From: Brian Ellrott - NOAA Federal <bri>deral <bri>deral <brian.ellrott@noaa.gov>

**Sent:** Friday, June 14, 2019 8:40 PM

**To:** Cathy Marcinkevage - NOAA Federal

Cc:Evan Sawyer - NOAA AffiliateSubject:Re: Shasta Section UpdatesAttachments:WR\_Additions\_Shasta bje.docx

Can one of you take a look at the attached and confirm or revise as needed?

On Fri, Jun 14, 2019 at 1:17 PM Cathy Marcinkevage - NOAA Federal < <a href="mailto:cathy.marcinkevage@noaa.gov">cathy.marcinkevage@noaa.gov</a> wrote:

Hi Both --

My bolded comments below still stand. The rice decomp changes to the tables is already in the V9 MASTER I&S so that is fine.

There are additional rows to be added to the I&S, and they are in this document. This could use a look-see from either/both of you because my head has not really been in the mindset of these tables.

S:\Draft BiOp\2\_ESA\2.8-2.9 Integration and Synthesis and Conclusion\WR\_Additions\_Shasta.docx

## Cathy

On Fri, Jun 14, 2019 at 1:02 AM Cathy Marcinkevage - NOAA Federal < <a href="mailto:cathy.marcinkevage@noaa.gov">cathy.marcinkevage@noaa.gov</a>> wrote:

Revisions in bold.

- Rice Decomp -- Revised Section 2.5.2.3.4.2 to NOT be framework/programmatic. Also deleted some description to match revised description in latest draft PA. I made a slight revision to I&S table (removed "very" from "very little").
- Fall/Winter Flows text -- Evan to insert.
- Delta Smelt Summer-Fall Habitat -- Revised 2.5.2.3.3 to include description and say analyzed at framework level. Intent is to then draft a T&C that mirrors 2009 BiOp T&C of Fall X2 action (FWS shall consult (small c) with us). **Included in the I&S table (you can move it to the right location)** but could use review of proportion by one of you.
- Shasta Supplemental -- I drafted the stand-alone section on this and attempted to insert rows to the I&S table (again, they can be moved to where you want them) but they could use review and I am not married to any value in there. I didn't make rows for all of them, it seemed....redundant, since the tier operations capture so much of most of them (like a peer review process). But tell me if that seems like an issue.

I'm out of the document now. I'm not necessarily asking you to do anything, just letting you know in case 1) you want to do anything to the section or 2) this info is helpful for anything else. There's still a lot of clean up on this section but I'll get to that eventually. There was TOO MUCH flying around after the weekend directors meeting.

I'm moving on to the "yes" actions and the performance measures next, which will be in a supplemental analysis section.

Cathy

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## **Brian Ellrott**

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