From: Stephen Maurano - NOAA Federal <stephen.maurano@noaa.gov>

Sent: Wednesday, May 22, 2019 2:09 PM **To:** Evan Sawyer - NOAA Federal

Cc: Cathy Marcinkevage - NOAA Federal

Subject: Re: I&S tables

Hi Evan.

I wasn't able to do editing since the files were being worked on (Brian in particular was editing for the duration and the file was locked) but here's the small amount I gleaned. Hopefully either this was helpful to your editing, or you can give me additional instructions when you're back in the office. Thanks so much,

You requested edits of I&S tables for...

- Spring Run (2.8 Integration and Synthesis ELLROTT SR V4)
- Steelhead (2.8 Integration and Synthesis SH V4 srb)

...cross checked for consistency with:

- Green Sturgeon (2.8 Integration and Synthesis GS V6 srb)
- Winter Run (2.8 Integration and Synthesis winter-run V4)

To do this, I searched the Action Component column for "2.5.2.5" (and "2.5.2.3" in the case of Steelhead) looking for items listed as being "uncertain." But in your example, uncertain is used in most of the columns (9/12) so I wasn't clear which of these you want to add specificity to or not. I considered transferring information from the completed examples, but the applicability of some of the Green Sturgeon and Winter Run info to Spring Run and Steelhead wasn't evident to me

Per you suggestion, I also searched for "Wilkins" and "Screen" to make sure these sections had two rows each for construction and operation. I saw that Steelhead and Spring Run have two "Wilkins" and "Small Screen Programs" rows (for Upper Sac/Shasta and Middle Sac respectively) but they don't address construction, so those will need to be added.

On Wed, May 22, 2019 at 7:12 AM Evan Sawyer - NOAA Federal <<u>evan.sawyer@noaa.gov</u>> wrote: Hey Stephen,

Attached is the I&S table for winter-run. What I need to do, and what I would like your help on, is revise I&S tables for spring-run and steelhead to be more consistent with the winter-run table.

Here's what I mean; (in what feels like forever ago) I consolidated the 'upper Sac River' effects into the integration and synthesis tables for each species but after some discussion we removed a number of rows because they were 'uncertian' to occur. These were mostly programmatic action components that lacked a description that would allow us to assess effects. Upon further revision, we've decided to re-insert these rows but characterize them slightly differently based on our (NMFS) assumptions. In the winter-run I&S table I've added the assumptions in and we now have to do the same for spring-run and steelhead (i'm mostly done with green sturgeon.

Lets chat when you get in, Evan

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Evan Bing Sawyer,

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