



ISABELLA LAKE, CA CONSTRUCTION

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Location & Description

Isabella Lake Dam (consisting of a Main Dam, Auxiliary Dam and service spillway) is located about 40 miles northeast of Bakersfield in Kern County, California, and became fully operational in 1953. The Main Dam is located near the confluence of the north and south forks of the Kern River and the Auxiliary Dam is located about half a mile east of the Main Dam. The Main Dam is a 185-foot-high earth-fill dam, and the Auxiliary Dam is a 100-foot-high earth-fill dam. The service spillway is located between the two dams. The reservoir (Isabella Lake) has a gross storage capacity of 568,075 acre feet.

June 2017



Highlights (Last 30 days)

- USACE continues construction on the USFS Admin/Warehouse building, USFS Fire Station, and temporary construction trailer campus. Construction of each facility is expected to complete in August, October, and June 2017, respectively.
- Southern California Edison is constructing power substations to be used by the Phase II construction contractor. Using electrified equipment will reduce the number of generators used by the contractor.
- USACE completed the Phase II Dams and Spillways design and has begun the contracting process, with a contract award expected by the end of fall 2017.
- USACE continues to work with the Kern River Watermaster and downstream water users to maintain the lake's water levels below the restricted pool and accommodate runoff from snowmelt.

Looking Ahead (Next 30+ days)

- Once the SR155 turn lane design for French Gulch is complete, a contract will be solicited for construction of the SR155 turn lane. Solicitation is expected in summer 2017.
- USACE draft Supplemental Environmental Assessment #6 (SEA #6) addressing cultural concerns at the SR155 turn lane was delayed to verify compliance with Caltrans' California Environmental Quality Act (CEQA) requirements. SEA #6 is expected to be released for public review in June 2017 with public meetings to follow.
- USACE anticipates conducting negotiations with Southern California Edison for the Borel canal easement through the Auxiliary Dam during summer 2017.

Current Lake Status (as of May 30, 2017)

The current pool resides at 333,296 acre-feet, and an elevation of 2,582.40 feet, which is 92% of the restricted pool. As part of our interim risk reduction measures, Isabella Lake has a restricted elevation of 2,589 feet (361,250 acre-feet). Current lake status can be viewed at <http://130.165.21.224/fcgi-bin/hourly.py?report=isb>

Milestones	
Pre-Construction Engineering and Design	Complete
Construction of USFS Facilities	Began Fall 2016
Dams and Spillways Construction	2017-2022