



The State Water Project What's Ahead?

San Geronio Pass Water Agency Board Meeting
June 28, 2021



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

Confucius

Agenda

- 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

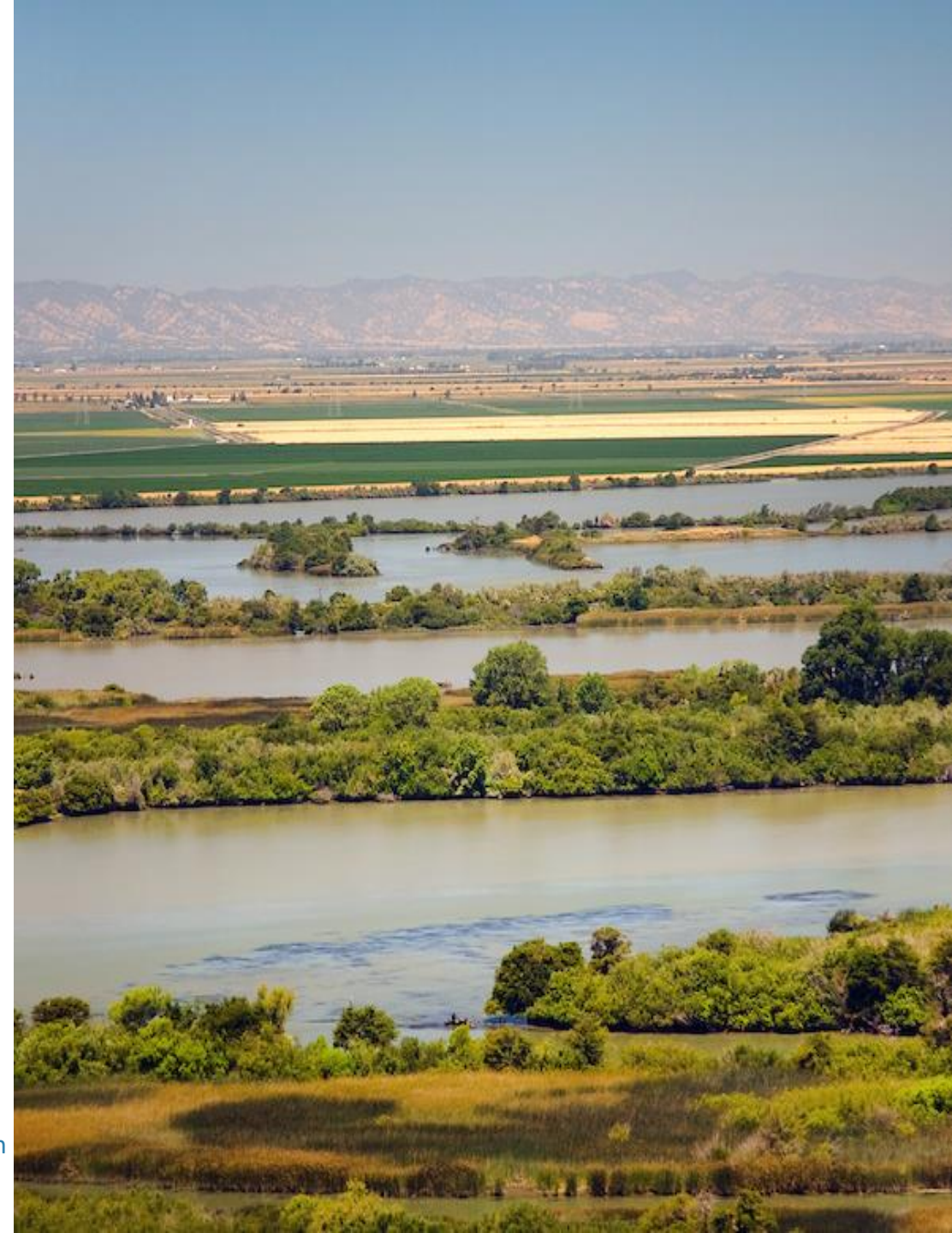


Current Status of Delta Environment

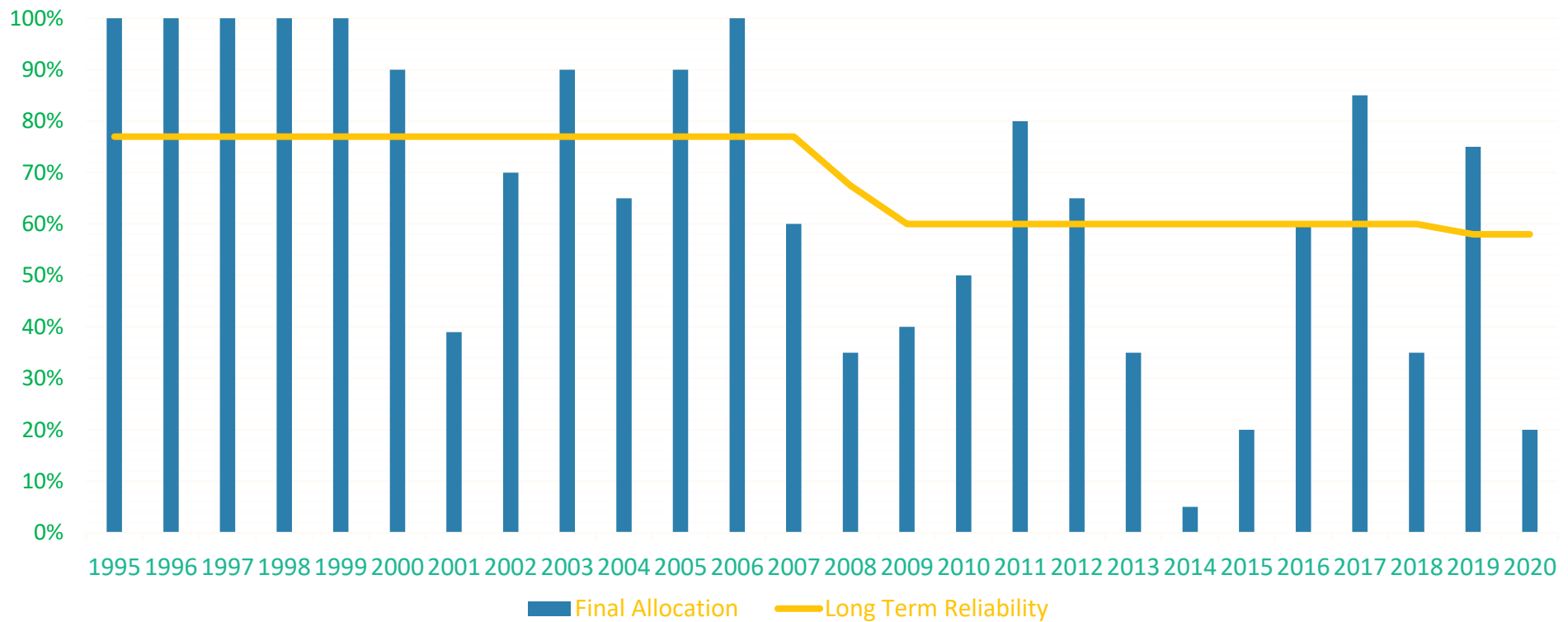
- The regulatory environment in the Delta is always changing
- Long-term SWP reliability¹ has dropped from **76% to 58% over the last 20 years**
 - Trends suggest further declines are likely (assumed at 52%)²
- Climate change impacts are uncertain
- A Delta conveyance solution is predicted to restore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

