TJV 08/22/13

[Sacramento Corps District]

CWA 404 permitting · project purpose

RHA 408 permitting to modify federal levees

404 mou referrals to Dept. of the Army

Central Valley Flood Management Planning

Statewide Flood Management Planning

[Department of Water Resources]

Bay Delta Conservation Plan (BDCP)
(Twin Tunnels)

[CA Natural Resources Agency]

[State and Federal Contractors Water Agency]
(SFCWA)

- Westlands (selenium laden land)
- MWD
- San Luis - Delta mendota

OCAP Biological Opinions & Remand

Chinook salmon Delta smelt C.V. Steelhead
green sturgeon ... P.O.D.

ESA jeopardy opinions RPAs

[U.S. Department of the Interior]

[U.S. Bureau of Reclamation (USBR)]

BDCP

San Joaquin River Restoration Settlement

[U.S. Fish & Wildlife Service]

"resident" fishes

Proposed Superfund listing Cache Creek

[U.S. Department of Commerce]

[NMFS · NOAA Fisheries Service]

migratory fishes

BENEFICIAL USES

San Joaquin River Tributaries Settlement

[CA Dept. Fish & Wildlife]

2010 Flows Report CDFG

2010 Flows Report SWRCB

[SWRCB] Bi-monthly EPA, State meetings

Bay Delta Water Quality Control Plan
(WQCP)

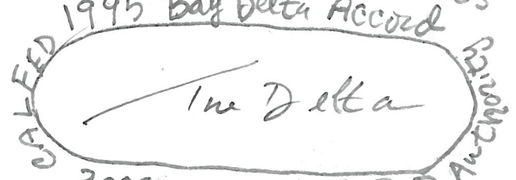
Phase 1 South Delta & SJR (SED)

Phase 2 The Delta proper

Hearings & workshops galore

1994 federal promulgation
"X2" Salinity Standards

1995 Bay Delta Accord



2006 WQCP update B.D.

2010 SWRCB strategic plan

[EPA Region 9, OW, OGC, OMB]

What is a WQS? Four Point Test

101 & 303 WQS, impairments, TMDLs

320 NEP S.F Estuary Partnership

NEPA 404 401 wetlands permitting & WQ Cert
LEDPA & project purpose

CA Toxics Rule (CTR) · Our Children's Earth

319 Non Point Source Pollution

S.F. Water Quality Improvement Fund

ORD · RARE grant on MeHg & wetlands restoration

Bay Delta Action Plan

- WQCP low salinity zone (X2)
- TMDLs MeHg, Selenium, pesticides
- Sac. Regional Treatment Plant (NH4)

[Delta Conservancy]

[Delta Protection Commission]

Habitat Conservation Plans

- San Joaquin County (done)
- Contra Costa County (done)
- So. Sacramento County (pending)
- Yolo County (pending)

Delta Vision

Delta Reform Act of 2009

[Delta Stewardship Council]

Delta Plan

Delta Science Program

Independent Science Board

CEQ, The White House, Gov. Brown

(NEPA referrals to CEQ)

Regional monitoring programs

- SF Bay RMP (established)
- Delta RMP (fledgling)
- SJR basin RMP (stalled)

Science & Policy

- Interagency Ecological Prog.
- San Francisco Estuary Institute
- Aquatic Science Center
- Center for Aquatic Biology & Aquaculture
- Public Policy Institute of CA.
- National Academy of Sciences