



Who We Are



Barbara Barrigan-Parrilla

Executive Director

Barbara@RestoretheDelta.org

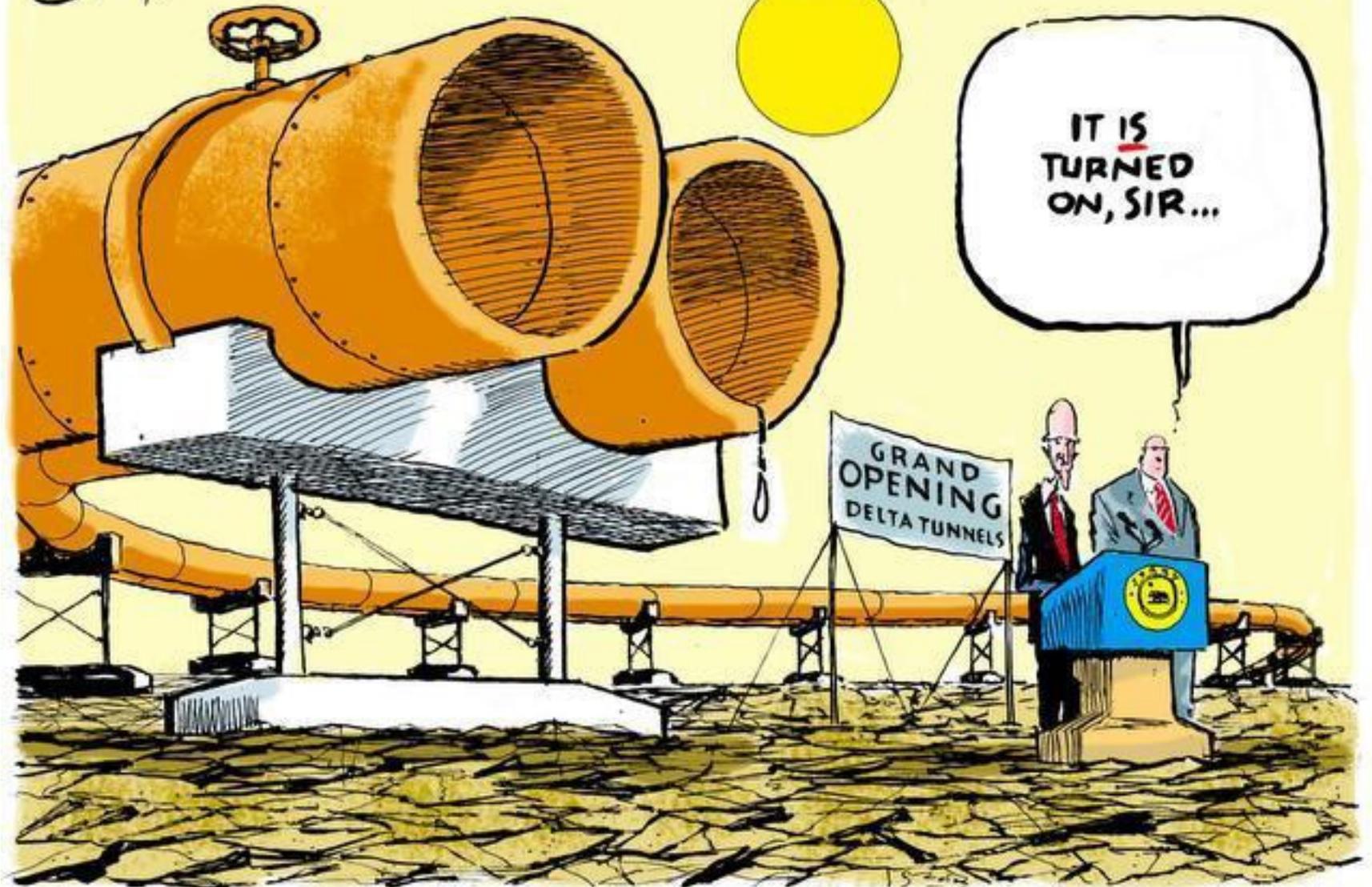
10100 Trinity Parkway, Suite 120

