From: Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>

Sent: Thursday, May 9, 2019 10:38 AM **To:** Naseem Alston - NOAA Federal

Cc: Brian Ellrott; Garwin Yip; Brittany Cunningham - NOAA Affiliate

Subject: Re: I&S

Hi Naseem.

I believe Rosalie was only was able to provide early comments on green sturgeon and winter-run I&S. I have incorporated Garwin and Rosalie's latest comments into GS I&S- 2.8 Integration and Synthesis GS V5-JH-to reviewers-do not change

I'm not sure what Rosalie's timeline is on her latest review of all the I&S sections. I plan on incorporating Garwin and Sarah's comments into steelhead I&S today, and will let you know when I name that file.

Table question- Rosalie recommended that we delete rows that are 'NA' or 'uncertain' in effect/magnitude unless we include the element in our I&S analysis/conclusion. We initially discussed including a narrative paragraph capturing these uncertain or NA elements in the I&S but my recommendation now is that uncertain/NA are only included in the effects. If division leads don't discuss uncertain/NA elements in their effects sections, then we should probably delete the row in the effects tables as well. I think this may be the only approach that time will permit at this stage of review.

-Joe

On Thu, May 9, 2019 at 8:10 AM Naseem Alston - NOAA Federal < naseem.alston@noaa.gov > wrote: Hi Brian and Joe,

You may have heard that Brittany and I are working to quickly start putting the ITS together. In order to do this, having finalized conclusions throughout the I&S would be extremely helpful!

Could you let Brittany and I know where each is at in terms of incorporating Rosalie's review (applying her review to others if she has not reviewed each doc). Estimate to complete?

As I mentioned in a previous email, I was a little unclear about the status/state of the I&S sections when Garwin sent them out for review, as they appeared to have not incorporated Rosalie's comments yet, etc. I had started to look through spring-run first, and then opened winter-run along side and saw all of Rosalie's comments so wasn't sure about the value of reviewing it at that point.

That being said, I have a few comments/edits in both the spring-run and winter-run, please find attached.

<u>Question about the TABLES</u>: from the winter-run track changes, it appears many rows are being deleted. Could one of you briefly explain this evolution for my understanding?

Also, related to our conversation with Rosalie regarding NOT carrying over "uncertainties" in the I&S - how did you all address this? Has there been any circling back to Effects-writers if the uncertainty came from them? We talked about the effects sections needing to include assumptions for any uncertainties to reach conclusions about expected effects to species/CH.

Brittany and I are supposed to get the ITS going pretty far THIS WEEK (according to schedule)! I appreciate your assistance in getting caught up to speed!

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