

CALIFORNIA WATER FIX

A STATE-OF-THE-ART SOLUTION TO 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 25 million Californians and 700,000 acres of farmland.



WHAT IS THE PROBLEM?

OUTDATED AND UNRELIABLE SYSTEM

1 The existing system needs repair in order to withstand the impacts of changing weather patterns and seismic events.

COST OF DOING NOTHING IS TOO GREAT

2 Without the WaterFix, California's environment and economy are at serious risk. Impacts of doing nothing could include species decline, water supply disruption, job loss, and higher food and water prices.

ENVIRONMENTAL DECLINE

3 Aging dirt levees in the Delta are all that protect water supplies from rising sea levels, storms and floods. If levees fail, salt water intrusion would contaminate our fresh water and disrupt water service to 25 million Californians.



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

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 levees, are highly susceptible to damage from flooding and earthquakes.

California is positioned as the agricultural frontrunner for the U.S. – leading all other states in farm income. A fix to our water delivery system would save hundreds of thousands of acres of farmland, preserve nearly 12,000 farm jobs, and secure reasonable food prices.



70% Chance of a 6.7+ magnitude earthquake hitting San Francisco Bay before 2030. An earthquake of this magnitude could completely destroy this valuable water supply. The California Delta is considered the most vulnerable location in the state's water system.

MAJOR THREATS TO THE DELTA



EARTHQUAKES

100-year-old levees are prone to failure in a large earthquake. If levees fail, water deliveries throughout the state will be threatened.



RISING SEA LEVELS

Sea level rise contributes to salt water intrusion and contamination of fresh water, disrupting water supplies for weeks, months, or years.



ENVIRONMENTAL DECLINE

Native fish populations are declining and many species are endangered due to unnatural river flows caused by pumping.