Stockton, CA 95219

(209) 475-9550

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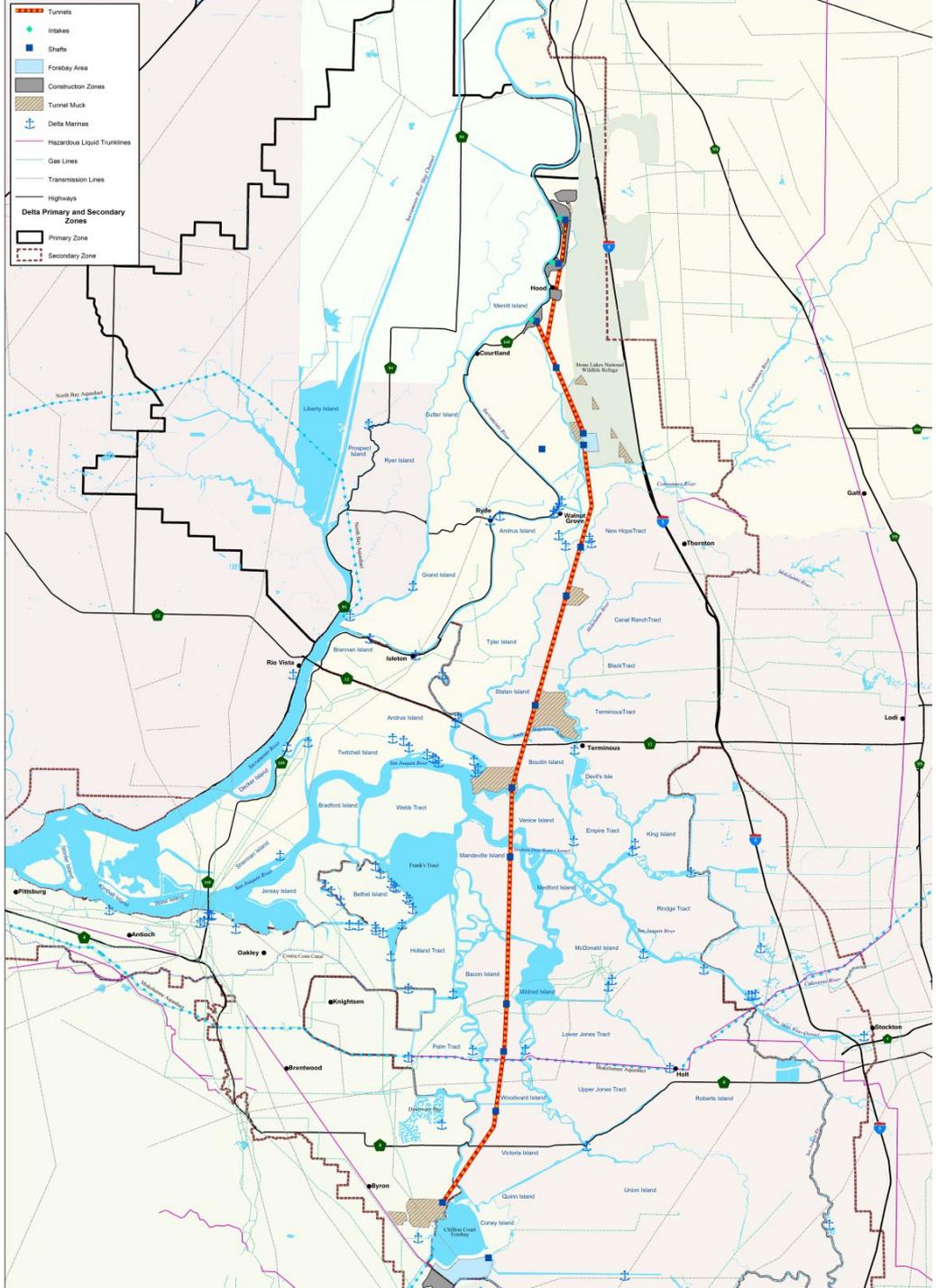
OWMAN THE SACRAMENTO BEE ©2014 1/11



