

CALIFORNIA DEPARTMENT OF WATER RESOURCES

# State Water Project

February 15, 2023



California Water Commission Briefing

Ted Craddock, Deputy Director

# SWP Priorities

- Strategic Planning and Risk Management
- Water Supply Management
- Water Contracts and Agreements
- Power Planning
- System Reliability



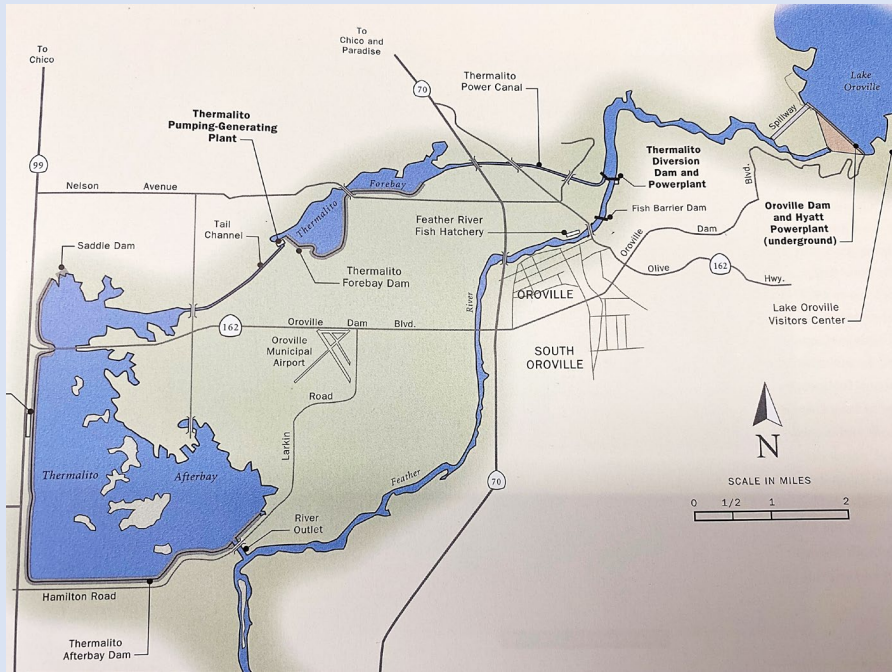


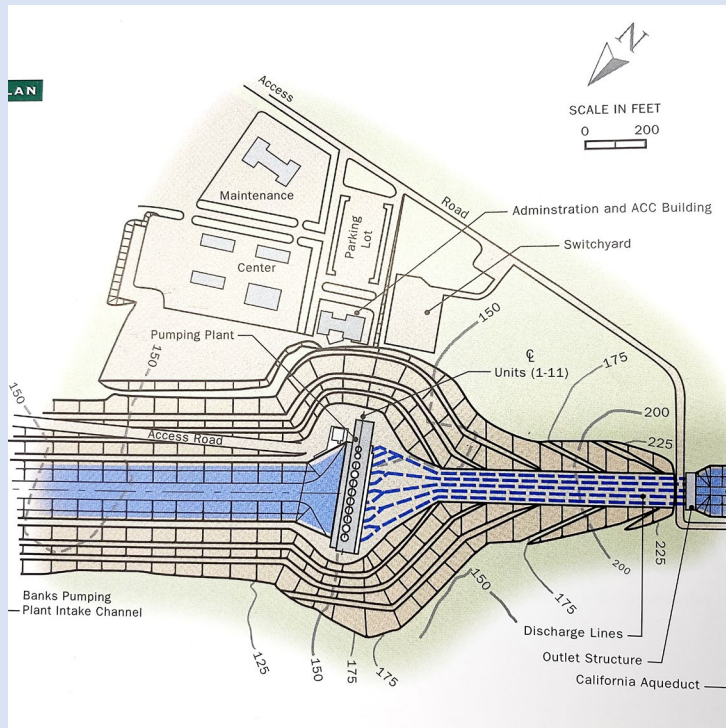
# State Water Project – Operational Flexibility