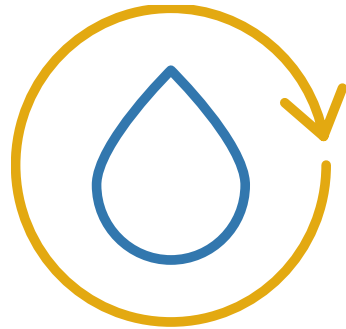


SWP: There When We Need It Most

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

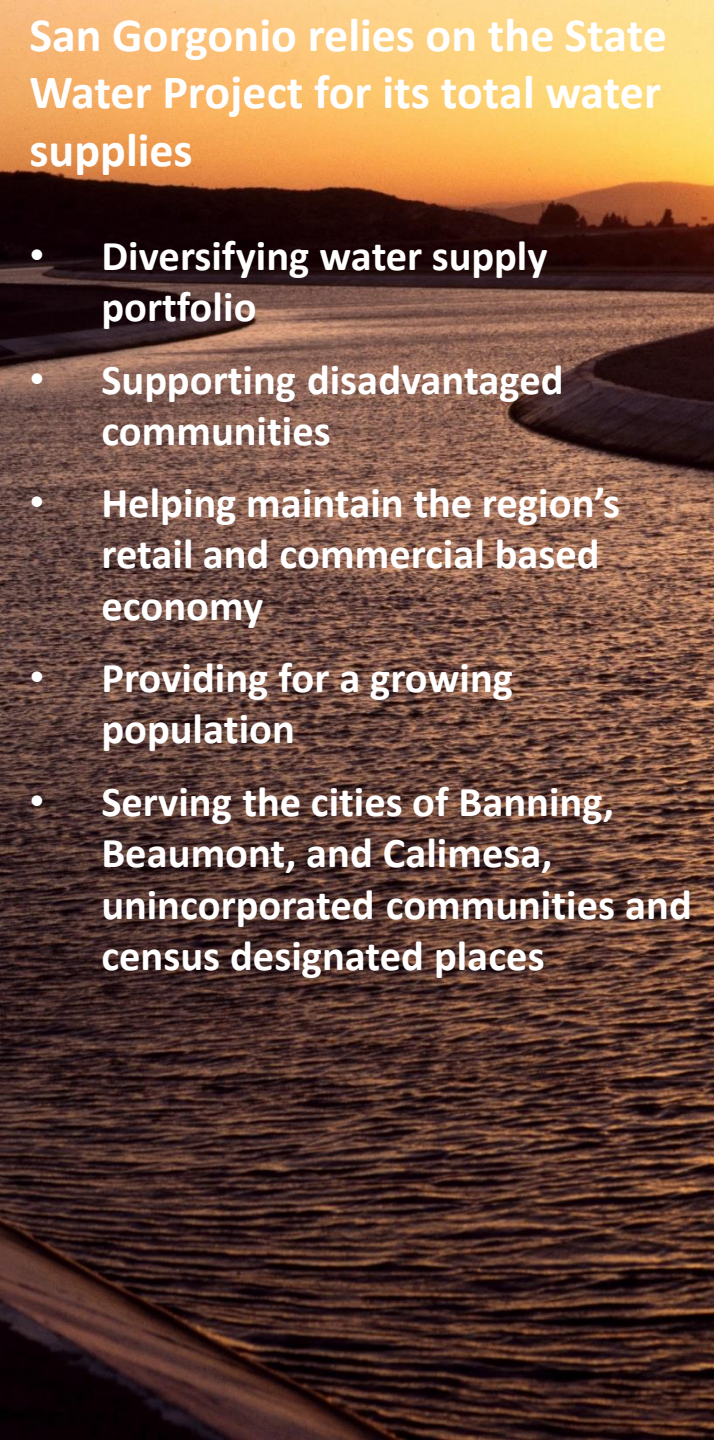
Water Supply: 47%
620,000 Residents
7,000 Square Miles Served

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



San Geronio relies on the State Water Project for its total water supplies

- Diversifying water supply portfolio
- Supporting disadvantaged communities
- Helping maintain the region's retail and commercial based economy
- Providing for a growing population
- Serving the cities of Banning, Beaumont, and Calimesa, unincorporated communities and census designated places

Supporting San Geronio Pass Water Agency Since 2003

The SWP Provides:



100,000 People

and



225 Sq. Miles

with




10,034 AFY*

The SWP Supports:



Water Transfers and Exchanges Between Agencies

and



Recharge of the Local Groundwater Basins

and



10,000 af of storage capacity in Beaumont Basin

*Supplies represent a 58% projected average normal water year supply through 2045 based on the agency's 17,300 afy SWP allotment.