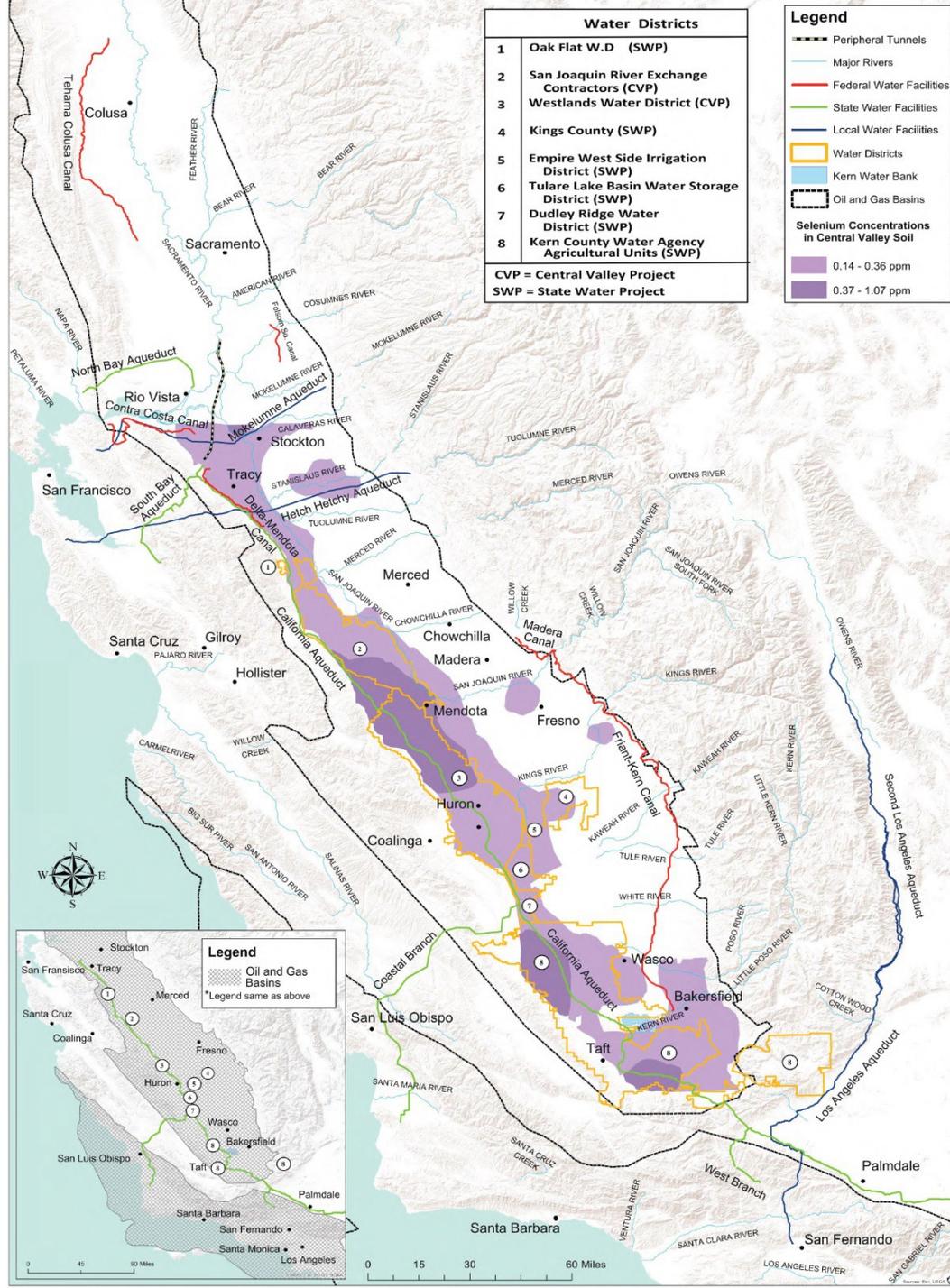
IT IS
TURNED
ON, SIR...

