



The State Water Project What's Ahead?

AVSWCA Meeting

October 8, 2020



The man who moves a mountain begins by carrying away small stones.

Confucius

Table of Contents

- 01** State Water Project
- 02** State Water Contractors
- 03** Future of the State Water Project

State Water Project

34 storage facilities, reservoirs and lakes

20 pumping plants

4 pumping-generating plants

5 hydroelectric power plants

701 miles of open canals and pipelines

Construction began in the 1960s



State Water Project Delta Facilities



Current Status of Delta Environment

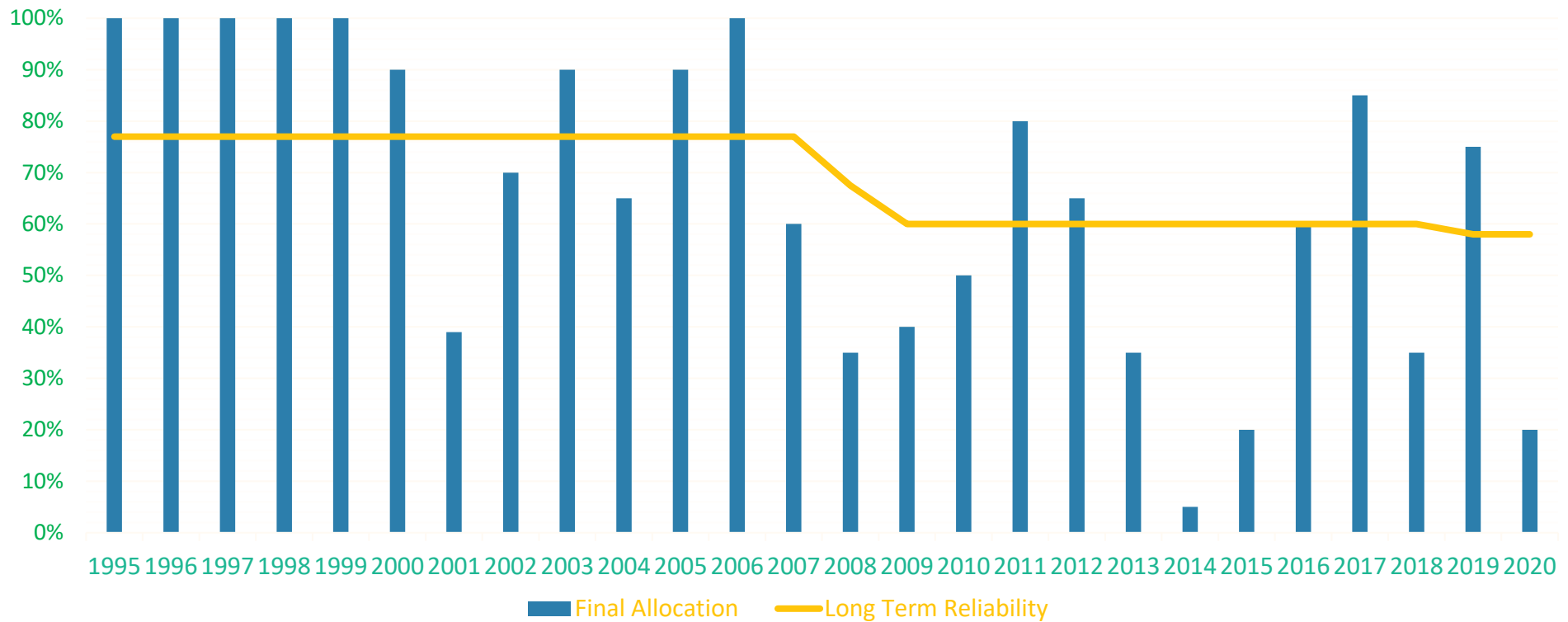
- The regulatory environment in the Delta is always changing
- Long-term SWP reliability¹ has dropped from **76% to 58% over the last 20 years**
 - Trends suggest further declines are likely (assumed at 52%)²
- Climate change impacts are uncertain
- A Delta conveyance solution is predicted to restore reliability

¹ DWR 2002 Delivery Reliability Report future condition and 2019 Delivery Capability Reports existing condition

² DWR 2019 Delivery Capability Report future condition



Decreasing Trend in SWP Allocations



Water Delivery For:

27 Million People

750,000 Acres of Farmland

SERVING:

BAY AREA

SAN JOAQUIN VALLEY

INLAND EMPIRE

DESERT

SOUTHERN CALIFORNIA

CENTRAL COAST

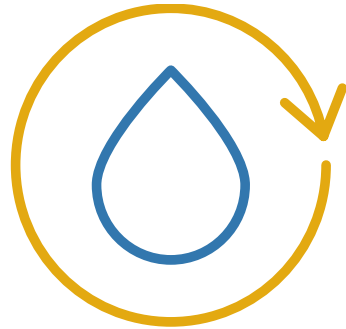


SWP: There When We Need It Most

The SWP provides the original source of water public water agencies need to invest in more local and regional water supply projects.



