

# Delta Conveyance Project

Modernizing California's Water Infrastructure | 2024



## Fast Facts

### WATER SUPPLY RELIABILITY

The Delta Conveyance Project protects against future water supply losses caused by climate driven weather extremes, sea level rise and earthquakes. It will help the State Water Project (SWP) safely capture, move and store water from big, but infrequent, storm events.



Climate change models indicate that more precipitation will fall as rain in the winter months, and we can expect to see more runoff and river flows in the winter than in past years.



According to the United States Geological Survey there is a **72% chance of a 6.7 or greater magnitude earthquake** occurring in the Bay Area by 2043 that could cause levees in the Delta to fail, crippling the state's ability to deliver clean water.



Significant sea level rise predicted by **2100**.



Sierra snowpack will be reduced by **65%** on average by century's end.

### MISSED OPPORTUNITY

If the Delta Conveyance Project was operational during the high rain events of winter 2021-2022 and January 2023, a significant amount of water could have been moved into the San Luis Reservoir.

#### Winter 2021-2022

Amount of water that could have been captured:

**236,000**  
acre-feet



**228,000**  
acre-feet

That's enough water to supply:

Over **2.5 million**  
people for one year



Over **2.3 million**  
people for one year

or

Nearly **850,000**  
households for one year



Nearly **800,000**  
households for one year

Percent of the total volume of water exported by the SWP per year

**45%** water year 2021

**40%** water year 2022

### MODERNIZED WATER INFRASTRUCTURE

Use of design and engineering innovations have resulted in a project that is responsive to community needs and lessens environmental effects to the extent feasible.



**1 below-ground tunnel**  
for approximately 45 miles

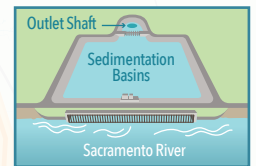
**140-170 feet**  
approximate depth range of tunnel

**Earthquake resilient**  
due to significantly less ground motion than at the surface during a seismic event

**18 inches** thickness of tunnel segments



**2 new intakes**  
in the North Delta with a capacity of 3,000 cubic feet per second (cfs) for a total capacity of 6,000 cfs



**T-shaped fish screens**, with cleaning apparatus below surface 1,500 feet long

**Pumping plant**  
connects the tunnel directly to the existing Bethany Reservoir on the California Aqueduct



Clifton Court Forebay  
Bethany Reservoir  
Bethany Complex  
California Aqueduct



Facilities designed to withstand **200-year flood** flows on top of water level elevations corresponding to **10.2-foot sea level rise**



Project construction will create over **5,000 well-paying jobs** at the peak



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## IMPORTANT WATER SUPPLY

The [State Water Project](#) is an important water supply for California that can't be replaced.



### 27 MILLION PEOPLE

receive clean, safe and affordable water from the SWP, including nearly 7 million disadvantaged community members



### 750,000 ACRES OF FARMLAND

are irrigated with SWP water



Water supplied by the SWP sustains the world's **FIFTH LARGEST ECONOMY**



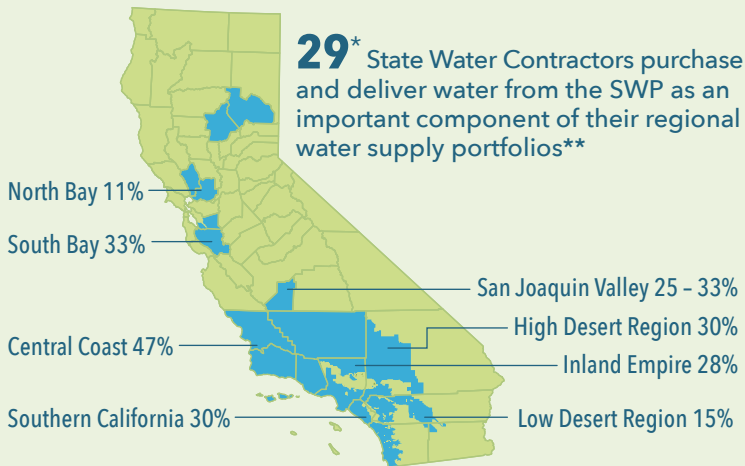
**2/3** of California's water originates in the **SIERRA NEVADA MOUNTAINS**



**50%** of California's water supply flows through the Delta and is delivered to **3 OUT OF 5 CALIFORNIANS**



**\$400** billion in contributions to California's economy by SWP water



\*Of the 29 State Water Contractors, 18 are currently participating in the Delta Conveyance Project  
\*\*Percentages represent regional water supplies dependent on reliable Delta infrastructure

## EXTENSIVE PUBLIC INPUT



### Environmental Review

**142-day** comment period, where **729 letters** and other communications totaling **7,300 individual comments** were received



### Community Benefits Program

Acknowledge and address the reality that project impacts are local to the Delta, but direct project benefits accrue to other parts of the state

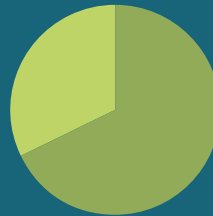


### Community Engagement

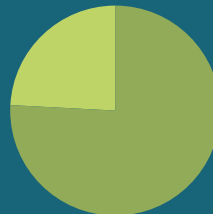
Engaged with Delta communities to hear their ideas and concerns through a **Stakeholder Engagement Committee** comprised of Delta residents, business owners and other stakeholders, and an [Environmental Justice community survey](#)

## SUPPORT FOR MODERNIZING WATER INFRASTRUCTURE

The public is highly concerned about the condition of state and local water infrastructure and a [recent poll](#) shows voters strongly support increased funding for water-related infrastructure and are extremely supportive of building a new tunnel.



**68%** of California voters rate the "condition of state and local water supply infrastructure like reservoirs, dams, canals, sewers and storm drains" as an extremely or very serious problem



**76%** of voters support building a new tunnel underneath the Sacramento-San Joaquin Delta to upgrade California's primary water delivery infrastructure

