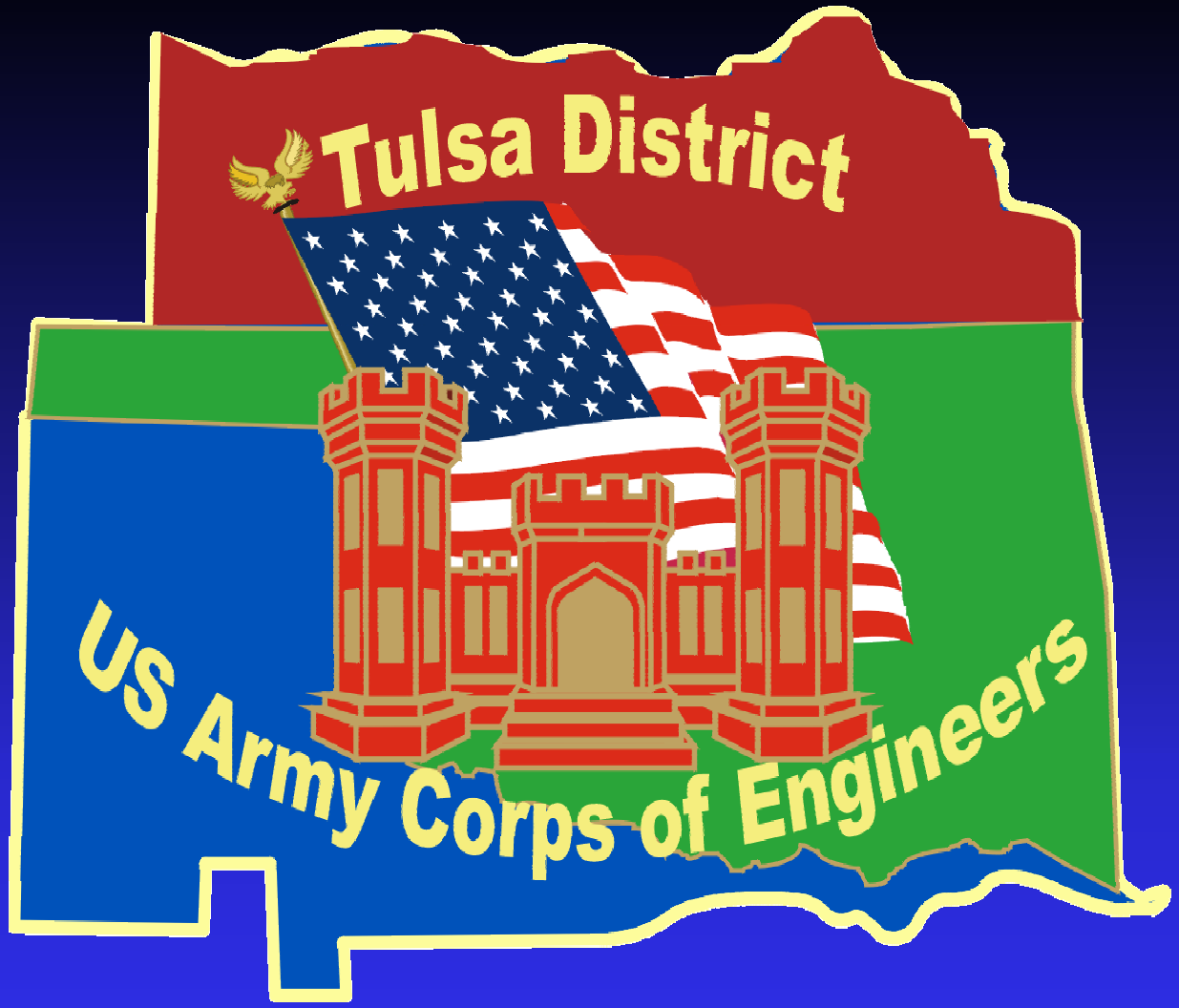


Tar Creek and Spring River Plan Presentation

October 9, 2003

Tar Creek and Spring River Watershed Management Plan

Public Meeting

9 October 2003

Miami Civic Center

Welcome

Meeting Purpose

- Announce plans for completion of a Watershed Management Plan by August 2004
- Actively involve community and stakeholders in plan development
- Share information as plan is developed

