US Army Corps of Engineers ®

Tulsa District

GOVERNOR'S WATER CONFERENCE

SUPPORT FOR STATE WATER PLANNING

One Corps Serving The Army and the Nation

US Army Corps of Engineers ®

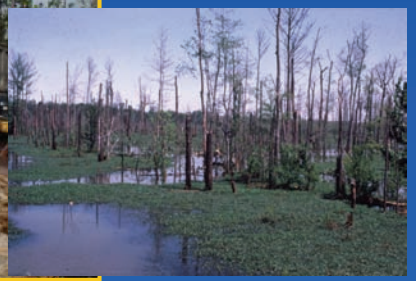
Tulsa District

650 people

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

5 Major Missions

- War Fighting
- Homeland Security
- Water Resources
- Infrastructure
- Environmental



US Army Corps of Engineers ®

Water Resource Planning and Development:

The Corps Role

- Water Resource Planning Tools
  - Planning Assistance to States
  - General Investigations Studies
  - Reallocation Studies/Section 216 Studies
  - WRDA - Special Legislation
- Federal Funding
- Support to State Water Resource Agencies
- Western States Watershed Study

US Army Corps of Engineers ®

Water Resource Planning Tools

- Planning Assistance to States Program (SEC 22)
- General Investigations Program - Authorized Studies
- Flood Plain Management
- Reallocation Studies
- Review of Completed Projects (SEC 216)
- Special Legislation (WRDA)

US Army Corps of Engineers ®

Planning Assistance to States (Section 22)

- Provides authority for the Corps to provide technical assistance to support state water planning
  - comprehensive water and related land resource development, and
  - individual study efforts
- Annual State Limit of $500,000
- States must compete for a limited "pot" of funding
- Studies are cost shared – 50% Fed + 50% Non-Fed

US Army Corps of Engineers ®

Planning Assistance to States (Section 22)

- Example Studies
  - State-wide Water Supply and Demand Studies
  - Water Supply Needs Studies for Individual Communities
  - Water Supply/Wastewater Infrastructure Studies
  - Regional Water Needs and Infrastructure Studies
  - Other Water Resource Needs Studies

US Army Corps of Engineers ®

General Investigations Studies

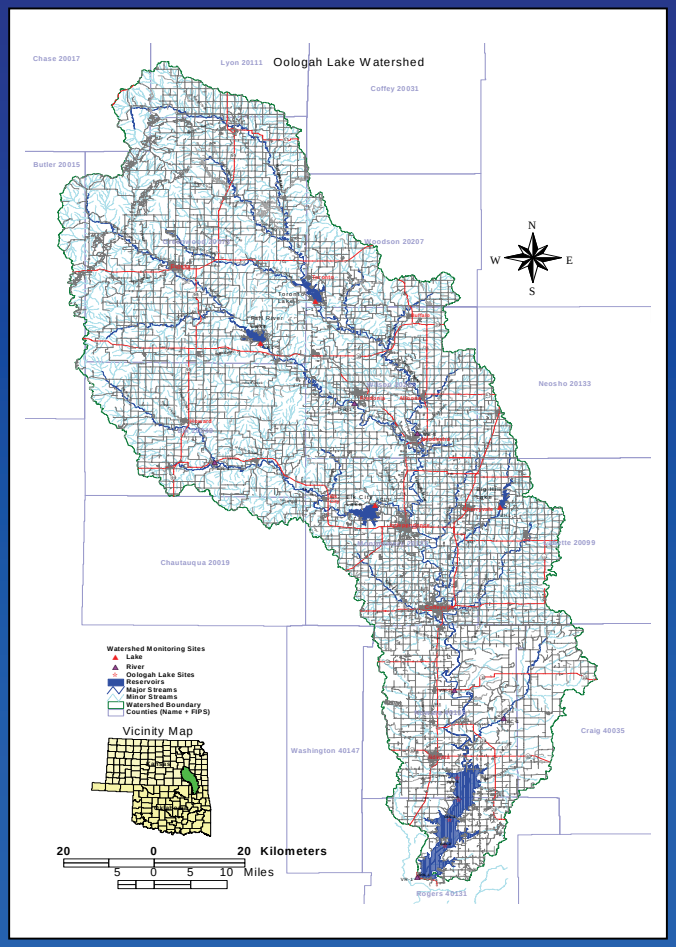
- Based on Specific Authority and Funding from the US Congress
- Typically focus on Administration "High Priority" needs
- Two-phased approach
  - Reconnaissance Phase (1 year, 100% Federal Funding)
  - Feasibility Phase (Multi-year, Cost Shared)

US Army Corps of Engineers ®

General Investigations Studies

Example Studies

- Oologah Lake
- Wister Lake
- Spavinaw/Eucha
- Southeast Oklahoma
- Washita River Basin



US Army Corps of Engineers ®

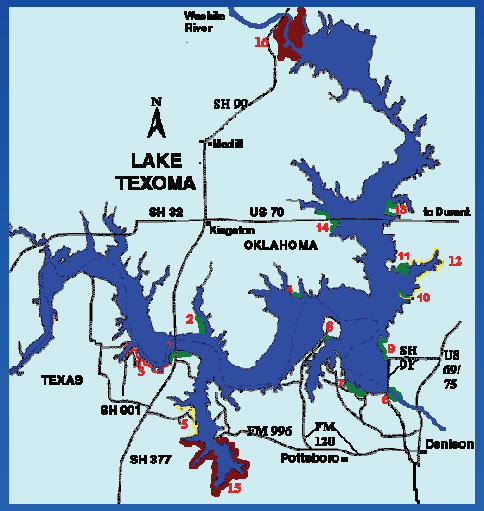
Flood Plain Management

- Allows the Corps to
  - develop and provide flood plain information and
  - to provide flood plain planning assistance to local, regional, and state agencies and to other Federal agencies.
- Funded through annual appropriations
- Work done in conjunction with and support of FEMA authorities

US Army Corps of Engineers ®

Lake Reallocation Studies

- Hulah/Copan
- Broken Bow
- Wister
- Texoma



US Army Corps of Engineers ®

Review of Completed Projects

- Allows review of completed projects when found advisable due to changed conditions.
  - Physical
  - Economic
  - Environmental

US Army Corps of Engineers

WRDA 2006 (Proposed)

- Modification to Section 22 – PAS
- Access to water data
- Streamline of Planning Process
- Modification to Water Storage Pricing
- State Water Resources Planning

US Army Corps of Engineers ®

Water Resource Development and Planning:

The Corps Role

- Water Resource Planning Tools
  - Planning Assistance to States
  - General Investigations Studies
  - Reallocation Studies/Section 216 Studies
  - WRDA - Special Legislation
- Federal Funding
- Support to State Water Resource Agencies
- Western States Watershed Study

Federal Funding

- Constrained Federal Budgets
- Nationwide Competition for Funds
- State Limits (PAS)
- Cost Sharing Requirements
- Federal versus Non-Federal Implementation
- Need for Congressional Support

US Army Corps of Engineers

Support to State Water Planning

- State Water Planning Initiative
- Corps Support
- A systematic approach will be good for Oklahoma
- Constraints on new Federal projects
  - Funding
  - Environmental Issues
  - Federal Policies

US Army Corps of Engineers

Western States Watershed Study

- Funded by Corps HQ
- In partnership with the Western States Water Council and the Western Governors' Association
- Has the chance to shape Federal policy on Water Supply

- Duane Smith, OWRB Director, is Chairman of WSWC

Thank You!

Visit our Website:

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