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**From:** Evan Sawyer - NOAA Federal <evan.sawyer@noaa.gov>  
**Sent:** Monday, May 13, 2019 8:04 AM  
**To:** Cathy Marcinkevage - NOAA Federal  
**Subject:** Re: Update on "the Tables" and Other Things

Hey Cathy,

Have a safe flight and a good time.

I've updated the I&S tables for WR, SR and SH but not GS (yet). the following file names are updated and can be found in the I&S folder on the ROCON drive:

2.8 Integration and Synthesis ELLROTT SR V2  
2.8 Integration and Synthesis SH V3--GY-SG (CLEAR)  
2.8 Integration and Synthesis ELLROTT WR V2.rd bje-GY

Also I noticed that the month to month flow change analysis was not included in v12 of the Shasta effects section but were included in the table (2.5.2-5) describing effects. Anyway the effects section is locked but the following sentences should be included in the SH section (2.5.2.3.1.1.3):

*Using the USFWS (2006) flow fluctuation and redd dewatering relationship, a flow reduction from a 8,000 cfs spawning flow to 3,250 cfs would be expected to dewater about 31.1 - 31.8 percent of steelhead redds. Likewise, flow reductions from 8,000 cfs spawning flows to 4,000, 4,500 and 5,000 cfs would be expected to dewater about 20.8 - 22.2, 16.3 - 17.6, and 11.8 - 12.6 percent respectively. The species response to winter flows of 3,250 cfs, in the upper Sacramento River would include dewatering, which could lead to increased egg mortality. (I've included these results in the I&S table)*

Thanks,  
Evan

On Sun, May 12, 2019 at 10:48 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Hey Evan--

I think you were on track to finish the cross check of "the tables" for each species in the I&S against the latest Shasta version. Is that the case? If so, can you point me to the latest iterations? I'm hopeful that I'll get to look at them during the flight on Monday (8:30 am departure) as I continue to get the rest of the Shasta section finalized (ish).

Also, I think then your next task is the LCM section, right? I'll take a look at that but probably not until at least Monday night, if not later.

Finally, it seriously just occurred to me that I should have an acting while I am out. So....congrats! 😊 I think that the only thing to cover is the 11 am Monday Mgmt Team meeting, and I'll give you some info for that before I take off. Howard and Garwin can fill in for me on the 10 am. I'll let the rest of the branch know, too, so that we have clear reporting and coverage.

Thanks!  
Cathy

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