## State Water Project

February 15, 2023



### SWP Priorities

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

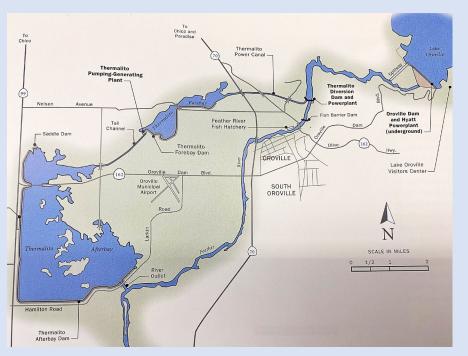




# State Water Project – Operational Flexibility

John Yarbrough, SWP Assistant Deputy Director

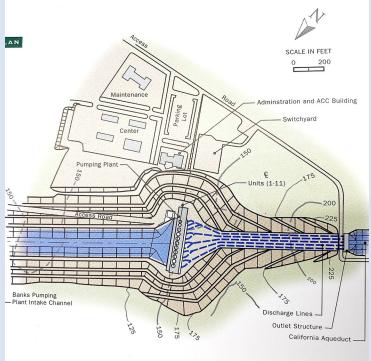
Thermalito Diversion  Thermalito Forebay Thermalito Pumping- Therm
Barker Slough Pumping Plant Cordelia Pumping Plant North Bay Aqueduct  South Bay Pumping Plant South Bay Aqueduct  South Bay Aqueduct  South Bay Aqueduct  Lake Del Valle Pumping Plant Del Valle O'Neill Pumping Plant San Luis Reservoir Los Banos Reservoir  Los Banos Reservoir  O'Neill Forebay Dos Amigos Pumping Plant Little Panoche Reservoir
Badger Hill Pumping Plant Devil's Den Pumping Plant Bluestone Pumping Plant Polonio Pass Pumping Plant Coastal Branch Aqueduct Buena Vista Pumping Plant Pumping Plant Pumping Plant Pumping Plant Edmonston Pumping Plant Edmonston Pumping Plant Pumping Plant Edmonston Pumping Plant Pearblossom Pumping Station Crafton Hills Pumping Station Crafton Hills Pumping Station Crafton Hills Reservoir Cherry Valley Pump Station
N  Citrus Reservoir  Citrus Pump Station  Miles o 25 50 100 200