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

State Water Contractors Approach

- Limited Staff (9)
- “Translate” to/from DWR
- Emphasis on Leveraging Staff Efforts through working with DWR
- Eyes, ears, mouth of the SWP contractors
- Work with Staff and DWR Executives





6 State Water Contractor Objectives

1. Business Practices
2. Energy
3. Infrastructure
4. Outreach
5. Science
6. Water Supply



What Does SWC Do?



Represent the
interests of the
SWP contractors



Fund Research

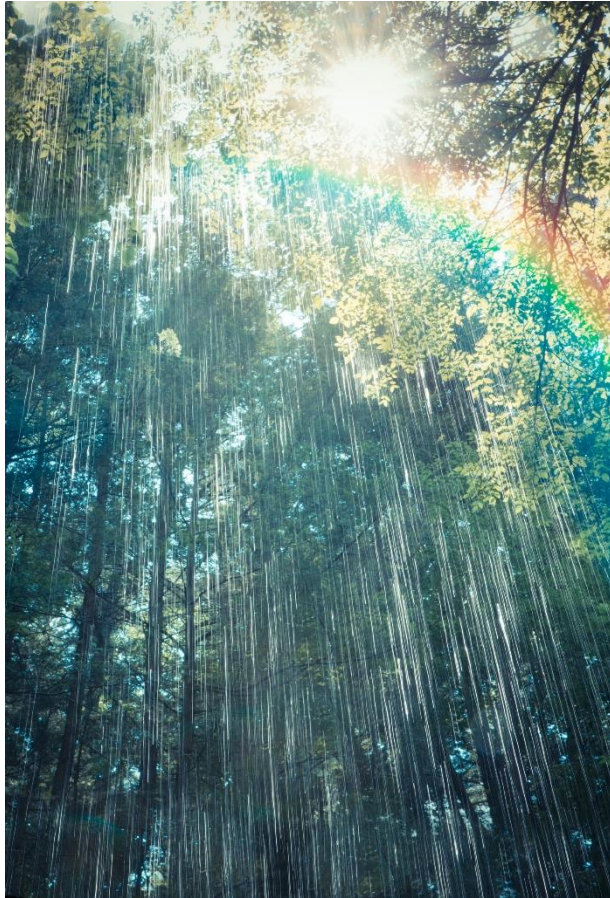


Participate in
partnerships with
other agencies



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**
- **Other Asset Management**

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**



Unimpaired Flow

VS

Voluntary Agreement



Conflict or Collaboration? A Comparison

SWRCB Staff Approach

Comprehensive Approach

New Flows

Imposes drastic reduction in
in public water supplies

Voluntarily provides additional flows within the
Sacramento and San Joaquin River watersheds
and the Delta

Timing

Will likely result in decades of lawsuits,
and no timely action

Promotes 15-year partnership among stakeholders
and immediate implementation

Restoration

None

Dozens of new improvements throughout the Central
Valley and Delta, and protection of terrestrial species

New Science

None

Collaborative governance to incorporate science into
decision-making and adjustments over time to improve
management actions

