

Navajo AML Perspective on Cooperative Agreements and their Role in UMTRCA

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UMTRCA

Navajo UMTRA Program Purpose:

- *Participate in remediation efforts at four Navajo UMTRA sites;*
- *Provide oversight, reviews, & feedback on projects;*
- *Provide guidance in Navajo regulatory procedures and authorities;*
- *Assist with Public relations and STEM*

1978

- Congress passed UMTRCA of 1978

1983

- DOE – Navajo Nation enter into agreement

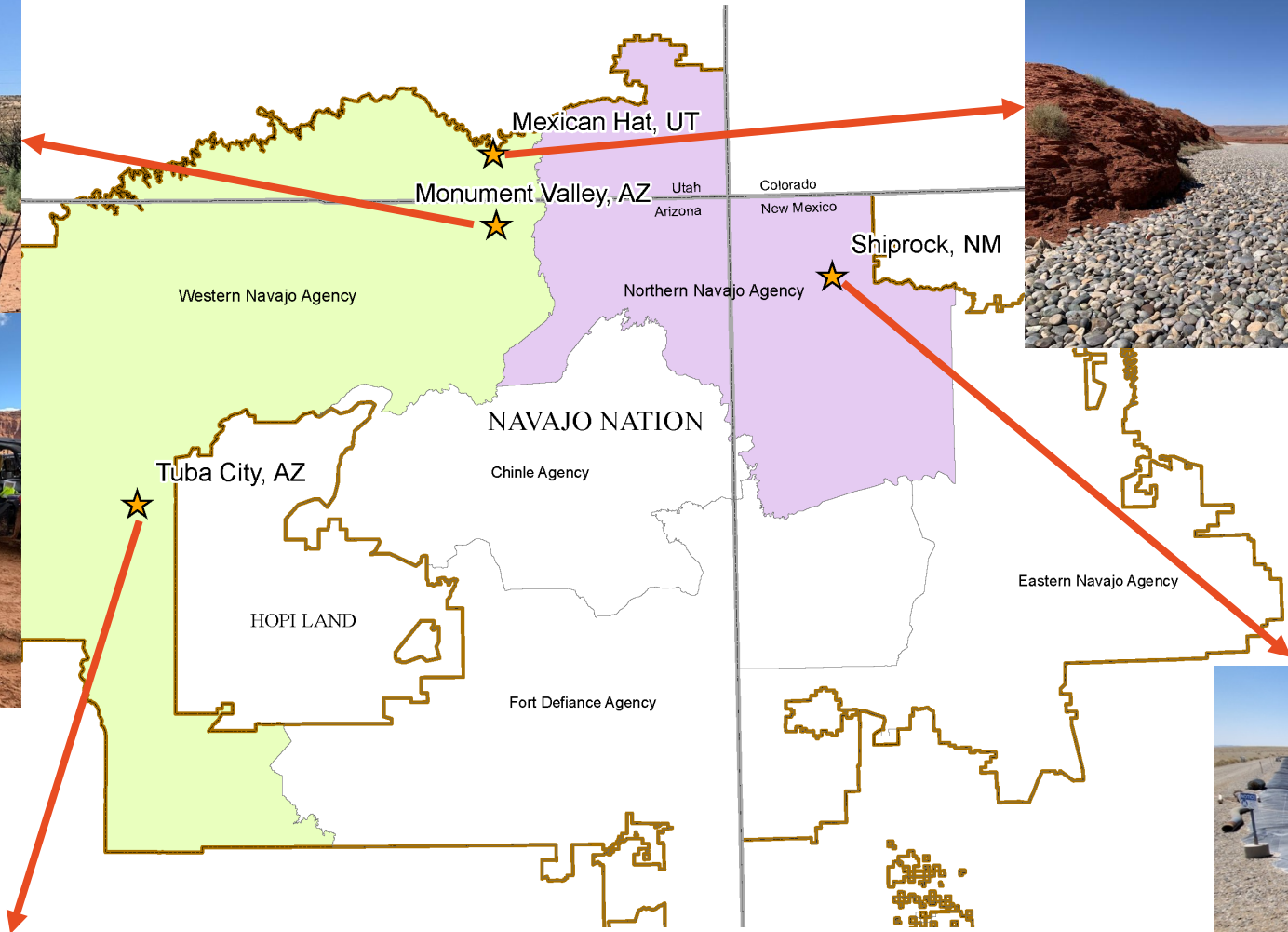
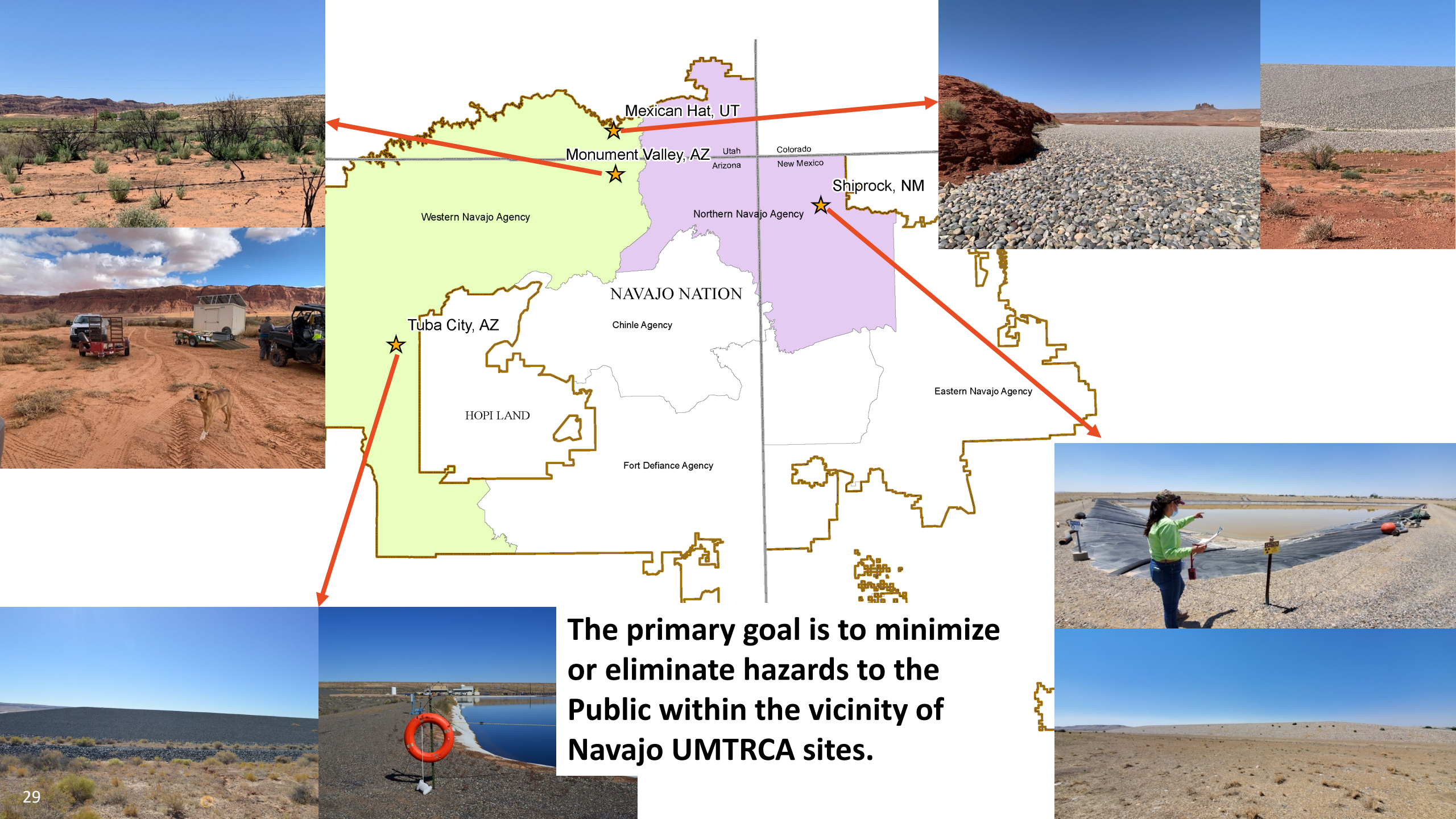
1991

