



# WHITLOW RANCH DAM, AZ

Operations & Maintenance

**U.S. ARMY CORPS OF ENGINEERS**

**BUILDING STRONG.**

**LOCATION AND DESCRIPTION:** Located 50 miles SE of Phoenix, AZ, in Pima County, AZ. Project elements being operated and maintained:  
Dam (earth-fill; 25-feet-high; 978-feet-long)  
Outlet Works (circular conduit) Un-gated  
Service Roads Reservoir (35,593 acre-foot cap spillway crest - 1976)  
No Recreation Facilities (663 visitors in FY 2013)

**AUTHORIZATION:** Flood Control Act of 1946

**ACTIVITIES FOR FY 2017:** Funds will be used for Operations and Maintenance project and program management, real estate land management, water control & quality management, environmental management & compliance, dam safety, dam maintenance.

**PROPOSED ACTIVITIES FOR FY 2018:** Funds would be used for legal and policy required operations and maintenance; water control/quality management; real estate compliance inspections; environmental compliance and protection; dam safety inspections; and environmental management and compliance.

**ISSUES AND OTHER INFORMATION:** The structure is un-gated and requires routine maintenance to manage the sediment and debris, which settles at the outlet works. Since construction of the Dam in 1960, Phoenix and the surrounding area has experienced a major population increase, with development pushing further into the desert nearing the un-gated flood control structure. A Spillway Erodibility Study began in FY99, completed in early FY00, concluded that the entire spillway is generally erodible; however, the duration of the expected maximum flow event is so short that a sill breach probably would not occur. Local residents frequently use the Dam structure for target practice with large bore weapons and rifles. Our Security Officer is working with the local Law Enforcement to curtail these activities. An operations management plan for the riparian eco-system must be completed. A large fire, which occurred in the basin during the summer of FY12 resulted in a large area of the basin being burned, leaving fallen debris and trees, which will need to be removed. If not removed, the fallen debris and trees will flow to the outlet works during large rain events and impact project operations.



As of: 3 Feb 17

**FINANCIAL SUMMARY:**

**Operations & Maintenance**

Estimated Federal Cost	363,000
Estimated Non-Federal Cost	0
Total Estimated Project Cost	363,000
Allocation thru FY16	363,000
Allocation for FY17	TBD
President's Budget for FY18	TBD
House Report for FY18	TBD
Senate Report for FY18	TBD
Balance to Complete After FY18	N/A

**CONGRESSIONAL INTEREST:** Congressman Paul Gosar AZ-4