

# WHITLOW RANCH DAM, AZ

### **Operations & Maintenance**

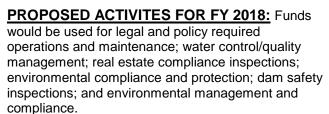
#### U.S. ARMY CORPS OF ENGINEERS

**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.



# 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



As of: 3 Feb 17

## Operations &

| FINANCIAL SUMMARY:             | <u>Maintenance</u> |
|--------------------------------|--------------------|
| 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                |

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.

CONGRESSIONAL INTEREST: Congressman Paul Gosar AZ-4