



FACT SHEET as of February 21, 2012

AUTHORIZATION: Rivers and Harbors Acts of 1945, 1946, and 1962, and the Supplemental Appropriations Act of 1983 (PL 98-63).

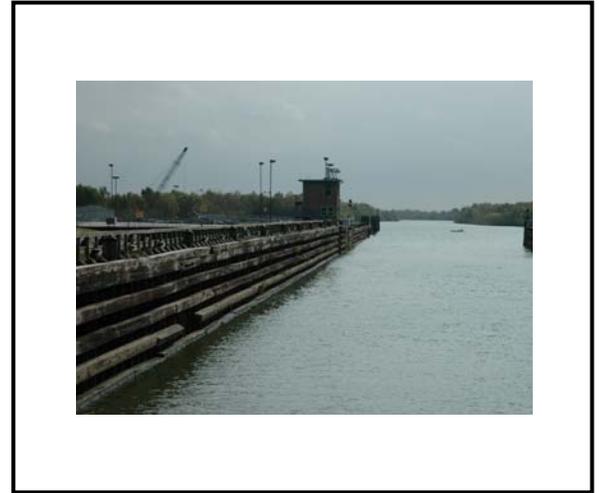
TYPE OF PROJECT: Flood Risk Management

PROJECT PHASE: O&M

CONGRESSIONAL INTEREST: Senators Hutchison and Cornyn (TX), Representatives Poe (TX-2), and Paul (TX-14)

NON-FEDERAL SPONSOR: Trinity River Authority of Texas

BACKGROUND: Wallisville Lake is a multiple purpose project built on the Trinity River to prevent salinity intrusion and provide water supply, recreation, navigation, and fish and wildlife enhancements. The project includes approximately 8 miles of earthen dam and an overflow spillway with a Tainter Gate assembly, and an 84 X 600 feet navigation lock with a sill depth of 16 feet for commerce and pleasure craft use. Construction initially began in the late 1960s but was stopped due to environmental concerns. Modifications resulted in a saltwater barrier project, with no reservoir pools, to emulate pre-project conditions as closely as possible. Construction resumed in 1996 and was completed in 1999.



STATUS: FY11 activities included completion of the Structure 'A' Riprap Repair and Riverbank Erosion Repair Project.

ISSUES: The lock walls of the dam are over 40 years old and contain many deteriorated rotten and missing timbers. Additional funds are needed to replace missing or damaged features. Failure to rehabilitate Navigation Lock walls will impede navigation and is a safety hazard. Also without major rehab, the tainter gates will not be able to effectively control salinity in the river. If the gates fail, saltwater will intrude further up the Trinity River, and the Corps will not meet our water supply and agricultural customers' requirements. For the structure to perform as designed, all gates have to be working.

FINANCIAL SUMMARY (\$):

	<u>O&M</u>
Federal Cost Estimate	N/A
Non-Federal Cost Estimate	N/A
Total Project Cost	N/A
Allocation for FY 2010	\$8,463,000 <u>1/</u>
ARRA Funding	0
Allocation for FY 2011	4,312,000 <u>2/</u>
Allocation for FY 2012	1,951,000
President Budget FY 2013	2,482,000
Amount That Could Be Used for FY 2013	6,482,000
Balance to Complete	N/A

