

Projects Impacting Federal Power

Tulsa District

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9 June 2010



BUILDING STRONG®

303(d) Listing of Broken Bow Tailwaters

- The 303(d) List reports on waters identified as impaired. These waters:
 - Have elevated portions of one or more pollutants.
 - Do not meet one or more water quality standards.
- Portions of the Mountain Fork River below Broken Bow Dam are on the 2010 draft Oklahoma 303(d) list.

Impairment

Cadmium

Lead

Water Temperature*

Impaired Use

Fish and Wildlife Propagation – Trout Fishery

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** ODWC is currently working to implement a selective withdrawal strategy in Broken Bow Reservoir to improve thermal conditions*





Denison Water Supply Storage Reallocation Update



- **WRDA 86 authorized Reallocations from hydropower to water supply 150,000 acre-feet to TX and 150,000 acre-feet to OK**

- **Water supply agreements to executed June 2010**





Interior Least Tern Operations and Habitat Creation

- **Habitat Mapping:**
 - **Significant effort during late 2008/2009.**
 - **In accordance with Biological Opinion requirements, sandbar habitat mapped on Red, Canadian, Arkansas (below Keystone only).**
 - **Arkansas below Kaw Dam not mapped owing to high water.**
 - **American Bird Conservancy summary report completed in 2009.**

- **Habitat Creation:**
 - **One area below Kaw Dam completed and Zink Island re-worked.**
 - **Biological Opinion calls for additional (and total) habitat creation by April 2010.**
 - **Additional habitat created during 2009-2010 in Webbers Falls and upstream, and in R.S. Kerr Reservoir.**





Tulsa Vision 2025 Update Arkansas River Corridor



- **2010 Activity – complete Reconnaissance Report and negotiate feasibility cost share agreement.**

- **2011 Capability \$1,650,000 to be used to begin NEPA analysis, and continue technical studies.**





Lake Eufaula Advisory Committee

- **Committee Objective:** To provide information and recommendations to the Corps for operation of Lake Eufaula to balance uses of the lake
- **Committee Composition:** Members will equally represent the project purposes for Lake Eufaula, which are: flood control, water supply, hydroelectric power, navigation, fish and wildlife and recreation
- **Subject to appropriation of funds the Corps will conduct a reallocation study at federal expense**
- **Development of Interim Pool Management Plan**
 - **Subject to approval of reallocation study and funding availability**
 - **Considers recommendations of Lake Eufaula Advisory Committee**
- **Current Status:** Assembling draft charter/documentation for submittal to Department of the Army Committee Management Officer for approval





Broken Bow Seasonal Pool Update

Cultural Resources Impacts

- **Study purpose is to provide for the reallocation of water supply for the Mountain Fork Trout Fishery; no expense to the State of Oklahoma.**
- **Study examined a range of Alternatives**
- **Pool rise of 3 feet; flood storage was identified as an alternative**
- **Current Hydropower outputs would be maintained**
- **Substantial impacts to cultural resources**
- **Mitigation of cultural resources remains unresolved**





Arkansas River Navigation Improvement

- **Study Completed 2005 Selected Plans:**
 - **Add new dredged material disposal sites in Oklahoma**
 - **Replacing existing flow management plan with new flow management plan**
 - **Increase depth of the Navigation Channel from 9 feet to 12 feet**

- **Status: Flow management place in action. Initiated Construction with FY05 O&M Congressional Add.**

- **Project: Increase the minimum channel depth from 9 feet to 12 feet on the MKARNS.**

- **Total Project Cost: \$185,435**

- **Not included in the FY10 Budget**

- **Project became cost share with Inland Waterway Trust in 2009**



Oklahoma Comprehensive Water Plan Update



- **Investigations:** Feasibility
- **Sponsor:** Oklahoma Water Resources Board
- **Purpose:** Water Resources Planning Document. Leverages three studies.
- **Total Study Cost:** \$14M - **PAS** (\$4M); **SE** (\$7M); **Washita** (\$3M)
- **Next Major Milestone:** March 2011 - Supply and Gap Analysis, Development and Evaluation of supply alternatives, and Water Plan Documentation.



Recovery Act Projects

- **As of 7 June 2010**
 - **65 of 68 Contract Actions Awarded**
 - **Includes 1 GI – OCWP**
 - **Includes 1 CG – Lawton Sewer**
 - **Represents 195 of 201 individual stimulus packages**
 - **(O&M, CG, GI)**

Total Obligated - \$86.79M (includes HL)

\$21.46M – FY09

\$65.33 – FY10