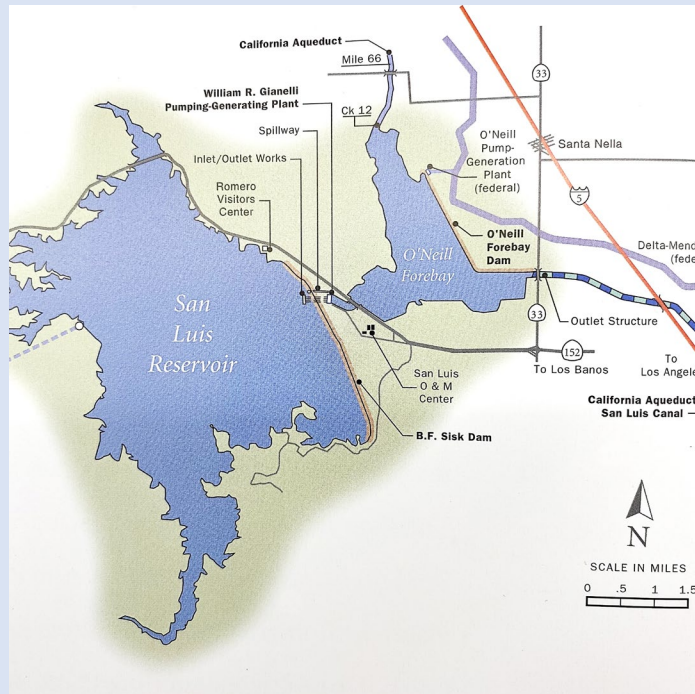
John Yarbrough, SWP Assistant  
Deputy Director

