

Brownell, James@Waterboards

From: Joseph_Rizzi <Joseph_Rizzi@sbcglobal.net>
Sent: Saturday, April 08, 2017 11:25 AM
To: Brownell, James@Waterboards
Subject: Fix Salinity instead of trying to regulate it?
Attachments: Fish Death Trap 2.doc

Importance: High

Water Quality Control Plan for the Sacramento River and San Joaquin River Basins to Adopt Salinity Water Quality Objectives for the Lower San Joaquin River

- **Delta and Environment** – Replacing Clifton Court Forebay 1.5 mile levee with fish screen to end killing of all aquatic life (including endangered species).
- **Delta Flows** – Fill CCF only at night when fish are sleeping, which makes daytime all natural flows. Pumps can operate 24/7 with CCF holding 1 – 3 day supply.
- **Salt** – keep a section free of obstruction, but add shipping lock and tidally controlled louvers to reduce salt water intrusion into Delta.

These 3 are addressed in the attached quick overview of the recommendations; which will:

- Make the Delta a more fresh water region that will support more life.
- 2/3 of each day will have normal flows in the Delta area.
- With Salinity (lock and tidal louvers) studies at Benicia you will know how much the salinity can be controlled.
- No blockage of Delta or straits allowed! Environment and Fish need to have access to freely come and go from Delta.
- Zero fish killed in exporting water from Delta. That should be a goal or requirement. 1.5 mile fish screen will keep fish safely in Delta.
- Reduce costs of operation of Fish capture and relocation, because these would not be needed if water is obtained from screened CCF.
- Export more water – with 0 fish deaths.

Please see attached for co-equal solutions!!

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