



# PAINTED ROCK DAM, AZ

## Operations & Maintenance

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

### LOCATION AND DESCRIPTION:

Located about 20 miles NW of Gila Bend, AZ, and 120 miles SW of Phoenix, AZ. Project elements being operated and maintained:

Dam (earthfill; 181-feet high; 4,780-feet long);  
Saddle Dike Outlet Works (circular conduit);  
Spillway (detached);  
Pilot Channel Reservoir (2,491,493 acre-foot cap spillway crest – 1977); and  
One recreation area (downstream at borrow pit area). This Rec area is closed by the State of Arizona due to contaminated water.



### AUTHORIZATION:

Flood Control Act of 1950.

### ACTIVITIES FOR FY 2020:

Funds will be used for the following:

**OPERATIONS** – Legal or policy mandated minimum level operational activities; water control and management, including data analysis; inspection of land for hazardous materials; environmental stewardship activities and recreation management.

**MAINTENANCE** – Legal or policy mandated maintenance activities; repair/rehabilitation to phone lines; updates to the electrical system; dam safety oversight; and water instrumentation maintenance.

### FY 2021 PLANNED ACCOMPLISHMENTS:

Optimal funding could be used for the following:

**OPERATIONS** – Legal or policy mandated minimum level operational activities; water control and management, including data analysis; inspection of land for hazardous materials; environmental stewardship activities and recreation management

**MAINTENANCE** – Legal or policy mandated maintenance activities; updates to the electrical system; dam safety oversight; design and repair of the downstream weir which was constructed higher than the dam outlet resulting in ponding, and water instrumentation maintenance.

### ISSUES AND OTHER INFORMATION:

Fully operational since April 1959, this is a DSAC III dam that has been classified as significantly inadequate, moderate to high risk, high priority, and conditionally unsafe. The flood risk management project is reaching over 58 years of service and requires rehabilitation of dam operator housing and compound structures, as well as major dam components, such as motors & generators, before structural and component failure at the project. The water quality at this dam is poor. There is a need for potable water at the dam compound with the preferred option to dig a new well. Additionally, the service elevator requires constant maintenance and is reaching the end of its useful life. Failure of the service elevator could adversely affect regular operations. A failure of the dam will cause economic loss and loss of life along the Gila River and Colorado River from Lake Havasu to Mexico.

### CONGRESSIONAL INTEREST:

Congressperson (AZ-3) Grijalva.

As of 5 FEB 20

### SUMMARIZED FINANCIAL DATA:

### O&M

Estimated Federal Cost	\$3,055,140
Estimated Non-Federal Cost	0
Total Estimated Project Cost	\$3,055,140
Allocation thru FY19	\$3,055,140
Allocation for FY20	\$1,153,350
President's Budget for FY21	\$4,570,000
House Report for FY21	TBD
Senate Report for FY21	TBD
Balance to Complete After FY21	N/A

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