New Funding

None

At least \$687 million provided by water users for new
flows, habitat, science

Cities, Farms, and Rural Communities

Potentially severe economic and
land use impacts due to lost supplies

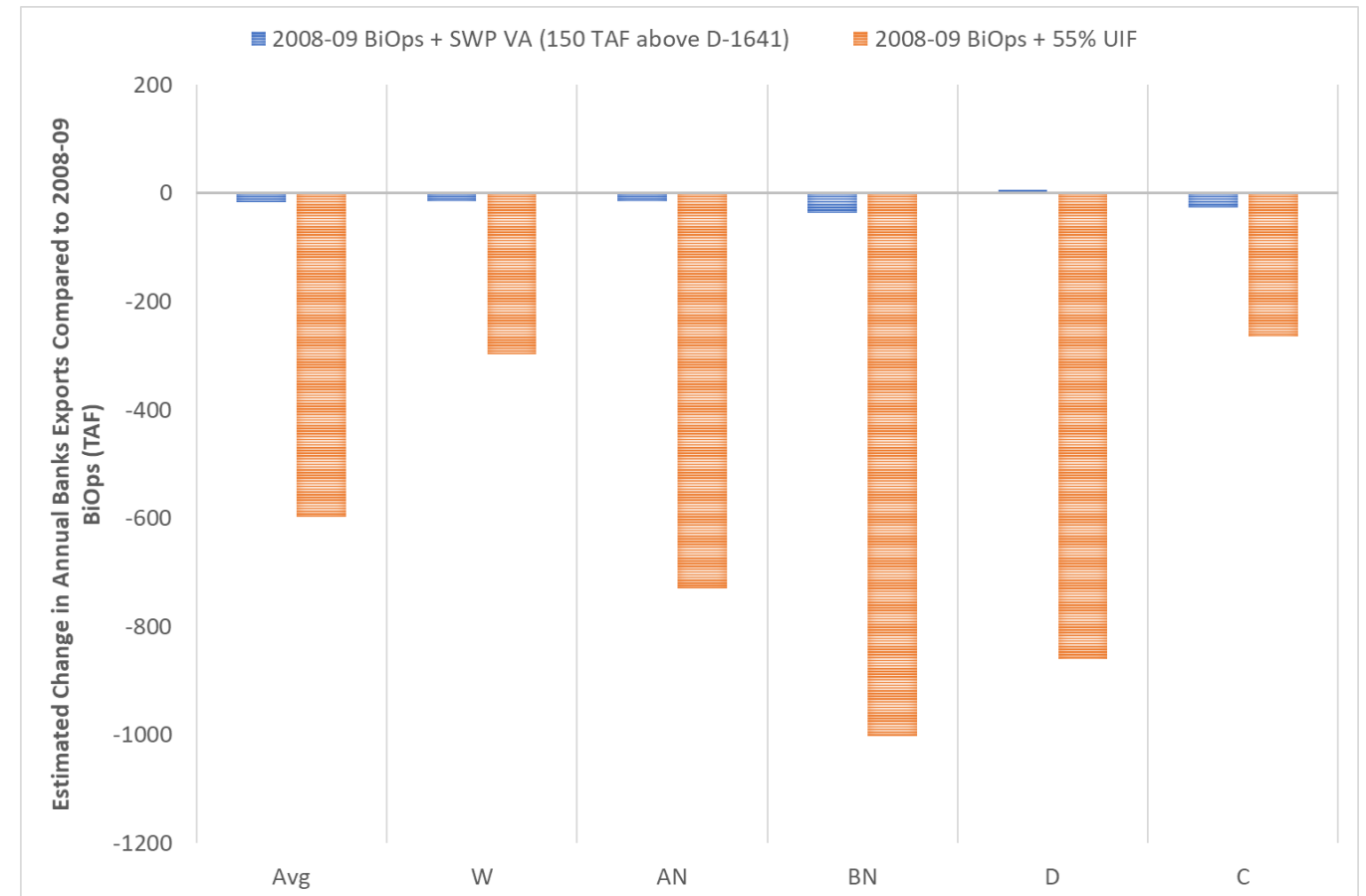
Supply reliability for 75 percent of all Californians, and
appropriate balance for other uses

VA Mechanics

- SWRCB would analyze VA as an alternative in the CEQA (SED)
- If adopted, the VA would become the updated Water Quality Control Plan
- VA provides for implementation so SWRCB would not need to go through a hearing process to implement
- Settlement Agreements with DWR and SWRCB would set the obligations and enforcement mechanism

SWP Water Supply Implications-VA vs Unimpaired Flow

- Estimated changes in Banks PP exports compared to 2008-09 BiOps
- 55% unimpaired flow scenario shows significant reduction in Banks exports relative to VA
- VA modeling reflects initial water user VA proposal



Source: State's VA modeling released in November 2019. VA results based on DWR's models and 55% UIF results based on SWRCB models

Path Forward in 2021...

- **Settle Litigation**
- **Implement Voluntary Agreement, including early actions**



Questions & Answers

