From: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>

**Sent:** Tuesday, May 7, 2019 10:11 PM

To: Maria Rea

**Cc:** Garwin Yip; Howard Brown **Subject:** Fwd: Shasta Effects V11

Maria --

Attached is a revised version (V11) of the Shasta section from what you printed out last week and took with you. As Howard mentioned, we are having a version hiccup since we gave Rosalie an early look (and V9, which you have printed, predates that...), but we'll work through it.

Included in this attached version (V11) are 1) revisions compared to the print-out you have that are spread through the entire document and 2) Rosalie's review of the first portion and some of my revisions based on her review. All previous comments are retained but I did "mute" them if I felt they were addressed. You can see below if you'd like more detail on items I have in the queue to address after we get it back from internal review.

What Garwin and Howard sent to you was V10 with Rosalie's markups; that's kind of an "in-between" of what you printed and what I've attached. I'd say it is more like what you printed, though without the track changes.

Happy reading. Cathy

----- Forwarded message -----

From: Cathy Marcinkevage - NOAA Federal < cathy.marcinkevage@noaa.gov >

Date: Mon, May 6, 2019 at 1:20 AM

Subject: Shasta Effects V11

To: Garwin Yip <garwin.yip@noaa.gov>, Howard Brown <howard.brown@noaa.gov>

Cc: Boring, Susan <susan boring@fws.gov>

Hey all ---

I'm not happy with where this is but 2.5 hrs in, this is it and I need to sleep. It is attached and on the server.

I think it is fine to go to review for now. The parking lot has in it:

- Incorporate some specific items that I asked Evan to provide last week, which he did. I think those are finer examples from 2015, or single line effects, that shouldn't ruffle feathers for now. But they will take some time to include.
- -Focus on the end. I (and it looks like Garwin) run out of steam at the end and there are loose ends.
- -Cross check with tables in I&S to update. Definitely need to do that.

-Some clarification on NOD contracts. That's a request I have in to Maria (unless one of you can provide it for me).

I'm confident that these can be included before the 5/20 peer review delivery and do not change determinations or effects.

Garwin, note that I built off of what Rosalie sent us Saturday. So I addressed some of her comments that were easy, but let others in. Generally, only "outstanding" comments (and references) are NOT muted. Not sure how to handle this for her continued review (if you accept all, she won't be able to see the changes made in response to her early comments).

Sorry my bar is low today. Cathy