Meeting Format

- Formal presentation and open house
- Opportunities for questions
  - Formal presentation- 3 minute questions
  - Open house- additional questions
  - Comment forms
- Future meetings

Watershed Issues

Health Effects

Drainage/
Flooding

Subsidence

Water Quality

Mine Shafts

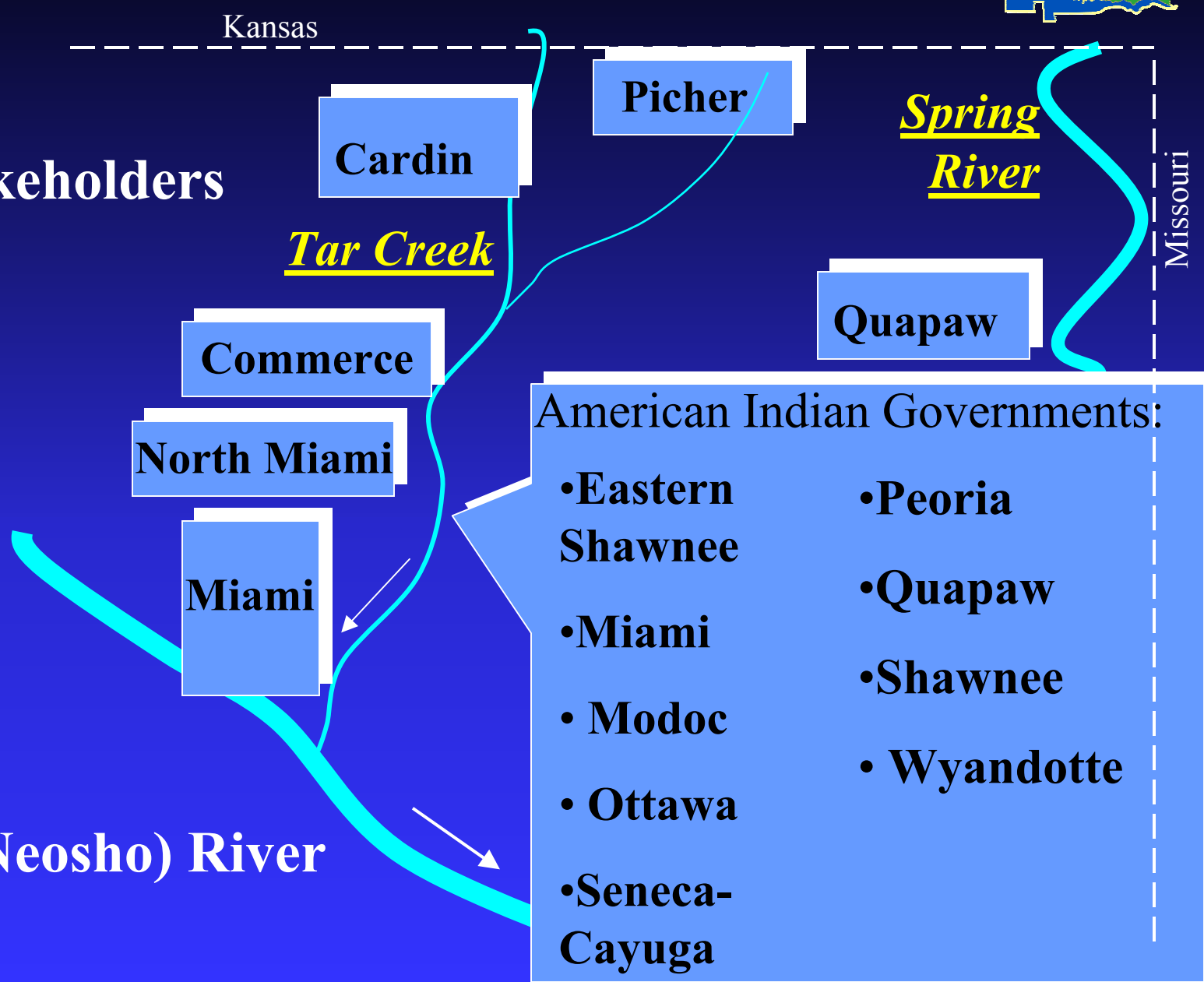
American Indian
Concerns

Chat Use

Natural
Resource
Damages

US Army Corps of Engineers
Tulsa District

Miami, Oklahoma and Vicinity
Grand (Neosho) River Basin, Oklahoma and Kansas



Holistic Response to Issues

- Reconnaissance Phase Plan Development:
  - Team Approach
  - Existing Data
  - Professional Judgment