1/ Includes \$6,275,000 in supplemental funding

2/ Includes \$2,348,000 in supplemental funding

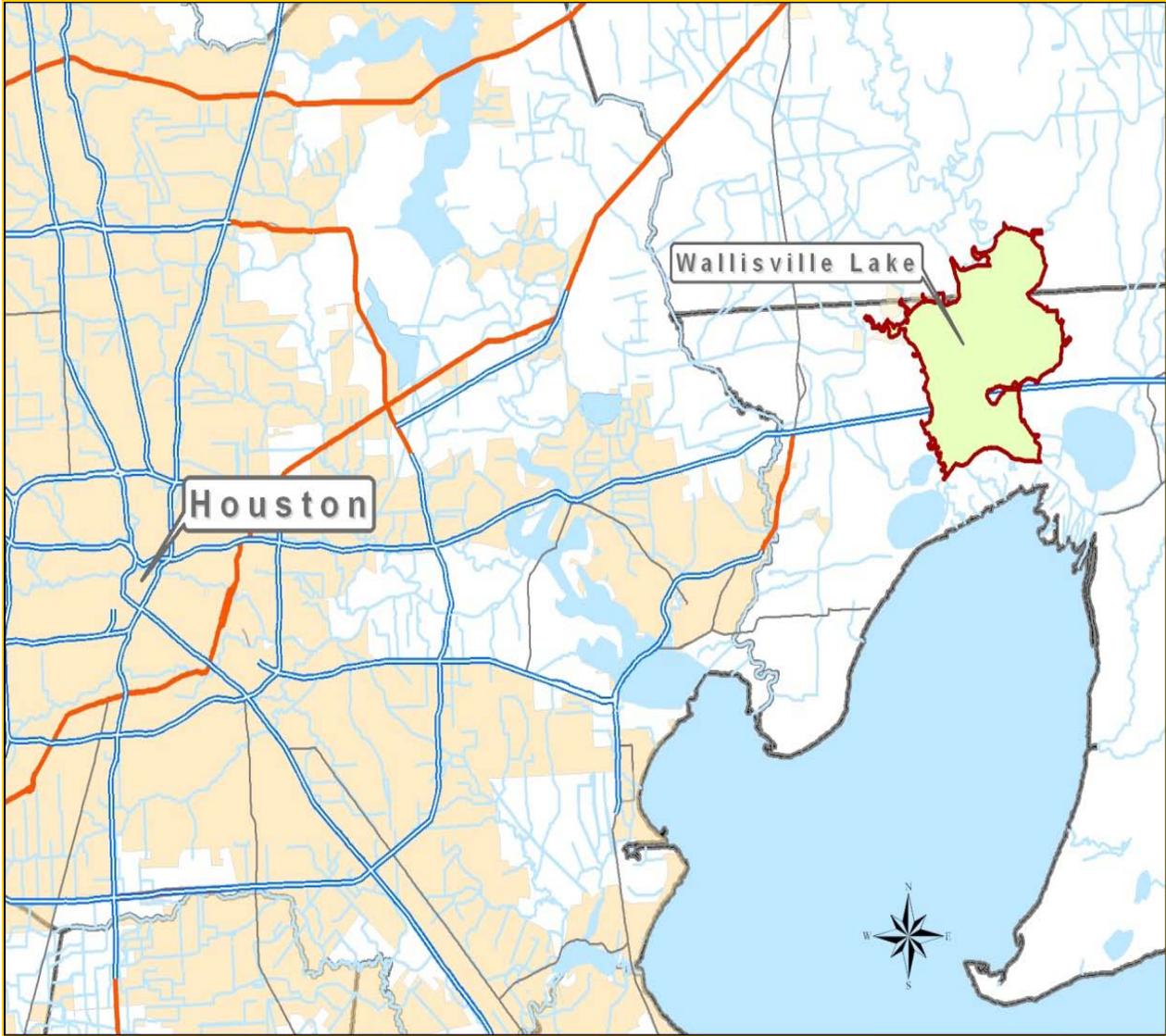
SCHEDULE:

FY 2012 Scheduled Work: FY 12 activities included Operation and Maintenance at Wallisville Lake implementing the stream gauging and water control programs, performing periodic assessments, and perform Dam safety requirements. Also includes completion of Structure 'A' Riprap repair and Riverbank Erosion Repair Projects.

FY 2013 Budget: FY 13 activities will include Operation and Maintenance at Wallisville Lake (\$1,830,000), perform service contracts for repairs (\$30,000), maintenance for project boundary delineation, (\$497,000), study flows at the intersection of old River cutoff and Trinity river (\$125,000). Additional funding will also allow for the rehabilitation of the Tainter Gates for saltwater intrusion facility (\$3,000,000), and to plug the Sulphur Cut for sedimentation abatement (\$1,000,000).

COMPLETION: N/A

For more information regarding the Wallisville Lake, TX project, contact Mr. Pete Perez, P.E., Deputy District Engineer, Chief, Programs and Project Management Division at 409-766-3018 or Pete.G.Perez@usace.army.mil.



U.S. ARMY CORPS OF ENGINEERS – GALVESTON DISTRICT
www.swg.usace.army.mil