From: Howard Brown - NOAA Federal <howard.brown@noaa.gov>

Sent: Thursday, December 6, 2018 10:48 AM

To: Evan Sawyer - NOAA Affiliate

Cc: Garwin Yip; Barbara Byrne; Cathy Marcinkevage; Sarah Gallagher - NOAA Federal

Subject: Re: ROC on LTO Shasta next steps?

Yes, that should be fine. Also Cathy has the following information request from Katrina; I think it would be good to give them a hard copy of this request tomorrow. You might check with Cathy to see if she has more to add to this.

Howard

To facilitate NMFS' understanding of the ROC proposed action and to better prepare us for for meeting the consultation timelines, we request the following:

- 1. A list of analytical tools, methods, and models that are planned for use in the BA effects analysis. We'd also like to know now specifically whether the BA analysis will include use of the CV Temp (i.e., RAFT) temperature model and the temperature-dependent egg mortality model (i.e., the Martin model).
- 2. Tables identifying the operational criteria and project parameters. We recommend modeling these tables after Tables 3.3-1 and 3.3-2 of the California WaterFix BA. NMFS found these tables to be very useful because they indicate how the model is coded to characterize the desired conditions, which is critical to understanding the proposed operations and effects on the species as analyzed in the BA. Additionally, we are familiar with their format.

On Thu, Dec 6, 2018 at 10:04 AM Evan Sawyer - NOAA Federal <<u>evan.sawyer@noaa.gov</u>> wrote: OK, thanks Howard.

I can get the white paper over to Reclamation but I'm teleworking today. Is tomorrow OK? I have other things to print and deliver.

Evan

On Thu, Dec 6, 2018 at 9:51 AM Howard Brown - NOAA Federal < howard.brown@noaa.gov > wrote: I think the main thing is that we committed to providing Reclamation with more details on the benefits of the fish passage program so we should deliver them hard copies of the attached white paper prepared for NOAA Policy. The only other do out that I recall is that Reclamation will convene a technical meeting to discuss reintroductions and maybe more specifically to discuss incorporating reintroduction in the WR life-cycle model. Could you take the lead on getting hard copies of this white paper over to Reclamation? Howard

On Thu, Dec 6, 2018 at 9:38 AM Evan Sawyer - NOAA Federal < evan.sawyer@noaa.gov> wrote: Hey Howard,

Are there next steps on the Shasta division? I missed the very end of the meeting Tuesday and just wanted to know if there were any tasks/assignments for me (or that I could help with).

Let me know, thanks Evan

--

Evan Bing Sawyer,

Natural Resource Management Specialist NOAA Fisheries West Coast Region U.S. Department of Commerce Office: (916) 930-3656

Evan.Sawyer@noaa.gov www.westcoast.fisheries.noaa.gov



--

Howard L. Brown

Senior Policy Advisor NOAA Fisheries, West Coast Region U.S. Department of Commerce (916) 930-3608

Howard.Brown@noaa.gov



www.westcoast.fisheries.noaa.gov

--

Evan Bing Sawyer,

Natural Resource Management Specialist NOAA Fisheries West Coast Region U.S. Department of Commerce Office: (916) 930-3656

Evan.Sawyer@noaa.gov

www.westcoast.fisheries.noaa.gov



--

Howard L. Brown

Senior Policy Advisor NOAA Fisheries, West Coast Region U.S. Department of Commerce (916) 930-3608

Howard.Brown@noaa.gov