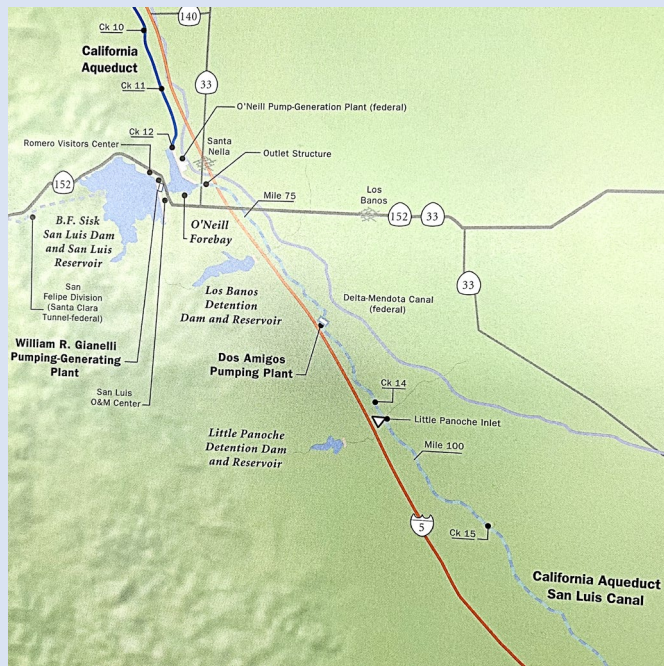
# State Water Project Facilities















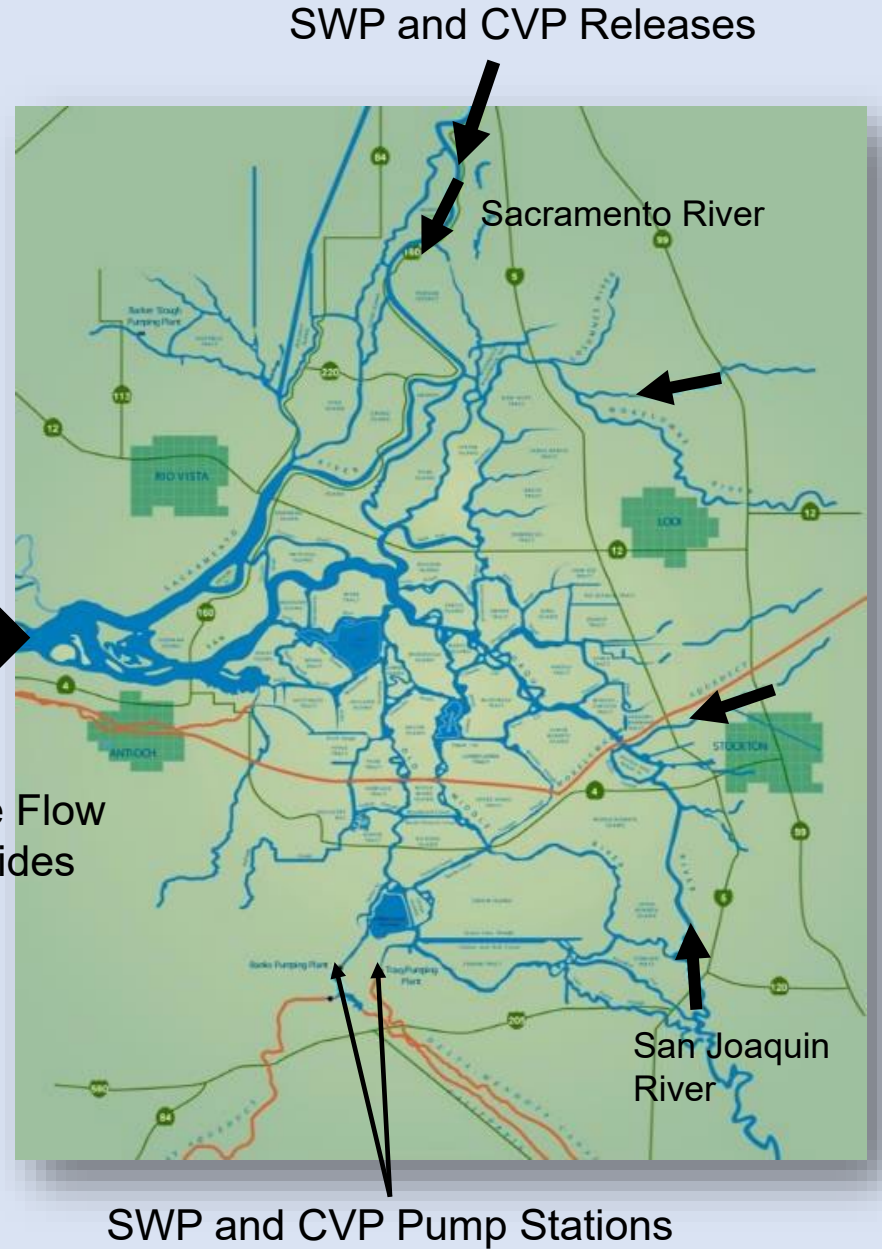
# Delta Complexities

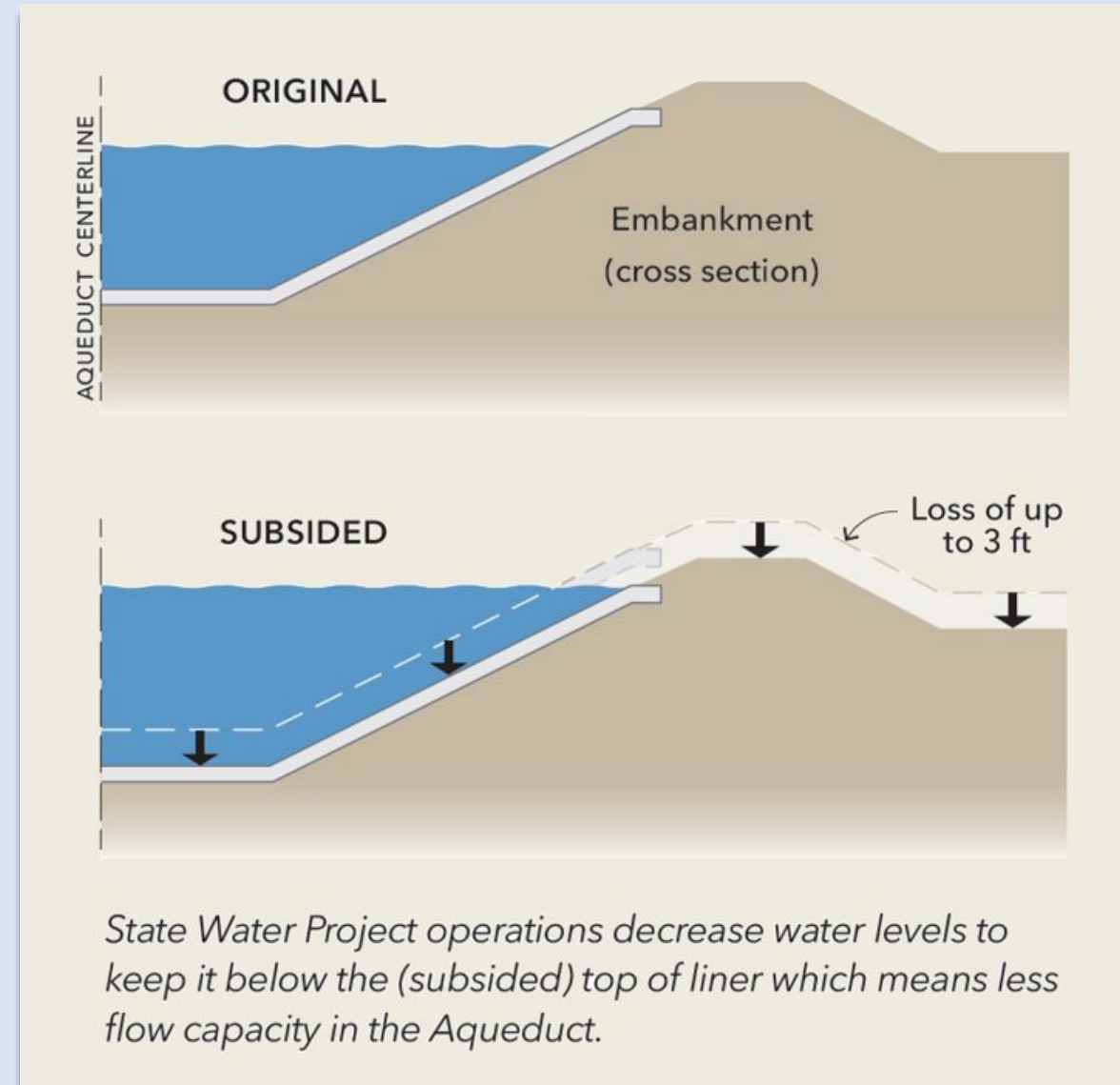


Flows to Bay &  
Pacific Ocean



Reverse Flow  
from Tides





## Restrictions on Flexibility - Subsidence



Aging Infrastructure

