

# **NAVAJO NATION**

## **Division of Natural Resources**

**“Improving Abandoned Mine Lands –  
Building Trust & Taking Action**

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**April 6, 2022**





# Navajo Nation and NAMLRD Offices



Navajo Nation-  
- 27,000 sq. miles  
- Over 3 States

3 Offices  
- Window Rock  
- Shiprock  
- Tuba City

Total of 15  
Employees

SMCRA

NAAMLPR



# NAMLRD Considerations (Inventory)

- **Mineral Involved:** Surface or Underground Mine – Coal, Uranium, Limestone, Sand & Gravel, Copper
- **Geology:** Sandstone, Mudstone, Clay, Forest, Rocky, Terrain, Soil Types
- **Hydrology:** Drainage, Elevation, Weather patterns, Watershed, Vegetation, Roads
- **Public Relations:** Meetings, brochures/pictures, Interactive Webmap, conferences, fairs, STEM, Partners/Stakeholders
- **NEPA:** Archaeological, Biological (F&W), Community and Public consent, Clean Water Act, CX/EA's
- **Post Land Use:** Grazing, Recreational, Farming, Residential, Land Development, Trails. *Mother Nature – Dynamic!*
- **Alternatives:** Designs, Cost, Technology; Culture –vs- Science, What's acceptable? **Deliverable: For the People and Environment.**



# New Ideas – Self Education

- Conferences:
  - NAAMLPL
  - Active Mines
  - StormCon
  - Waste Management







**Partnerships: LaPlata Mine, New Mexico  
Geomorphic Reclamation – large scale**

**Research, Computers, Partners, Capacity Building, Natural**



# Enhanced Geomorphic Concepts



What is Natural?



What is Man-made?





**NA-0907 Completed February 2009**



**Purpose: Look natural and beneficial**



# Enhanced Geomorphic Concepts





Tuba City AML Office

Phone: 928-283-3188

Window Rock AML Office

Phone: 928-871-6982

Shiprock AML Office

Phone: 505-368-1220

# Questions

<https://www.aml.navajo-nsn.gov>