GRAND
OPENING
DELTA TUNNELS





- Tunnel
 - Shafts
 - Forebay Area
 - Construction Zones
 - Tunnel Muck
 - + Delta Mairms
 - Hazardous Liquid Trunklines
 - Gas Lines
 - Transmission Lines
 - Highways
- Delta Primary and Secondary Zones**
- Primary Zone
 - Secondary Zone





The Delta Tunnels (aka CA Water *(no)* Fix) violate standards of environmental, economic and social justice.

Who Makes Up The Delta Environmental Justice Community

- **Farmworkers:** Delta farmworkers have been left out of the conversation regarding impacts to their jobs if the Delta tunnels are built and hundreds of farms are taken out of production.
- **Sustenance Fishers:** Tens of thousands of fishers fish the Delta to supplement their diets.
- Statistics from the Stockton Unified School District, Lincoln Unified School District, and the River Delta Unified School District reveal that 11% to 30% of households are families in which English is not the primary language. Additionally, statistics from the American Community Survey of 2012 for the five Delta counties reveal that 571,188 individuals speak languages other than English and do not “speak English very well.” **These individuals represent roughly 14 % of the 4 million residents who live in the five Delta counties (San Joaquin, Sacramento, Solano, Yolo, Contra Costa)**
- The American Community Survey of 2012 identifies 694,000 persons or **17% of the population of the five Delta counties as living below the poverty level.**



The proposed Delta tunnels project violates the rights, needs and concerns of Delta communities!

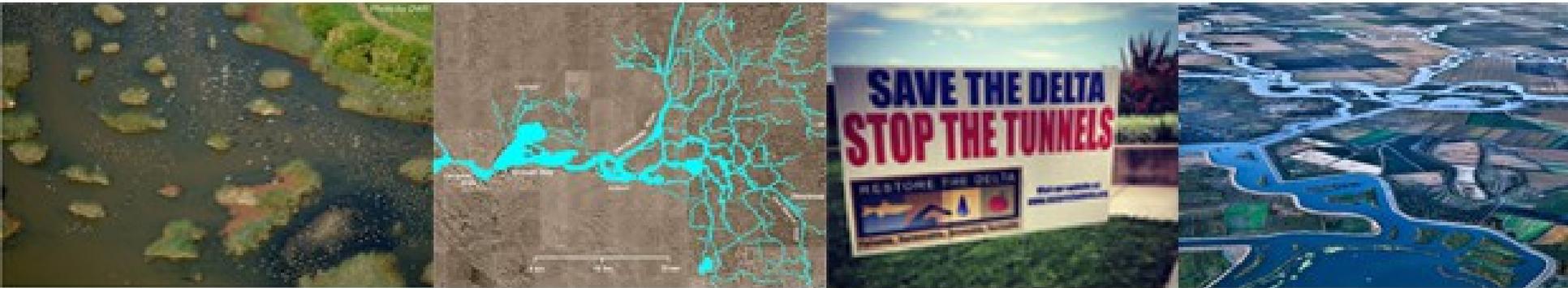
- 1. Translation:** There is no complete cost benefit analysis that evaluates the value of fresh water to the five Delta counties, or the San Francisco Bay area. Delta agriculture and recreation, and coastal salmon fisheries alone are \$7 billion per year annual economies. No discussion of economic mitigation in EIR/EIS.
- 2. Contaminated sustenance fisheries:** The new EIR/EIS shows fish tissue concentrations at several estuary locations would **still be more than 1.5 to 2 times the USEPA's mercury guidance concentration**. Mercury (a legacy of mining) methelates in polluted waters becoming MeHg --a dangerous substance, it bioaccumulates in fish tissue.
- 3. Water quality impacts:** Significant increases in Group A Pesticides, Toxic Algal Blooms, Selenium, and **salinity will ruin water quality for the millions of municipal water users** in the Bay-Delta region and will force costly upgrades of waste water discharge systems. Tunnels modeling in the recirculated EIR shows that lower Sacramento River flows will decrease each month on average between 20 and 24 percent.¹ This will stagnate water in the Estuary compared to both current conditions and a future of climate change without the Tunnels. Lower-flow, more polluted San Joaquin River water will make up greater fractions of the western Delta, Franks Tract, and at Contra Costa Water District's Rock Slough intakes. Meanwhile, the Tunnels will export water of improved quality south of the Estuary, leaving Delta waters the poorer.