# Balancing competing needs





**Proposed Facilities\***

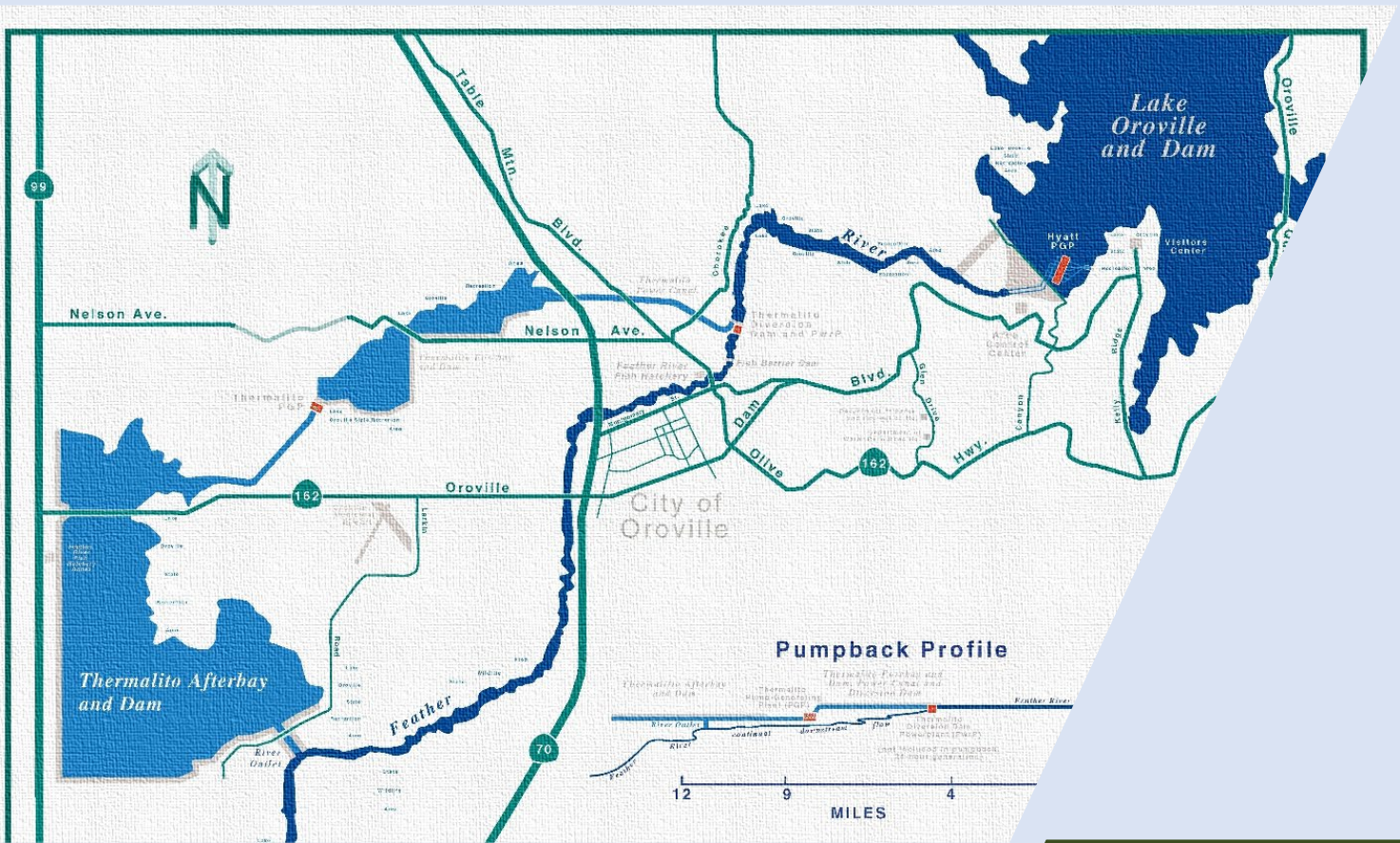
Two new intakes in the north Delta, each with 3,000 cubic feet per second (cfs) capacity, for the proposed project. Alternatives could include one, two, or three intakes.

One below ground tunnel, following an eastern, central, or Bethany alignment, designed to protect California's water supplies from sea level rise, earthquakes, subsidence and levee failure.

**Operational Flexibility**

A new diversion facility would be operated together with existing South Delta pumping facilities

Operations would increase DWR's ability to capture water during high flow events



What is SWP doing to increase flexibility?