WATER BANKING



RECYCLED WATER



GROUNDWATER STORAGE
AND RECHARGE



LOCAL SURFACE WATER
STORAGE

Regional Overview

BAY AREA

North Bay Water Supply: 11%
South Bay Water Supply: 33%
3 Million Residents
3,500 Square Miles Served

SAN JOAQUIN VALLEY

Water Supply: 25-33%
1 Million Residents
750,000 Acres of Farmland
9,500 Square Miles Served

INLAND EMPIRE

Water Supply: 28%
1 Million Residents
700 Square Miles Served

CENTRAL COAST

Water Supply: 47%
620,000 Residents
7,000 Square Miles Served

SOUTHERN CALIFORNIA

Water Supply: 30%
19.5 Million Residents
5,200 Square Miles Served

DESERT

High Desert Water Supply: 30%
Low Desert Water Supply: 15%
1.2 Million Residents
8,500 Square Miles Served



Supporting the Antelope Valley for Nearly 50 Years

The SWP fuels the Antelope Valley's booming aerospace and defense industries and helps replenish the groundwater basins that the entire region depends on.

*The SWP Provides:



515,067 People

over



1,654,800 Acres

with



2,461,089 AF

**Figures represent cumulative data for AVEK, Palmdale & Littlerock from DWR Bulletin 132 -17 (2016 data)*

The SWP Supports:



30,000+ Jobs annually in the aerospace industry*

and



\$3 Billion annually in economic activity from Edwards Air Force Base and the China Lake Naval Air Weapons Station**

**Greater Antelope Valley Economic Alliance*

***Edwards Air Force Base Economic Impact Analysis, Fiscal Year '14 and 2019 GAVEA Economic Roundtable Report*

Our Members





State Water Contractors

- DWR holds the water rights for SWC and operates the Project
- 29 public water agencies provide water supply from Plumas County to the Mexican border
- DWR administers the contracts for the public's benefit
- SWP contractors pay the capital and O&M costs of the SWP



What Does SWC Do?



Represent the
interests of the
SWP contractors



Fund Research

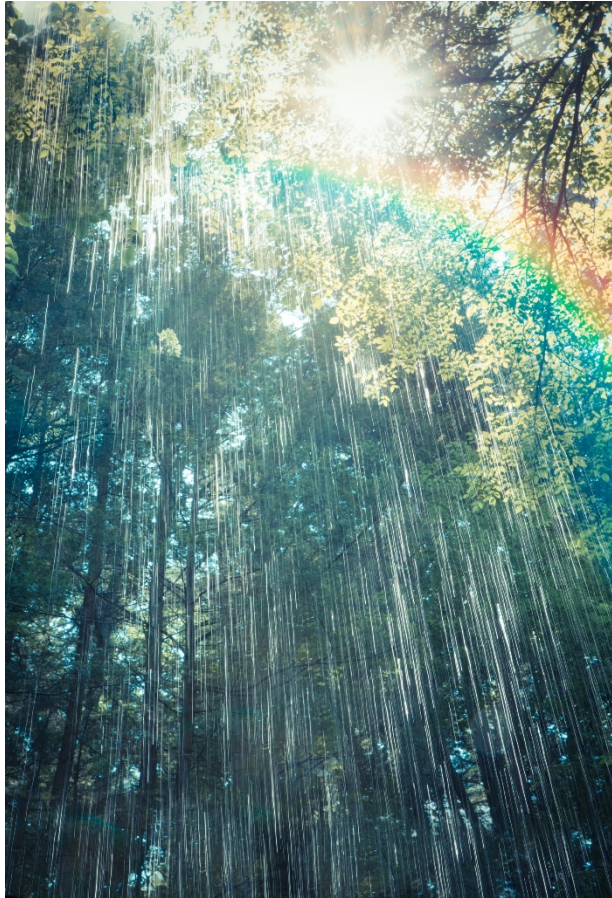


Participate in
partnerships with
other agencies



SWC Priorities

01. Make the Most of the State Water Project
02. Modernize and Repair State Water Project Infrastructure
03. Invest in Science to Support Decision-Making
04. Stabilize Regulatory Environment (Operations and Energy Costs)



01. Making the Most of the State Water Project: Move and store water when it's wet

- **Contract Extension Amendment**
- **Water Management Tools Amendment**
- **Operational Permit Responsiveness**



02. Modernize and Repair State Water Project Infrastructure

- **Aqueduct Subsidence**
- **Delta Conveyance**

03. Invest in science to support decision-making

- **SWC Science Program**
- **A Commitment to Collaborative Science**
- **Improved Transparency**



04. Stabilize Regulatory Environment

- **Settle Litigation**
- **Implement Voluntary Agreement**
- **Develop Roadmap for Energy Transition**



Questions & Answers