What's Wrong With the Delta Tunnels Plan For The Rest Of California?



We're so glad you asked!

Over \$60 Billion Tunnel Cost



- Twin tunnel capital cost: \$15 billion
- Habitat paid for by general obligation bonds
- **Operations, bond interest, and administration bring the project to over \$60 billion in 2012 dollars.**
- Litigation costs, Eminent Domain will be used to seize Delta properties and for habitat restoration. MWD on the path to fill the greater export amounts shown in their planning.
- Dr. Jeff Michael of University of Pacific said at State Senate Oversight Hearing, “Tunnels cannot be built without a taxpayer subsidy.”

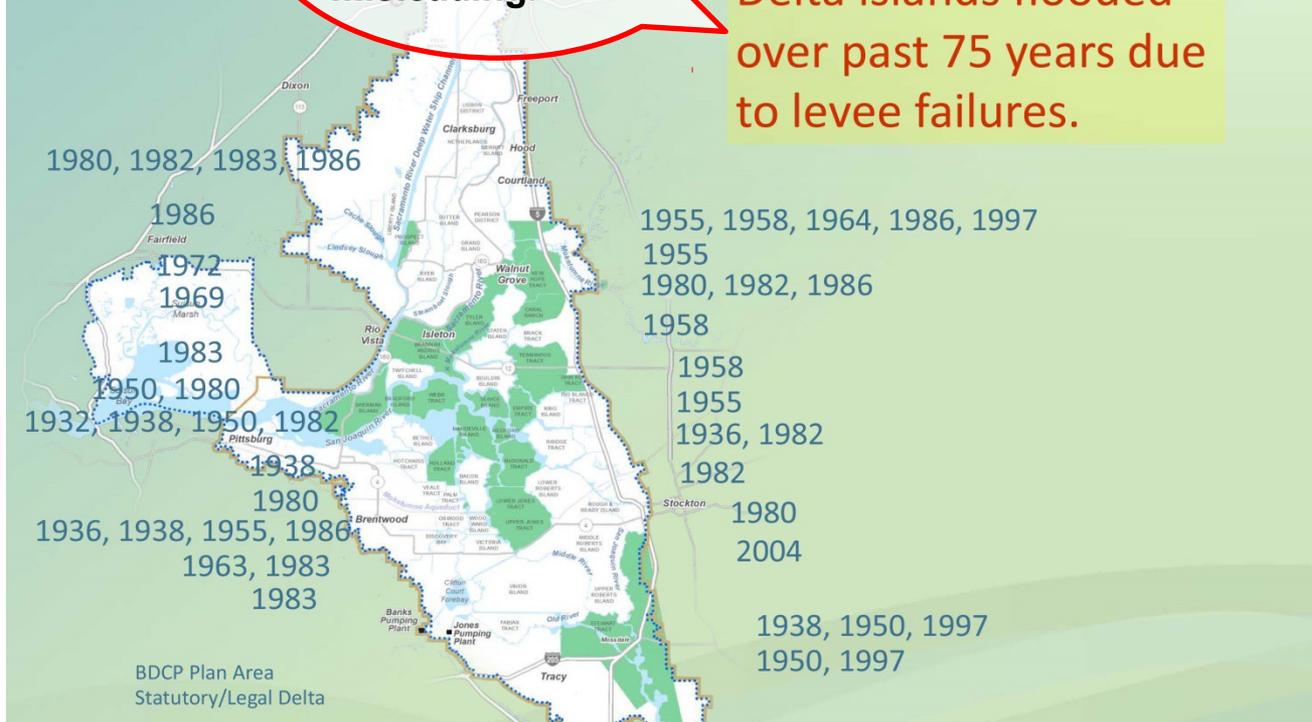
BDCP's Impacts on Californian Urban Ratepayers

