

**Rehabilitate San Antonio Creek Blow-Off  
(2012-2-35)**

**Project Ranking**

95%

**Total Estimated Cost:** \$45,000



**Background**

The San Antonio Creek blow-off structure was constructed as an addition to the Cachuma Project facilities in 1958. It was constructed to provide a method for water release and draining of Lauro Reservoir during an Emergency Scenario. The structure's sole purpose is to respond to dam safety considerations.

**Need for Project**

The existing structure includes a 16-inch and a 12-inch gate valve that are both frozen in place and inoperable because of age and corrosion. The inoperable condition of the valves prevents regular maintenance. The two valves serve as a lifeline control response to an emergency that would require COMB to drain or reduce the elevation at Lauro Reservoir in response to dam safety considerations.

**Description**

San Antonio Creek blow-off structure is twenty-five feet deep and a quarter mile from the access road which crosses San Antonio Creek, making access difficult and potentially complicated. The 16 and 12 inch valves would be removed and replaced. The project will require a shutdown of the South Coast Conduit.

Phase I (Fiscal Year 15-16): Engineering and Design

Phase II (Fiscal Year 17-18): Construction

**Regulatory Compliance**

The structure is located in a county park and may require environmental review because of access restrictions. This project has been identified by the USBR as a Category 2 recommendation.

**Budget & Schedule**

**Internal Staff Estimate**

| <b>Fiscal Year</b> | <b>Cost</b>      |
|--------------------|------------------|
| 2015-16 (Phase I)  | \$ 10,000        |
| 2016-17            | \$ 0             |
| 2017-18 (Phase II) | \$ 35,000        |
| <b>Total</b>       | <b>\$ 45,000</b> |