

# DELTA CONVEYANCE PROJECT (DCP)



A STATE-OF-THE-ART REAL SOLUTION TO MODERNIZE, REPAIR AND PROTECT CALIFORNIA'S AGING WATER DELIVERY SYSTEM FROM THE NORTH



## STATE WATER PROJECT (SWP)

The State Water Project (SWP), built and operated by the California Department of Water Resources, is a massive water delivery system that provides water to more than **27 million** Californians and **750,000 acres** of farmland. Even with newly developed local supplies and more conservation, imported water will remain a critical water source.



**NEARLY 50% OF ORANGE COUNTY'S TOTAL WATER SUPPLY IS IMPORTED**

## WHAT IS THE PROBLEM?

- 1 WASTED WATER**  
The current system cannot adequately capture and store water when it is available.
- 2 COST OF DOING NOTHING IS TOO GREAT**  
Impacts without the DCP could include species decline, water supply disruption, loss of jobs, and higher food and water prices.
- 3 OUTDATED AND UNRELIABLE SYSTEM**  
50-year old dirt levees in the Delta are all that protect this vital water supply from earthquake damage, salt-water intrusion, rising sea levels, storms and floods.
- 4 ENVIRONMENTAL DECLINE**  
Since the 1800's the Delta has been altered to support farming, transportation, commerce and housing development, which has in effect, harmed native and non-native species that inhabit or pass through the Delta.

## SACRAMENTO-SAN JOAQUIN BAY DELTA



The Sacramento-San Joaquin Bay Delta (Delta) is the focal point for water distribution through the state, serving as the hub through which water passes from north to south. Its complex maze-like waterways, supported by a series of man-made dirt levees, are highly susceptible to damage from flooding and earthquakes.



**THERE IS A 62% CHANCE OF A 6.7 MAGNITUDE EARTHQUAKE HITTING SAN FRANCISCO BAY BY 2032.**



Since the 1800's, each of the Delta islands and tracts have flooded at least once. There have been about 100 levee failures since the early 1890s. The last levee break was repaired at a cost of \$90 million dollars.

## WHY A DELTA CONVEYANCE PROJECT?



### STORM WATER CAPTURE

The DCP is designed to capture storm water which is currently flowing out to the ocean. A modernized system will effectively help refill reservoirs throughout the state.



### A PLAN FOR EMERGENCIES

Most southland water in reserves is imported. The DCP will help ensure that we have the supplies we need in critical times of drought and other emergencies.



### EARTHQUAKES

If dirt levees collapse, water supplies from the north will be destroyed and water deliveries throughout the state will be threatened.



### PROTECTING INVESTMENTS

Ratepayers have already invested hundreds of millions of dollars to build and maintain the SWP system. Modernizing the system will help protect this valuable investment.



### JOB CREATION

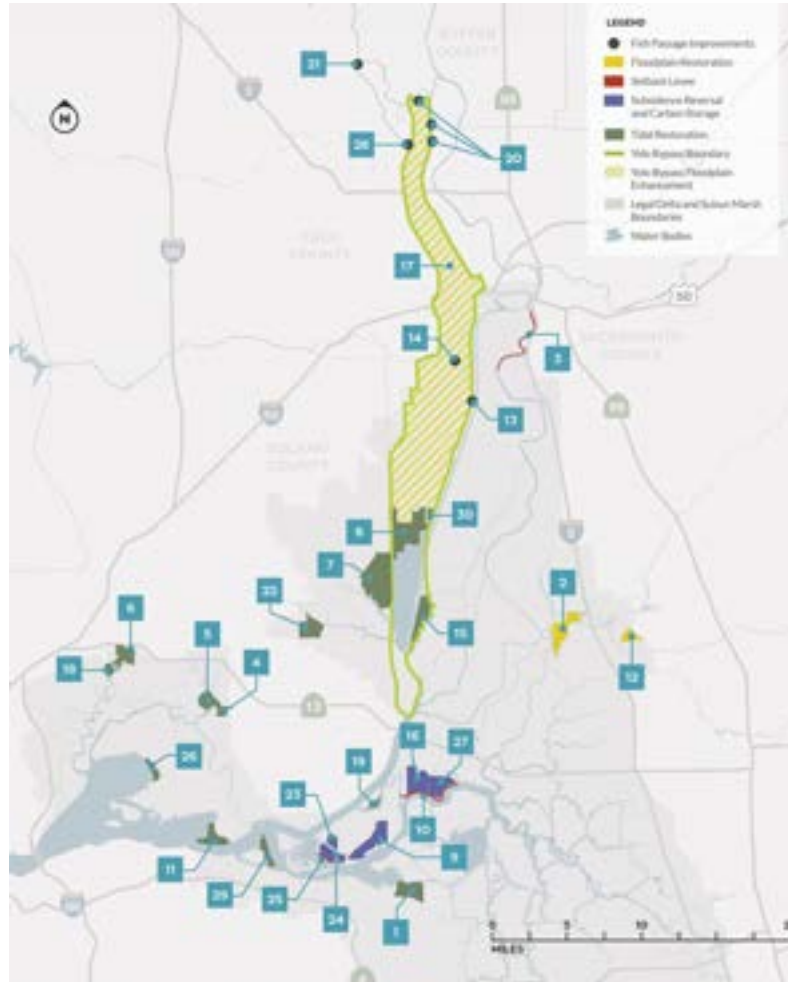
The DCP will create over a hundred thousand *new* construction jobs and will *protect* nearly a million jobs statewide.

## WHAT IS CALIFORNIA ECORESTORE?

Native wetlands have been dredged and diked since the 1800's to support farming, transportation, commerce and housing development. Channelization of Delta waterways, the discharge of pollutants, and the introduction of non-native species have all contributed to the degradation of water quality and native habitat. EcoRestore is a California Natural Resources Agency initiative executed in coordination with state and federal agencies, whose focus is implementing a complete suite of habitat restoration actions to support the long-term health of the Delta, and its native aquatic and wildlife species.



## CALIFORNIA ECORESTORE PROJECT MAP



CURRENTLY UNDER CONSTRUCTION	CONSTRUCTION PLANNED FOR 2021	COMPLETED CONSTRUCTION
1 Dutch Slough	18 Chipps Island	19 Decker Island
2 McCormack Williamson Tract	19 Grizzly Slough	20 Fremont Weir Adult Fish Passage Modification
3 Southport Levee Improvement	13 Libbon Weir	21 Knights Landing Outfall-Gate
	14 Lower Putah Creek Realignment	22 Lindsey Slough
	15 Prospect Island	23 Sherman Island Mayberry Farms
	16 Twitchell Island West End	24 Sherman Island Whale's Mouth
	17 Yolo Bypass Floodplain Restoration	25 Sherman Island Mayberry Slough
	18 Wings Landing	26 Tule Bed
		27 Twitchell Island East End
		28 Wallace Weir Fish Rescue Facility
		29 Winter Island
		30 Yolo-Flyway Farms

- RESTORATION PROJECTS** contribute to the long-term health of the Delta.
- PLANNING** specific actions for the region to help direct restoration efforts.
- ADAPTIVE MANAGEMENT** utilizes a multi-agency approach to guide and monitor habitat management.

## ECORESTORE STATUS

