



# PINE & MATHEWS CANYONS DAMS, NV

## Operations & Maintenance

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

### LOCATION AND DESCRIPTION:

#### a. PINE CANYON DAM:

Located about 100 miles NE of Las Vegas, NV  
 Project elements being operated and maintained:  
 Dam (earth-fill; 92 feet-high; 884 feet-long)  
 Outlet Works (circular conduit)  
 Spillway (crest-block)  
 Dike (earth-fill)  
 Service Roads  
 Reservoir (7,747 acre-feet cap spillway crest -1977)  
 272 visitors in FY 2013

Pine Canyon Dam



#### b. MATHEWS CANYON DAM:

Located about 100 miles NE of Las Vegas, NV  
 Project elements being operated & maintained:  
 Dam (earth-fill; 71 feet-high; 800 feet-long)  
 Outlet Works (circular conduit)  
 Spillway (concrete)  
 Service Roads/Trash Rack  
 Reservoir (6,271 acre-feet cap spillway crest-1977)  
 241 visitors in FY 2013.

Mathews Canyon Dam



### AUTHORIZATION:

Flood Control Act of 1950.

### ACTIVITIES FOR FY 2020:

Funds would be used for servicing facilities and minimum operational and maintenance requirements; environmental/resource land management; water control and quality management; real estate property accountability; civil works land data migration; topographic survey; utilization inspections; cultural resource survey; dam safety oversight, including periodic assessment; project/program management.

### FY 2021 PLANNED ACCOMPLISHMENTS:

Optimal funding could be used for updates to operations and maintenance documentation; investigation concerning a depression; cultural resources management programmatic agreement with Nevada State Historic Preservation Officer; natural resources surveys; sediment analyses and removal; rodent control; and other high priority efforts.

As of 5 Feb 2020

### FINANCIAL SUMMARY:

### O&M

Estimated Federal Cost	\$807,840
Estimated Non-Federal Cost	0
Total Estimated Project Cost	\$807,840
Allocation thru FY19	\$807,840
Allocation for FY20	\$1,197,900
President's Budget for FY21	\$671,000
House Report for FY21	TBD
Senate Report for FY21	TBD
Balance to Complete After FY21	N/A

U.S. ARMY CORPS OF ENGINEERS – LOS ANGELES DISTRICT

915 WILSHIRE BLVD., SUITE 930, LOS ANGELES, CA 90017

<http://www.spl.usace.army.mil>

**ISSUES AND OTHER INFORMATION:**

Dams were initially placed in full operation in December 1957. Project structures are in good condition. However, routine maintenance is critical to project operations. The structures are un-gated and require routine maintenance to manage the sediment and debris, which settles at the outlet works. Screening Portfolio Risk Assessments (SPRA) have been completed for the dams resulting in the following Dam Safety Action Classification (DSAC) rating: DSAC IV for both dams. A periodic assessment has never been completed at Pine Canyon Dam and is scheduled for this FY. These projects are reaching over 60 years of service. The dam is located in a remote location. Any activity to inspect, maintain or secure property requires significant resources.

**CONGRESSIONAL INTEREST:**

Congressperson: Horsford (NV-4).

**U.S. ARMY CORPS OF ENGINEERS – LOS ANGELES DISTRICT**  
915 WILSHIRE BLVD., SUITE 930, LOS ANGELES, CA 90017  
<http://www.spl.usace.army.mil>