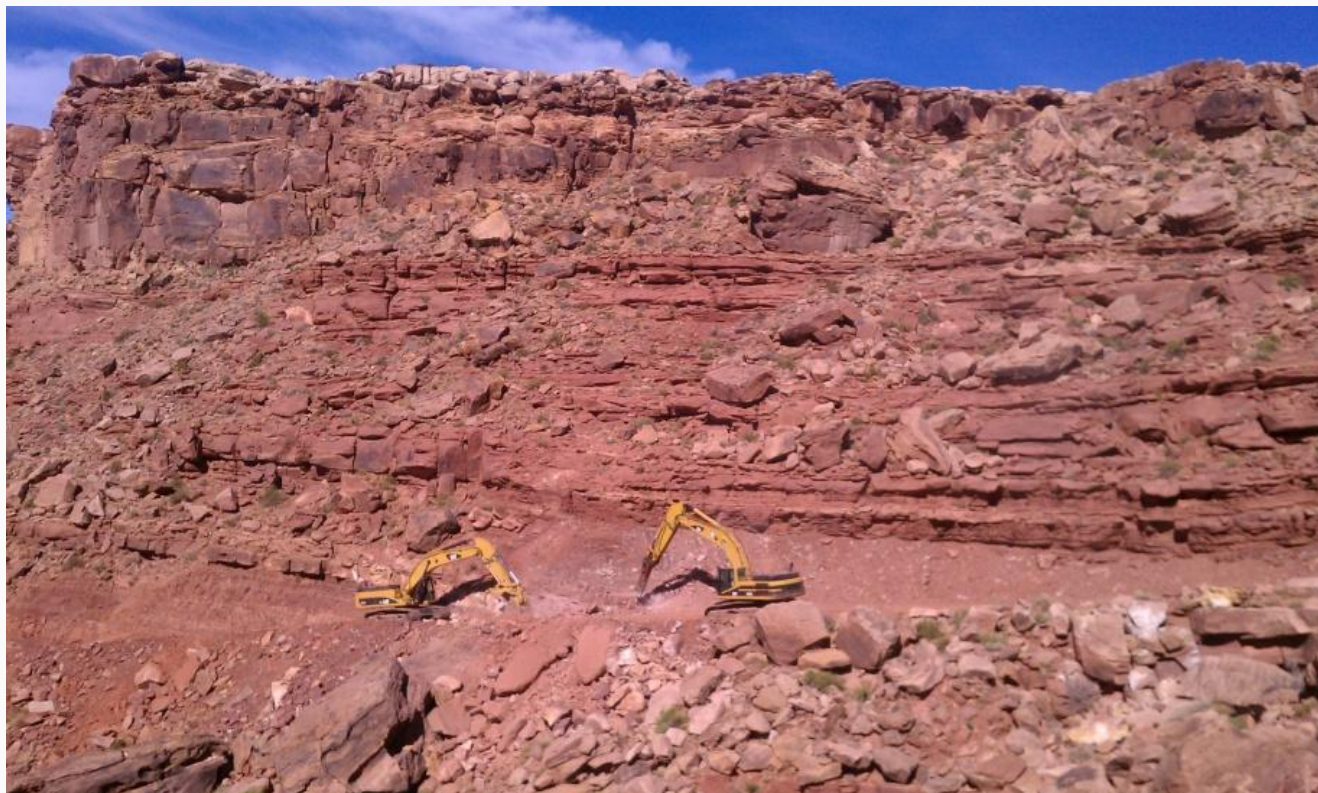


Removal – Planning

- Repository design
- Archaeological surveys
- Biological surveys
- Water well development
- Water moving system design
- Action level determination



Removal - Access road



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Removal - Access road





Removal - Repository construction



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Removal - Repository construction



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Removal – Repository construction



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Removal – Repository construction





Removal – Repository construction



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Removal – Upper slope excavation





Removal – Upper slope excavation



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Removal – Valley floor excavation





Removal – Valley floor excavation



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Removal – Skyline cable yarder



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Removal – Skyline cable yarder





Removal – Skyline cable yarder



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Removal – Skyline cable yarder





Removal – Filling the repository



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Removal – Repository completion



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Project Summary

- March 28 to Oct 15, 2011 (201 days)
- \$7.4 million in costs
- Approx 25,000 cubic yards of mine waste interred in repository



Video

- Produced by independent filmmaker with EPA cooperation.
- http://www.youtube.com/watch?feature=player_detailpage&v=_ig7Kw7oisU