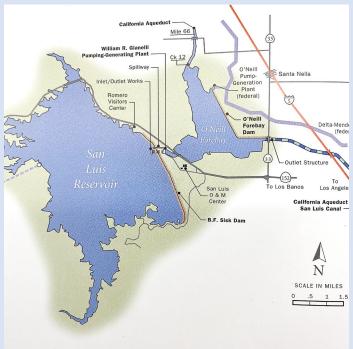




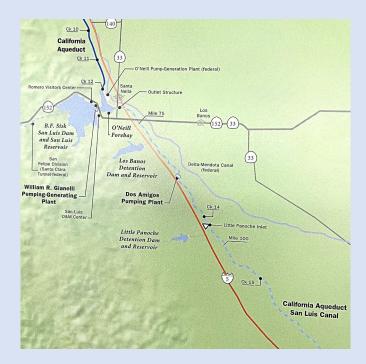








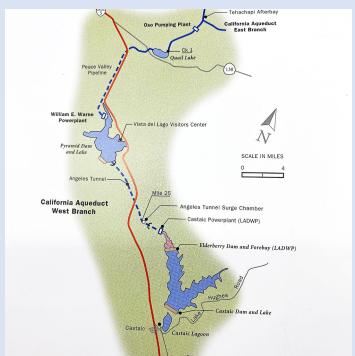






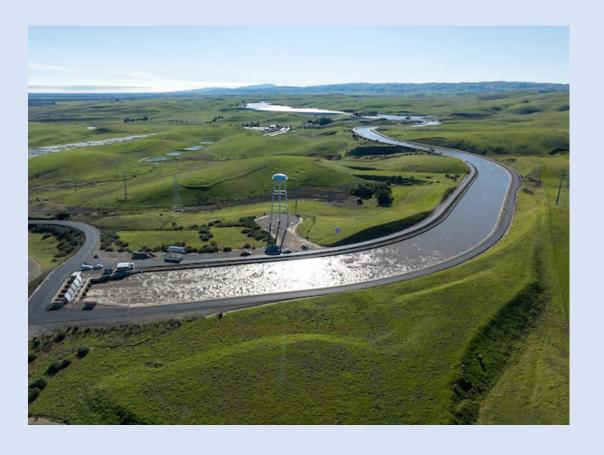


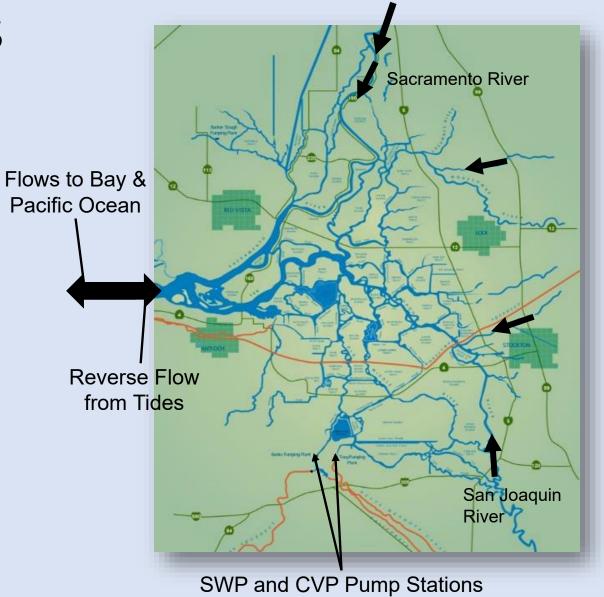






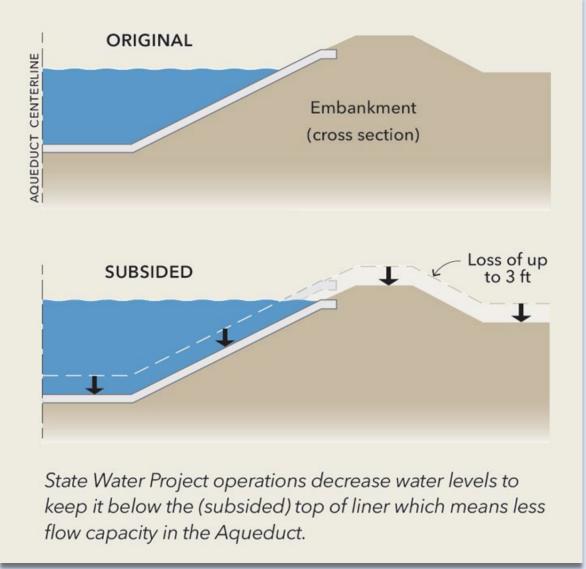
#### Delta Complexities





SWP and CVP Releases





Restrictions on Flexibility - Subsidence







Aging Infrastructure

#### Balancing competing needs







Proposed Facilities\*

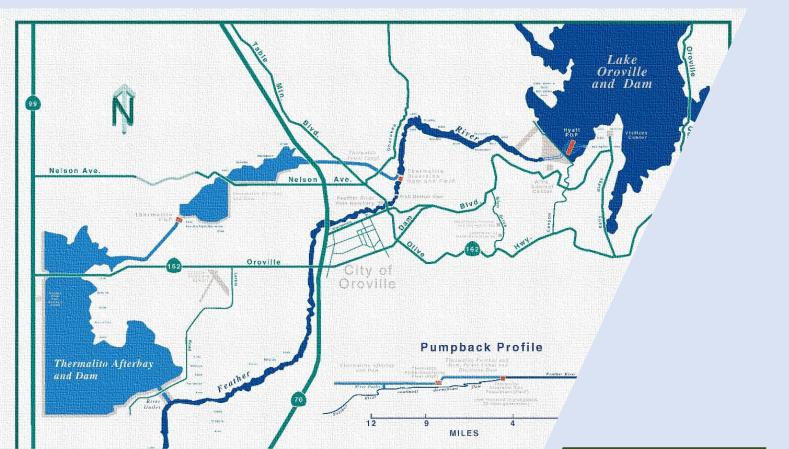
Two new intakes in the north Delta, each with 3,000 cubic feet per second (cfs) capacity, for the proposed project. Alternatives could include one, two, or three intakes.

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



What is SWP doing to increase flexibility?