# DEPART

## **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 means more rain in the winter and more runoff and river flows than before.



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, the state's largest source of surface water, will be reduced by **65%** on average by century's end.

#### MISSED OPPORTUNITY

If the Delta Conveyance Project was operational over the past four winters, a significant amount of water could have been captured and moved.

	Amount of water that could have been captured:*	That's enough water to supply:	
Water Year <b>2022</b>	<b>110,000</b> acre-feet	Over 1.1 MILLION people for one year  Over  385,000 households for one year	
Water Year <b>2023</b>	186,000 acre-feet	Nearly 2 MILLION people for one year  Over  650,000 households for one year	
Water Year <b>2024</b>	<b>815,000</b> acre-feet	Over <b>8.5</b> MILLION people for one year  Over <b>2.8</b> MILLION households for one year	
Water Year <b>2025</b> (through May 15, 2025)	<b>952,000</b> acre-feet	Nearly 10 MILLION people for one year  Over 3.3 MILLION households for one year	

#### \*Estimates have been updated to reflect the Incidental Take Permit

#### **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

## 100-130 feet

approximate depth range of tunnel

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

#### 2 new intakes

in the North Delta with a total capacity of 6,000 cubic feet per second (cfs)



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



**18 inches** thickness of tunnel segments

Clifton Court Forebay

Bethany Reservoir

Beth

Pumping plant

connects the tunnel directly to the existing Bethany Reservoir on the California Aqueduct

STOCKTON





Facilities designed to withstand 200 year flood event on top of 10.2 feet of sea level rise



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



## **Delta Conveyance Project**

Modernizing California's Water Infrastructure | 2025



#### **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 FOURTH 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



**Important foundation** for local water supply projects, including groundwater recharge, recycling, storage and others



\*Of the 29 State Water Contractors, 18 are currently participating in the Delta Conveyance Project

#### **EXTENSIVE PUBLIC ENGAGEMENT**



#### **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





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** 

#### **Tribal Engagement**



Inclusive and dedicated engagement with Tribal leadership, representatives and communities through formal consultation, informational meetings and workshops, tours and site visits, among other outreach efforts

#### **Environmental Review**

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

#### 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



<sup>\*\*</sup>Percentages represent regional water supplies dependent on reliable Delta infrastructure