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Sent: Wednesday, May 29, 2019 3:30 PM
To: Alston, Naseem
Cc: Cathy Marcinkevage - NOAA Federal
Subject: ROC LTO: EB

New text from w-r I&S for your consideration in pasting/incorporating into the EB below. Might be easier to pull from the file itself so you can see how it fits. OR I can put it into EB if you're ok with it. Let me know.

The PPIC are not alone in recognizing the plight of native fish caused in large part by changes in Delta flows resulting from upstream diversions and operations of the CVP/SWP. The SWRCB also characterized the Delta as being in ecological crisis largely due to diminished flow caused by water management (SWRCB 2010). In development of flow criteria for the Sacramento-San Joaquin Delta ecosystem, the SWRCB concluded that “Recent Delta flows are insufficient to support native Delta fishes for today’s habitats”, and recommended flow criteria of 75 percent of unimpaired Delta outflow from January through June; 75% of unimpaired Sacramento River inflow from November through June; and 60% of unimpaired San Joaquin River inflow from February through June (SWRCB 2010^[BE1]). CDFW made a similar statement to that of the SWRCB’s on current Delta flows in their report on Delta biological objectives and flow criteria: “Recent Delta flows are insufficient to support native Delta fishes in habitats that now exist in the Delta” (CDFW 2010).

The SWRCB’s *Scientific Basis Report in Support of New and Modified Requirements for Inflows from the Sacramento River and its Tributaries and Eastside Tributaries to the Delta, Delta Outflows, Cold Water Habitat, and Interior Delta Flows* also provides compelling evidence that water exports exceed levels that support healthy aquatic systems. Upstream water diversions combined with water exports in the Delta have reduced January to June outflows by an estimated 56 percent (average), and annual outflow by an estimated 52 percent (average). In the driest condition, in certain months outflows are reduced by more than 80 percent, January to June flows are reduced by more than 70 percent and annual flows are reduced by more than 65 percent (State Water Resources Control Board and California Environmental Protection Agency 2017).

^[BE1]**State Water Resources Control Board
California Environmental Protection Agency
Development of Flow Criteria for the Sacramento-San Joaquin Delta
Ecosystem**

Prepared Pursuant to the Sacramento-San Joaquin Delta Reform Act of 2009

<http://deltacouncil.ca.gov/docs/additional-reports-reference-materials/development-flow-criteria-sacramento-san-joaquin-delta>

pdf sent to Norma on 5/27/2019

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