RISKS OF MAJOR DELTA FAILURE



750 SPECIES OF PLANTS AND WILDLIFE

\$2 BILLION LOCAL ECONOMY

3 MILLION ACRES OF FARMLAND

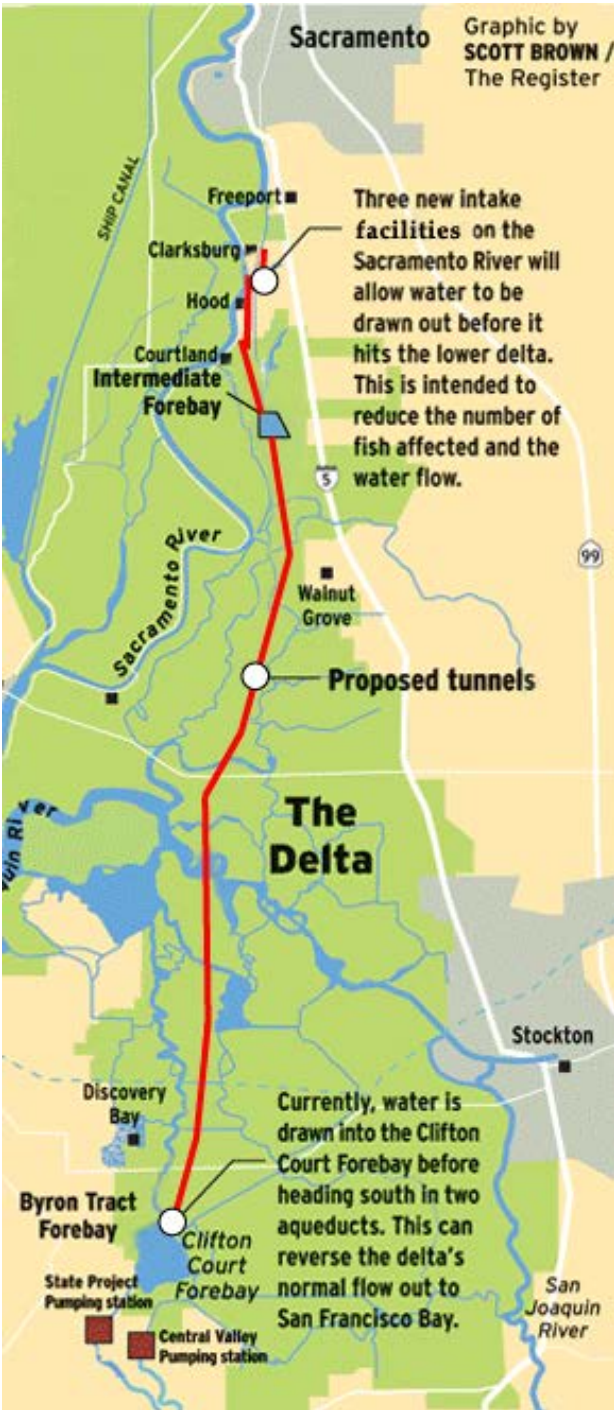


The California Water Fix is a massive construction project that will secure water reliability for generations. The plan is a **state-of-the-art solution** to the many threats facing the Delta, protecting California's water supply and native fish populations.

\$BILLIONS IN ECONOMIC ACTIVITY
\$14.9 BILLION (APPROX. \$5 A MONTH FOR URBAN USERS)
100k+ JOBS CREATED

California produces hundreds of billions of dollars worth of goods and services each year. A reliable water delivery system that can withstand the impacts of changing climate and earthquakes is critical to business growth and job creation. The cost to fix the Delta supply is estimated at **\$14.9 billion – or about \$5 a month** for urban water users and will be paid for by public water agencies that rely on the supplies.

PROPOSED TUNNEL ROUTE AND INTAKE LOCATIONS



THE CALIFORNIA SOLUTION



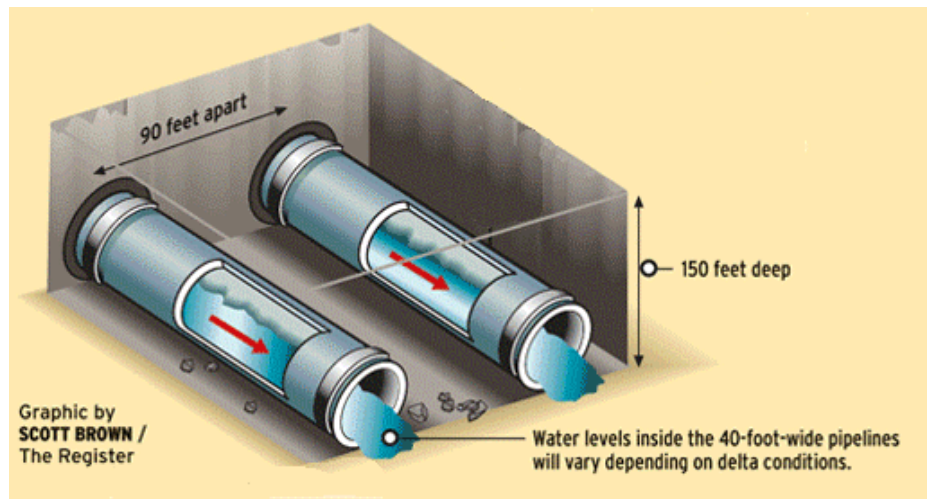
The California Water Fix ensures that the millions of Californians dependent on the Delta will have a protected water supply.

Fixing our water delivery system will improve the natural direction of river flows, help native fish species navigate to and from the ocean during critical migration periods, guard against water delivery disruptions, and ensure that local water projects like recycling and groundwater recharge work better. State of the art construction techniques, fish screens, and tunneling improvements promise minimal impact on Delta species.

Without this solution, the environment will continue to decline, Delta fish species will die off, and a major disaster will spell economic disruption for *all of California*.

TWO 40 FOOT WIDE TUNNELS

150 feet below ground have been designed to protect California water supplies. Water delivered through the pipelines will vary depending on annual northern California weather conditions.



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