- Cooperative Agreement Established between DOE and NAMLRD
- Assist in remediation activities at Navajo UMTRCA Title I sites

1996

- DOE develops Programmatic Environmental Impact Statement for Groundwater Volume 1 (PEIS)
- Guides development of GCAP
- In compliance with UMTRCA standards (40 CFR Part 192)





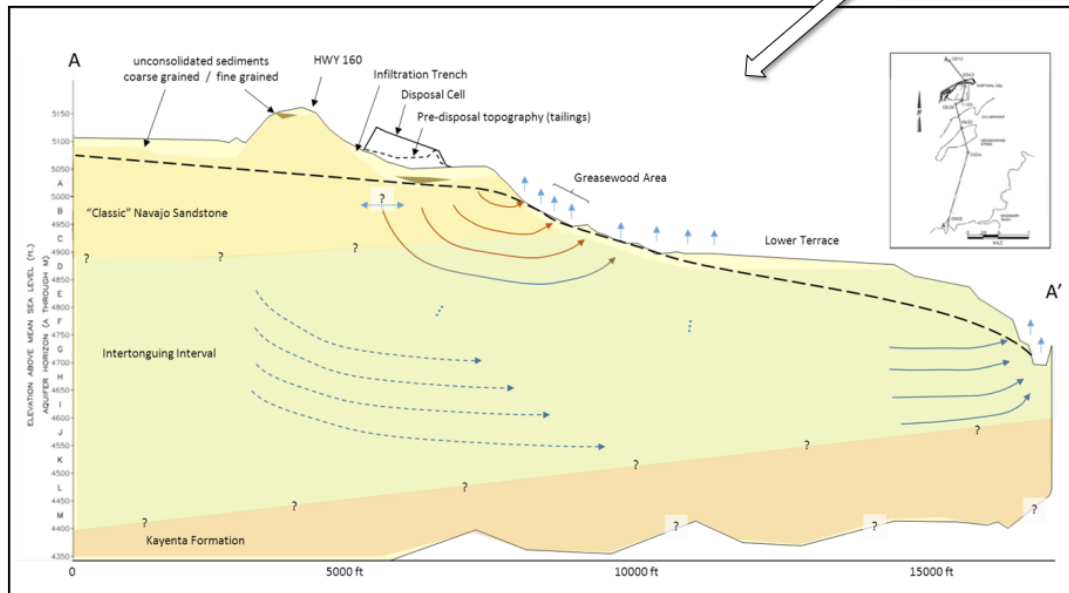
The primary goal is to minimize or eliminate hazards to the Public within the vicinity of Navajo UMTRCA sites.

UMTRCA

Tuba City DOE-LM/National Lab Network Working Group:

Where does water go?

Hydrological framework – flow lines in an arid terraced setting



Working Group

- DOE-LM, SLAC, SRNL, PNNL, SRNL, SNL, LANL, LBNL

Stakeholders and Partners

- Hopi Mining & Mineral Resources, Navajo UMTRA, Navajo Nation EPA (local governance invited – but did not attend)

Subgroups

- Remedy/boundary conditions
- Site/source mass characterization
- End state/stakeholder/institutional controls



Navajo UMTRA Inputs

N-Aquifer Protection

Public Outreach

STEM

Enforceable Institutional
Controls

Geomorphic Concept

Innovative Thinking



Image Provided by DOE-LM



Land Reclamation

Navajo AML has demonstrated the ability to:

- Establish beneficial land re-use projects,
- Utilizing input from local leaders and stakeholders,
- With culturally relevant and beneficial projects for families and communities,
- i.e., Coyote Canyon & Nenahnezad



LM's beneficial reuse:

- Protective
- Environmentally sound



Opportunities for:

- STEM
- Public outreach and awareness



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UMTRA PROGRAM

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