



## WATER RESOURCES AGENCY

# MEMORANDUM

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Monterey County

**DATE:** October 3, 2018

**TO:** Monterey County Legislative Committee  
**FROM:** Elizabeth Krafft, Senior Water Resources Hydrologist  
**SUBJECT:** Updates: 1. Interlake Tunnel and Spillway Modification Project Fish Screens  
2. Nacimiento and San Antonio dam inspections

1. The Monterey County Water Resources Agency (Agency) has been working with the California Department of Fish and Wildlife (CDFW) since 2015 to identify a solution to the possible movement of white bass from Nacimiento Reservoir into San Antonio Reservoir via the Interlake Tunnel and Spillway Modification Project (Project).

There is no new information on this topic since the September update.

2. Nacimiento Dam is regulated by both the Federal Energy Regulatory Commission (FERC) and the California Department of Water Resources, Division of Safety of Dams (DSOD) regarding dam safety matters. San Antonio Dam is regulated by the DSOD only. After recent inspections of both dams and spillways, both DSOD and FERC have indicated to MCWRA staff that compliance deadlines must be met or MCWRA runs the risk of enforcement actions. It has also been made clear that deferring maintenance of the facilities is unacceptable. Items due to FERC for Nacimiento Dam by the end of 2018 include:
  - a. Inundation functional exercise (coordinated with Monterey County Office of Emergency Services) scheduled for October 26, 2018
  - b. Potential Failure Mode Analysis (presently in progress)
  - c. Dam Safety and Surveillance Monitoring Plan
  - d. Dam Safety and Surveillance Monitoring Report

Items due to DSOD for Nacimiento Dam include:

- a. Revised spillway crest gate operations manual
- b. Purge valve security box

DSOD has also unofficially indicated that full replacement of the spillway at San Antonio may be required. MCWRA has not yet completed cost estimating for all the necessary work, but replacing San Antonio dam spillway could cost upwards of \$50 million.