



Update on Delta Operations Issues

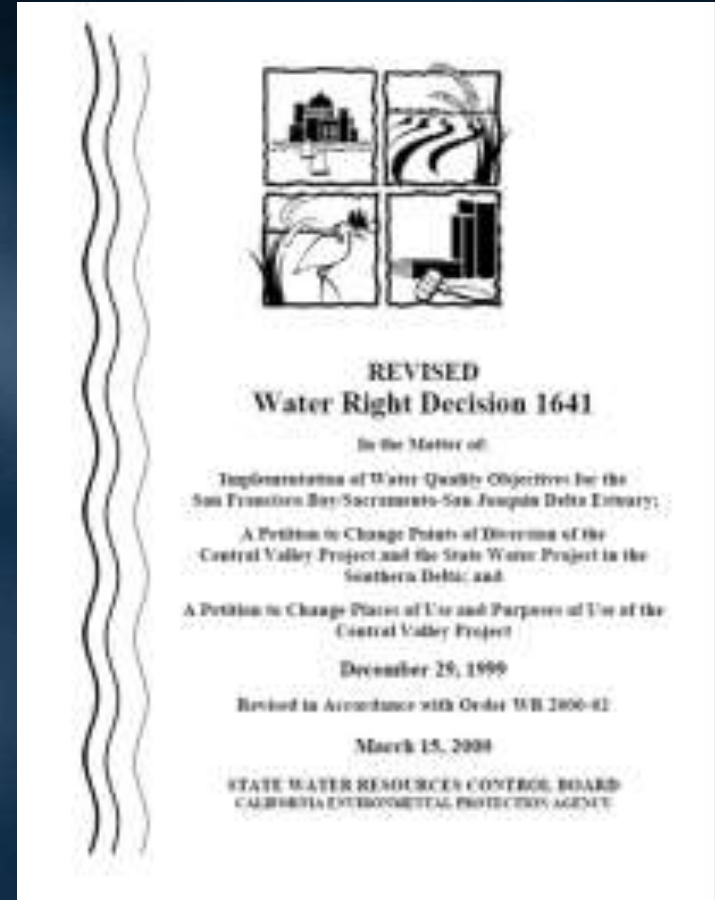
Special Committee on Bay-Delta

Item 3c

June 28, 2016

Current Delta Operations

- May: controlled by NMFS biological opinion
- June: controlled by State Board Decision 1641 fishery standard
 - Spring X2 position
 - 7,100 cfs Delta outflow
- July: likely controlled by fishery (outflow) & ag (salinity) beneficial uses



USFWS Delta Outflow Proposal

- Additional summer outflow
 - **Unknown science**
- Additional outflow in August-September 2016 (up to 115,000 acre-ft)
- Additional outflow in July-September in 2017 and 2018
- Additional water supplied in 2016 through water purchases by Reclamation



Subject to change

Confluence: Potential X2 Locations



Chipps Island (74 km)
~11,400 cfs

Collinsville (81 km)
~7,100 cfs

NMFS Shasta Storage Proposal

- Preserve cold water pool for winter run salmon
- Limit summer Shasta releases



Implications for SWP Operations

- Summer outflow proposal
 - No impact to 2016 allocation
 - Issues related to future USFWS re-consultation
- Shasta storage proposal
 - Potential for Oroville releases, resulting in greater Reclamation Coordinated Operations Agreement (COA) debt
- Inherent fishery conflict/tradeoffs between proposals