May 2003 MEMORANDUM OF UNDERSTANDING

- Facilitate Cooperation Among Federal Agencies
- Work Toward a Holistic Response

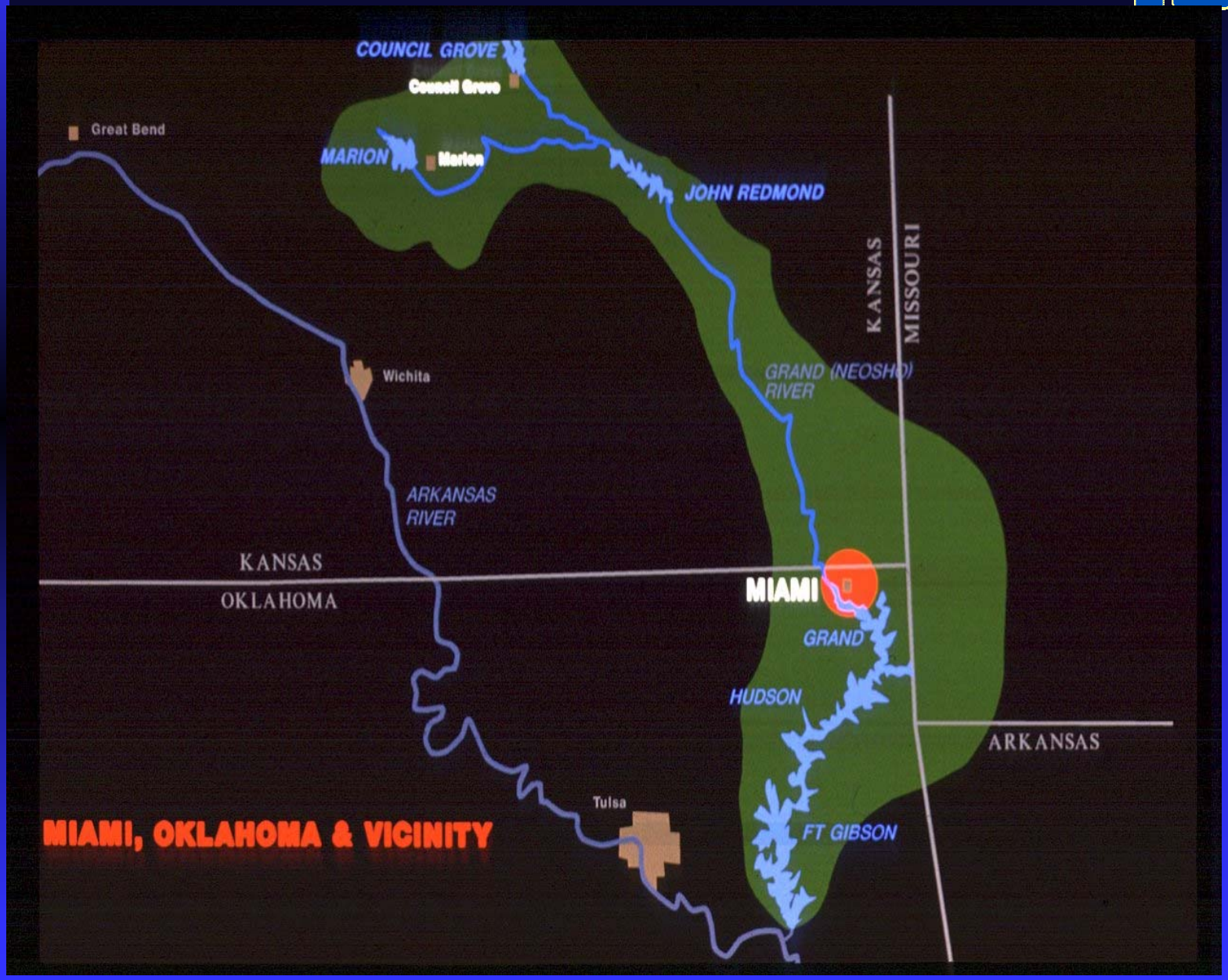
MEMORANDUM OF UNDERSTANDING

- Foster Environmental Improvement and Recovery
- Ensure Protection of Public Health
- Encourage Sustained Economic Stability
- Encourage Tribal, State and Local Government and Community Member Participation

