Tulsa District

658 people

Geographic Area - Arkansas River and Red River Basins Oklahoma, Kansas, Texas

5 Major Missions

- War Fighting
- Homeland Security
- Infrastructure
- Environmental
- Water Resources
“INVESTING IN WATER” : TULSA DISTRICT USACE HIGHLIGHTS

- Watershed-based and Ecosystem Restoration
- Tar Creek Efforts
- Washita Basin Chloride Control
- Continuing Authorities/Planning Assistance
- Arkansas River Corridor Study
- Lake Reallocation Studies
- Arkansas River Navigation Project
- Water Resource Development Act 2005

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WATERSHED-BASED PLANNING

- Oologah Lake
  - Verdigris River
- Wister Lake
  - Poteau River
- Spavinaw/Eucha
  - Spavinaw Creek

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Tar Creek and Lower Spring River Watersheds

Completed and On-Going Activities:

- Reconnaissance Phase
- Watershed Management Plan
- Land Reclamation Project
- National Historic Preservation Act Programmatic Agreement
- Mine Shaft Closures
- Potential for Subsidence Initial Investigation

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Chloride Control in OK

- Area VI on Elm Fork in Harmon County
- An integral component of the Red River Chloride Control Project
  - Contributes 510 tons/day of the total 4,400 tons/day of chlorides in the Basin
  - Various control measures could remove from 80 to 90 percent of the chloride load
  - Latest detailed studies were in 1976
  - A reevaluation of the problem and solutions would be required
  - Renewed Interest by Gov. Henry
Planning Assistance to States (PAS)

On-Going and Potential PAS Activities

➢ Oklahoma Water Plan
➢ Geotechnical Investigations at Potential Sites for Mangum Reservoir
➢ Water Supply Options for the City of Bartlesville, OK

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Planning Assistance to States:
Arkansas River Corridor Master Plan

The study objective is to identify opportunities along 42 miles of the Arkansas River that take into account:

- Economic Development
- Environmental Quality
- Social Well-Being

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Continuing Authorities Program (CAP)

Active Flood Control (FC) and Ecosystem Restoration (ER) Studies:

- Haikey Creek (FC)
- Blackwell Lake (FC – clearing and snagging)
- Big Lake (ER)
- Grand/Neosho River (ER)
- Crow Creek (ER)
- Cherokee School Creek (ER)
- Joe Creek (ER)

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Lake Reallocation Studies

- Hulah/Copan
- Broken Bow
- Wister
- Texoma

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3 Major Components

- Maintenance
- Flow Management
- Deepening to 12 feet

Cost: $166 million/4 years Construction

ROD Signed 27 September 2005

$5.5 million FY05 available for construction

Construction begins in OK: RS Kerr Pool

- Dredge to 12 feet/Least Tern Island

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WRDA 2005

- Expanded in-kind credit provision
- Modification to Section 22 – PAS
- Access to water data
- Modifies PCA
- Direct funding of Hydropower O&M
- Recreation User Fees
- Streamline of Planning Process
- Modification to Water Storage Pricing
- Arcadia/Waurika/Water Supply Storage Contracting
- State Water Resources Planning
Investing in Water: The Corps Role

- Partner in Collaborative Efforts

- Approaches-
  - Traditional Structural Approaches
  - O & M of Existing Infrastructure
  - Best Management Practices
    - Wetlands, Floodplains, Ecosystem

- Investing in Water by....
  - Organizing
  - Coordinating
  - Seeking Consensus

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Thank You!

Visit our Website:

http://www.swt.usace.army.mil/