- Rate increase of \$200+ per year over 40 years for urban water ratepayers
- Increases of property taxes for SoCal Environmental Justice Communities
- No increase in supply reliability
- Urban users subsidize agricultural districts
- Increased dependence on the Delta

DELTA LEVEES

This slide is correct but badly misleading.

Delta islands flooded over past 75 years due to levee failures.



Since the introduction of the Delta Levee Subventions Program following serious flooding in 1986, flooding of Delta islands has been dramatically reduced.

Flooding in 1997 occurred outside the Delta Primary Zone and considerably south of the export pumps, as well as on the Cosumnes River southeast of Sacramento.

There has been only one major levee breach in the Primary Zone in 25 years -- the Jones Tract event in 2004. Any disruptions to exports in the event of catastrophic flooding in the Delta should be seen in the broader perspective that the Delta region itself would bear 80 percent of the economic losses and 100 percent of the loss of life. The state's flood response plans are designed with that in mind.

Delta Challenges

California's greatest earthquake threats lie outside the Delta:

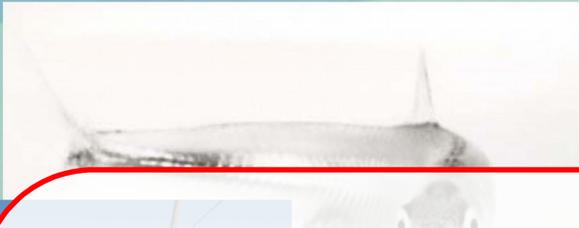
- on Bay Area faults;
- in Southern California (where the Metropolitan Water District build Diamond Valley Reservoir largely as a backup system in case of earthquakes);
- and along the west side of the San Joaquin Valley, where blind thrust faults underlie much of the California Aqueduct.

No Delta levee has ever collapsed in an earthquake, even those on the nearest faults like the Hayward Fault 30 miles from the Delta's western edge, and recent earthquake testing of Delta soils by UCLA suggests that they are unlikely to do so. Levees move in an earthquake but do not collapse.

- Subsidence
- Earthquakes ?
- Climate Change
- Declining Species
- Regulatory Uncertainty

“64% chance of catastrophic failure due to earthquake or storm in the next 50 years.”

Delta Challenges



A feature of climate change not addressed by BDCP is the fact that many climate projections predict increased temperatures in the arid parts of the state that now rely most heavily on water from the Delta.



Irrigated agriculture will become increasingly impractical in these areas, and Delta agriculture will become correspondingly more important. In addition, snow pack will decrease, with coastal rains increasing.

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Almond production has doubled in Westlands Water District and Kern County Water Agency since 2000. There are 415,000 acres of permanent crops in Kern County alone.

We Have A Better Solution

- Reduce exports to 3-3.5 MAF maximum (MWD avg. 770,000 AF /year)
- Activate a more aggressive statewide regional self-sufficiency plan
- Support regional projects to conserve, recycle, reuse, and capture water
- Fits with 2009 law of co-equal goals for reliability and protecting the Delta Retiree drainage impaired lands on the west side of the SJ Valley
- Fix fish screens/pumps at Tracy (known technology)
- Upgrade levees to highest standards