US Army Corps of Engineers
Tulsa District

Miami, Oklahoma and Vicinity

Grand (Neosho) River Basin, Oklahoma and Kansas



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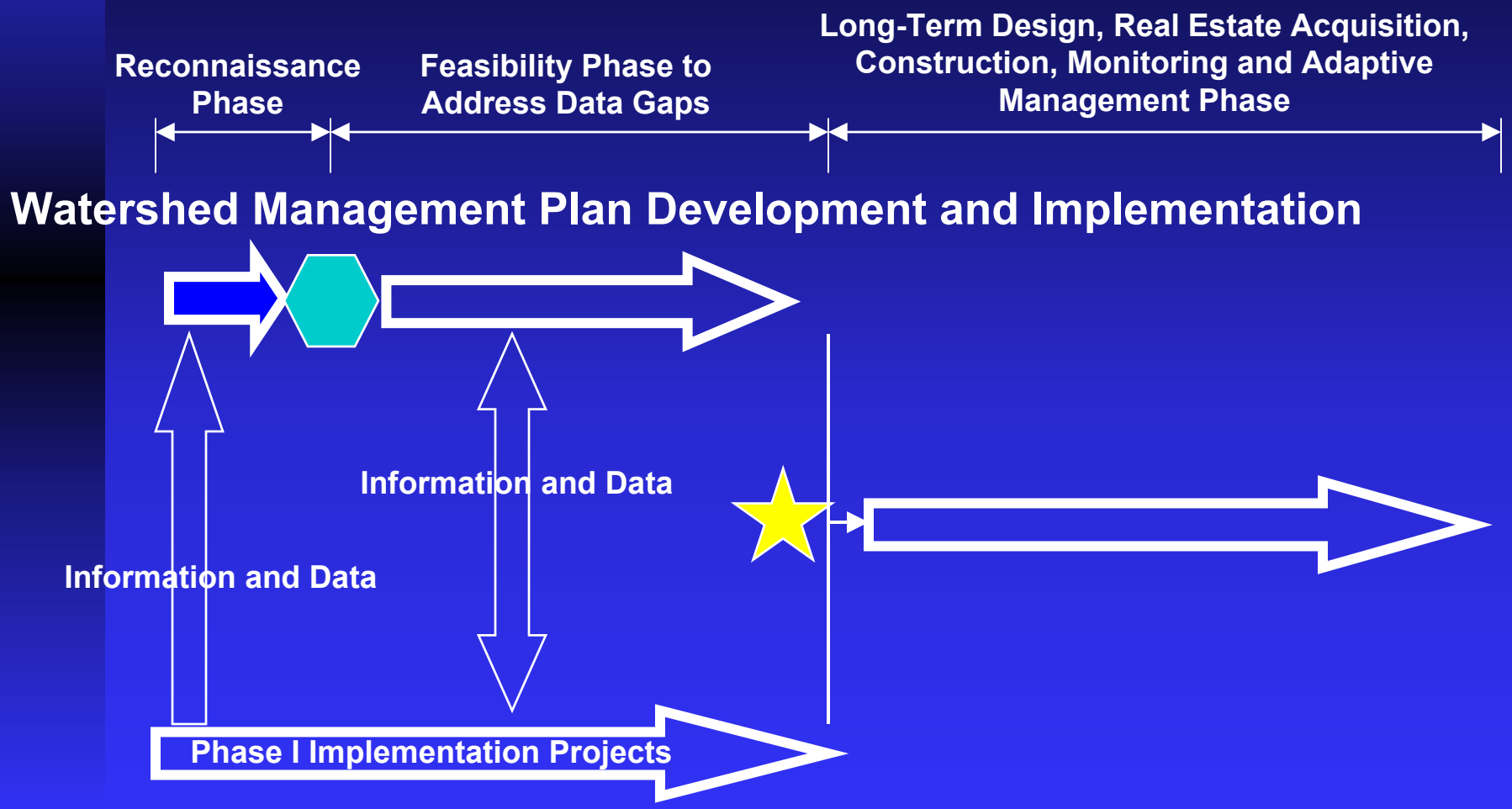


