From: Penny Ruvelas - NOAA Federal <penny.ruvelas@noaa.gov>

Sent: Wednesday, May 29, 2019 3:55 PM

To: Garwin Yip - NOAA Federal

Cc: Dan Lawson

Subject: Re: SRKW I&S section for QA/QC review

Garwin-

This is generally unchanged from the previous version (and my comments are still in margin). Of those, the ones that may still be relevant is the one about understanding the sentence about other operation scenarios and the one about the potential benefits of the restoration activities. I highlighted those restoration discussions based on where I see things going with the new ESA regs and the current case law and agency position. Without seeing the whole opinion, I don't really know if there is a problem and I would hope GC would see if there was a potential problem or conflict. I think if we are generally treating the beneficial actions as certain to occur (because they proposed to do them) but being careful about what effects we think are reasonably certain to occur as a result of those actions, we are okay.

One other edit is that Dan doesn't use the term "appreciable" in his final conclusion paragraph. I'm not sure how you are doing that/using the word in the salmon sections so I don't suggest an edit at this time - but it is an important word as it to part of the definition of jeopardy.

Thanks, Penny

On Tue, May 28, 2019 at 10:28 AM Garwin Yip - NOAA Federal < garwin.yip@noaa.gov > wrote: By COB tomorrow would be great. 4 pages of text. Piece of cake!

-Garwin-

Garwin Yip

Water Operations and Delta Consultations Branch Chief NOAA Fisheries West Coast Region U.S. Department of Commerce California Central Valley Office 650 Capitol Mall, Suite 5-100 Sacramento, CA 95814

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On Tue, May 28, 2019 at 10:24 AM Penny Ruvelas - NOAA Federal <<u>penny.ruvelas@noaa.gov</u>> wrote: is there a due date for comments?

On Mon, May 27, 2019 at 10:20 PM Garwin Yip - NOAA Federal < garwin.yip@noaa.gov > wrote: All,

I owe you the SRKW I&S section for review. Here it is, attached.

-Garwin-

Garwin Yip

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On Fri, May 10, 2019 at 6:35 PM Rosalie del Rosario - NOAA Federal <<u>rosalie.delrosario@noaa.gov</u>> wrote:

Hi Garwin and Team,

I offer comments on the SRKW effects section (attached). Assuming my comments are addressed, I'm clearing the section for peer review. By the way, in case it's not already on your list, the BiOp will need a SRKW Integration & Synthesis section...

Thanks and please let me know if you have any questions. Rosalie

On Thu, May 9, 2019 at 11:17 PM Garwin Yip - NOAA Federal < garwin.yip@noaa.gov > wrote: Rosalie, Chris x 2,

As we continue with the first QA/QC review of the ROC on LTO draft BiOp, attached is the Southern Resident killer whale effects analysis, and its supporting Chinook salmon analysis that will be included as an appendix.

Please provide comments in track changes by COB May 14, 2019, if possible. Please save the file with your initials at the end, and indicate whether you are clearing the section upon incorporation of your

comments, or if you would like to see a revised version first.

Thanks.

-Garwin-

Garwin Yip

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