



Denison Dam, Lake Texoma, Texas and Oklahoma

U.S. ARMY CORPS OF ENGINEERS

FACT SHEET as of February 6, 2012

BUILDING STRONG®

AUTHORIZATION: Denison Dam and Lake Texoma were authorized for construction by the Flood Control Act of 1938.

TYPE OF PROJECT: Flood Risk Management, Hydropower, Water Supply, Recreation, Environmental Stewardship

PROJECT PHASE: O&M



CONGRESSIONAL INTEREST: Senators Inhofe and Coburn (OK), Cornyn and Hutchison (TX); Representatives **Boren** (OK-2), **Cole** (OK-4) and **Hall** (TX-4).

NON-FEDERAL SPONSOR: N/A

BACKGROUND: Denison Dam, Lake Texoma is located on the Red River approximately 5 miles northwest of Denison, Texas. The structure is a rolled earth-filled embankment with a rock-protected upstream slope. Total length along the crest, including the spillway, is 17,200 feet. When completed in 1944, Denison Dam was America's largest rolled, earth-filled dam. The dam is now the 12th largest in volume in the United States. The powerhouse contains two 35,000 kilowatt generators, with provisions for three additional 43,000 kilowatt units. The first hydroelectric turbine was placed in operation in March 1945 and a second unit in September 1949. At top of power pool the lake covers 74,686 acres.

STATUS: FY 2011 activities included routine scheduled operations and maintenance activities at the project. Major maintenance contracts awarded at the project in FY 2011 included repairs to the draft tube gates, flood gates, and turntable.

ISSUES: Two legislated land transfers are on-going at the project. The city of Denison land transfer, authorized by Section 3182 (j) of WRDA 2007, is progressing on schedule, with the land transfer scheduled to complete prior to the end of FY 2012. With regards to the WRDA 1999 land conveyance to the State of Oklahoma, the state has requested the Corps to hold on the award of the associated EIS until further notice. Zebra mussels (an invasive species) were discovered to be present in Lake Texoma during 2009. The North Texas Municipal Water District, one of the principal water supply customers for Lake Texoma, has suspended pumping water from the lake while they attempt to engineer a means to control the spread of these invasive species into the water supply and distribution system of the District. Denison Dam, Lake Texoma requires additional funding to provide for critical maintenance and master plan updates that cannot be provided through the regular appropriation. Denison Dam, Lake Texoma requires additional funds to complete the rehab of the flood gates, install tainter gate wire ropes, and complete the EIS to support update to the project master plan and associated shoreline management plan.

FINANCIAL SUMMARY (\$):

	<u>O&M</u>
Federal Cost Estimate	N/A
Non-Federal Cost Estimate	N/A
Total Project Cost	N/A
Allocation thru FY 2010	N/A
ARRA Funding	\$ 8,924,000
Allocation for FY 2011	\$10,057,000
Allocation for FY 2012	\$ 6,803,000
President Budget FY 2013	\$ 7,137,000
Amount That Could Be Used for FY 2013	\$13,837,000
Balance to Complete	N/A

SCHEDULE:

FY 2012 Scheduled Work: The current FY 2012 budget will be utilized for routine operations and maintenance activities at the project. Carried over funds from FY 2011 in the amount of \$700,000 will be used to initiate a lake-wide EIS for the purpose of updating the project master plan and shoreline management plan.

FY 2013 Budget: The FY 2013 President's budget will be utilized for routine operations and maintenance activities at the project.

COMPLETION: N/A. Operating project.

For more information regarding the Denison Dam, Lake Texoma project, contact Joe Custer, Lake Manager, at (903) 465-4990 or Joe.Custer@usace.army.mil.

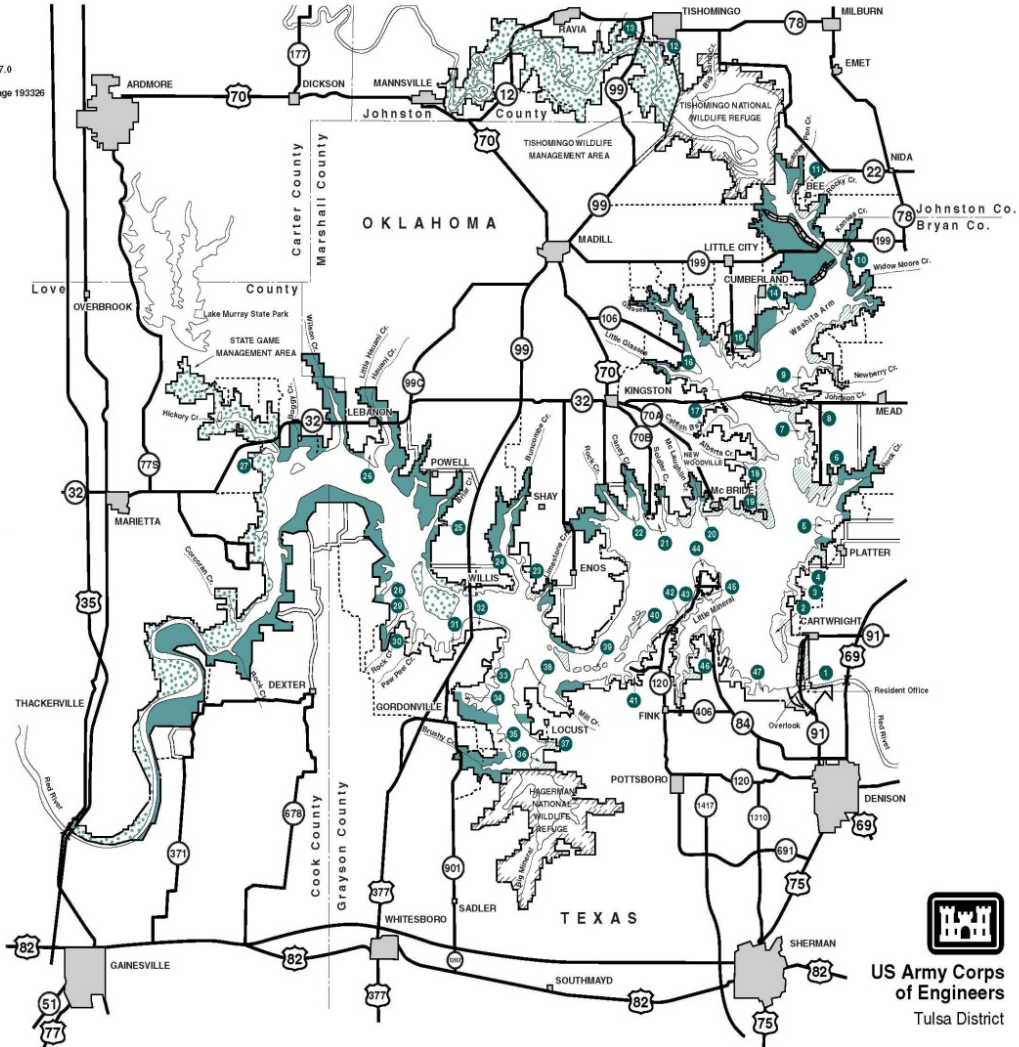
U.S. ARMY CORPS OF ENGINEERS – TULSA DISTRICT
www.swt.usace.army.mil

PROJECT MAP DENISON DAM, LAKE TEXOMA, TEXAS AND OKLAHOMA

LAKE TEXOMA



RESERVOIR DATA
Top of conservation pool El. 617.0
580 shoreline miles at El. 617.0
Total project land & water acreage 193328



US Army Corps
of Engineers
Tulsa District