

## Howard Brown - NOAA Federal

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**From:** Howard Brown - NOAA Federal  
**Sent:** Tuesday, May 21, 2019 3:59 PM  
**To:** Barry Thom  
**Cc:** Maria Rea  
**Subject:** ROC Tuesday Delta Tiger Team Update

Barry,

We had, what I thought was, a very productive meeting to work on Reclamation's comments and edits on the draft Delta Effects Analysis. We started off rather rough, with Reclamation pretty much demanding a line-by-line live edit session, and I believe Russ immediately elevated to Ernest and Paul our resistance to their suggested approach. After some soft posturing and talking through things, we all agreed to live edit characterizations of the Proposed Action, and once that started we made good cooperative progress together. Both Maria and I agreed that they gave a lot and avoided posturing. We ended up extending the working session from 1 to 3pm. We worked through the following areas:

1. Summer/Fall Delta Smelt Habitat Action - Clarified how exports reductions and storage releases would be used to implement the action and got a commitment the Reclamation will implement in a manner that would minimize upstream effects in a manner consistent with flow and temperature plans.
2. Delta Cross Channel Operations - Reclamation offered significant changes including use of fish monitoring groups to for making operational recommendations and a commitment to coordination with NMFS before any opening and reduce pumping during any opening. Also committed to develop drought management toolkit.
3. Water Transfers - Identified 2 specific types of transfers that would receive site specific take coverage (coverage in the BiOp). Also had a robust conversation about approaches to address effects that all parties seemed comfortable with.
4. OMR - Clarified language regarding assumptions necessary for effects of analyzing OMR management. Also removed language about risk assessments and clarified other parts of the effects analysis related to recent updates to the PA
5. HORB - We removed from the "deconstruction of the action" that Reclamation did not like and agreed to discuss routing effects on their own merits rather than compare to a HORB-in scenario.
6. Salvage Density Modeling - We Included update/corrected numbers, agreed to include explicit limitations of the model, agreed to discuss how model results are discussed in a population context in the integration and synthesis section.
7. Discussed use of Newman equation in the LCM and agreed to include caveats regarding the approach we used.
8. General discussion about the conceptual model and agreed to make changes to avoid redundant statements that Reclamation thought we were directly attributing to targeting their proposed action.

We are meeting on Shasta tomorrow.

Hope that helps for your 5pm Director call today.

Howard

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