



# Keystone Lake, Oklahoma

U.S. ARMY CORPS OF ENGINEERS

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**FACT SHEET as of February 6, 2012**

**AUTHORIZATION:** This project was authorized under the Flood Control Act of 1950.

**TYPE OF PROJECT:** Flood damage reduction, recreation, water supply, hydropower, navigation, environmental stewardship



**PROJECT PHASE:** O&M

**CONGRESSIONAL INTEREST:** Senators Coburn and Inhofe, OK; Representatives **Sullivan** (OK-1) and **Lucas** (OK-3).

**NON-FEDERAL SPONSOR:** N/A

**BACKGROUND:** Keystone Lake is located on the Arkansas River at river mile 538.8, about 15 miles west of Tulsa in Tulsa County, Oklahoma. The embankment is constructed of rolled earth-filled material. The total length of the dam, including a 1600 foot long concrete section, is 4600 feet. The concrete section consists of a spillway, a non-overflow section, and a power intake structure. The spillway is a gated, concrete, ogee weir surmounted by eighteen 40x35 foot tainter gates. The spillway is also equipped with nine 6x10 foot sluices. The powerhouse and power intake structure are located between the spillway and the left non-overflow sections and include two penstocks, each 27 feet in diameter, controlled by two 14x30 gates. There are two 35,000 kW generator units in the powerhouse. At top of power pool the lake covers 23,610 acres.

**STATUS:** FY 2011 activities included routine scheduled operations and maintenance activities at the project. One major maintenance contract was awarded at the project in FY 2011 to install tainter gate wire rope.

**ISSUES:** Keystone Lake requires additional funding to provide for critical maintenance that cannot be provided through the regular appropriation. Keystone Lake requires additional funds to initiate an EIS to support update to the project master plan and associated shoreline management plan solicit recreation proposals under the Oklahoma Lakes Demonstration Program (Section 3134 of WRDA 2007).

**FINANCIAL SUMMARY (\$):**

	<u>O&amp;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	\$ 1,952,000
Allocation for FY 2011	\$ 5,006,000
Allocation for FY 2012	\$ 6,932,000
President Budget FY 2013	\$13,468,000
Amount That Could Be Used for FY 2013	\$17,018,000
Balance to Complete	N/A

**SCHEDULE:**

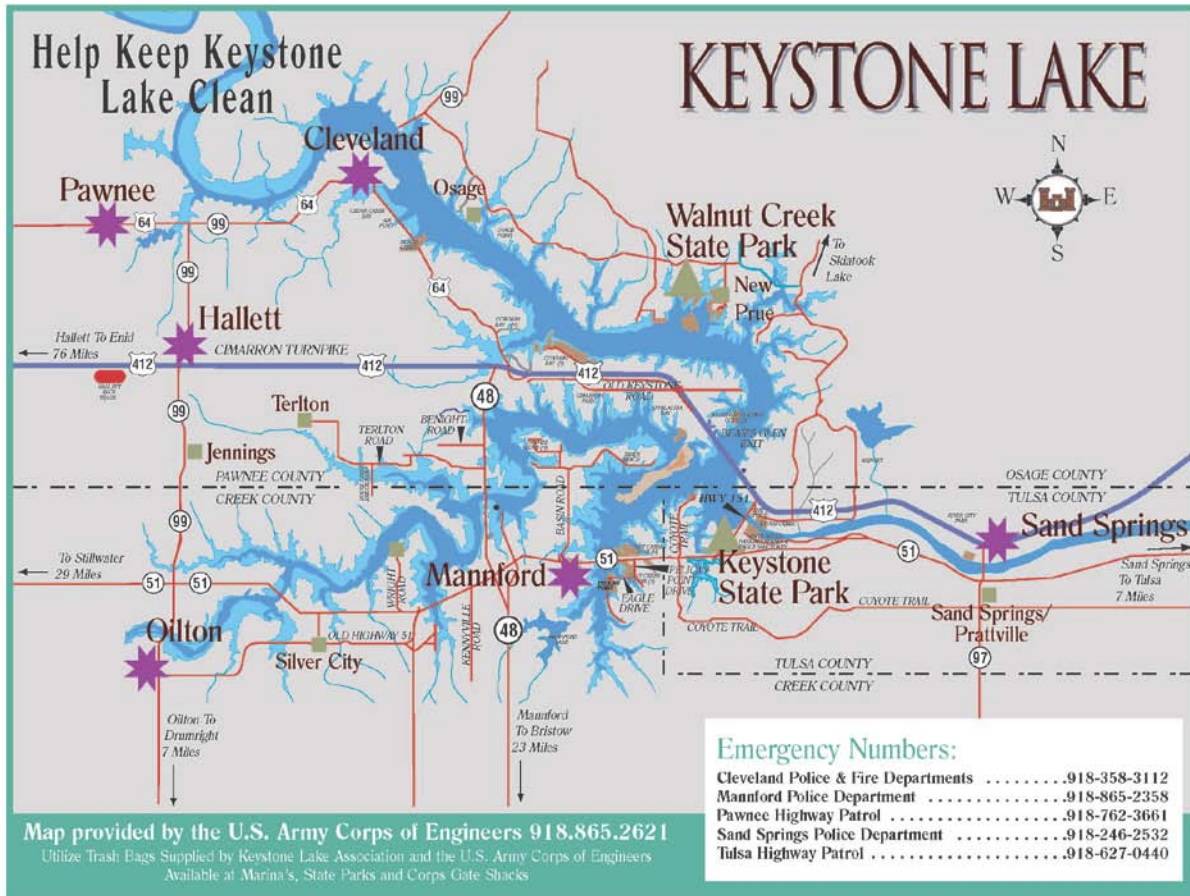
**FY 2012 Scheduled Work:** The current FY 2012 budget will be used for routine operations and maintenance activities at this project. Planned major maintenance at the project in FY 2012 includes award of the Phase I dam bridge replacement contract, replacing discharge pipes, repairing gates, and removing vegetation at Cleveland Levee, and repairing the project office roof.

**FY 2013 Budget:** The FY 2013 President's budget will be used for routine operations and maintenance activities at the project. The budget amount includes funding for the Phase II dam bridge replacement contract, endangered species surveys, and additional maintenance on the Cleveland Levee.

**COMPLETION:** N/A. Operating project.

**For more information** regarding the Keystone Lake project, contact William Jeffries, Lake Manager, at (918) 865-2612 or William.R.Jeffries@usace.army.mil.

**PROJECT MAP  
KEYSTONE LAKE, OKLAHOMA**



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