Guiding Principles

- Address human health and safety needs
- Restore watershed ecosystems
- Identify and compare preliminary alternatives
- Identify favored alternatives for feasibility phase evaluation

Guiding Principles

- Preliminary alternatives developed engaging stakeholders and interested groups
- All federal, tribal, state and local interests will be full partners

Guiding Principles

- The watershed management plan will:
  - serve as a framework for future actions
  - be a flexible plan recognizing that changes could be made in the future with new information

Reconnaissance Phase Planning Process Summary

1. Identify problems and opportunities
2. Inventory and forecast conditions
3 - 4. Formulate and evaluate alternative plans
5. Compare alternative plans
6. Identify Several Promising Alternatives

Example Technical Resources Used to Identify and Prioritize Problems and Opportunities

- Technical Reports such as "Stability Problems Associated with Abandoned Underground Mines in the Picher Field", by Ken Luza

- Information compiled by the Miami, Wyandotte, Seneca-Cayuga, Ottawa, Peoria, and Eastern Shawnee Tribes

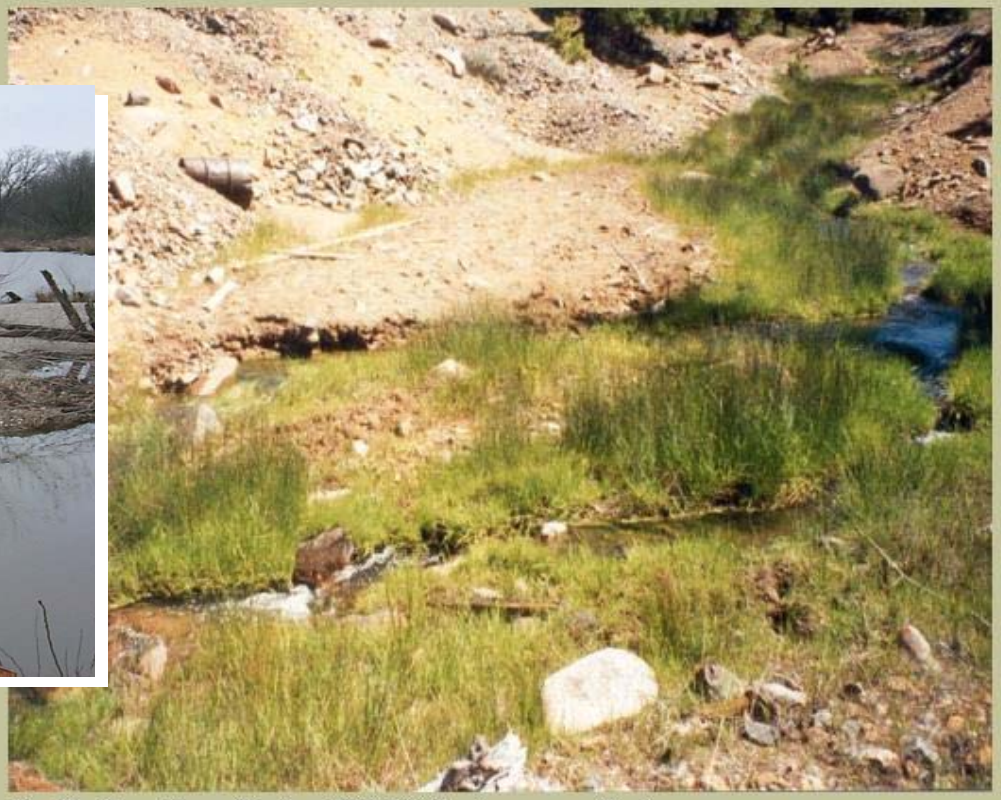
People are the Key Resources Used to Identify and Prioritize Problems and Opportunities

Tribal, State, local government officials, and community members are encouraged to play an integral part in planning the short- and long-term solutions

What are the Potential Future Possibilities for Tar Creek?

Example Bureau of Land Management Project at High Ore Creek, Montana

Tar Creek, Oklahoma



Pre-Reclamation - Station 186+00, facing up gradient.

High Ore Creek

Example Project at High Ore Creek, Montana

Reclamation - September 1999. Station 186+00, facing up gradient.

Example Project at High Ore Creek, Montana

Post-Reclamation - June, 2000. Station 186+00, facing up gradient

Thank You

….Questions?