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

Sent: Monday, June 17, 2019 11:42 AM

To: Joe Heublein - NOAA Federal; Barbara Byrne - NOAA Federal; Brian Ellrott; J. Stuart

Cc: Yip', 'Garwin

Subject: Re: availability and status

Joe, Brian, Barb, and Jeff --

Joe, I wanted to check in on your connectedness and prospect for the coming week, or at least today. Please continue to provide Garwin with updates.

Also, I wanted to see if you felt that GS and STH I&S are "clean", outside of the items you noted in your email.

Next is revising I&S for all species to account for the performance measures and latest changes to the PA. This mostly affects the Delta and Shasta sections.

I think that WR is mostly on its way. The process for that was **leads** adding/revising rows as needed, and **Brian** drafting narrative text after reviewing our supplemental analysis. We of course will review that. I'd like to use the same approach for other species to distribute the workload and keep the I&S pen with the I&S drafters.

There may or may not be changes to the tables for SR, STH, and GS that **Jeff, Barb, or I** need to do. We'll target doing those today and tomorrow.

Joe, I encourage you to review the supplemental Shasta and Delta sections to get a feel for how it may (or may not) change the I&S. **Brian**, I'd appreciate it if you can share with Joe any text you are drafting for WR regarding these actions; may as well recycle where we can.

I think that getting these loose ends tied up asap is important, with a target of mid-day tomorrow if we can. Maria has asked about these specifically.

All, let me know if you have any questions. There's a lot moving parts! Cathy

Supplemental Shasta:

S:\Draft BiOp\2 ESA\2.5-2.6 Effects of the Action\Shasta Division\Shasta Supplement V2.docx

Supplemental Delta: (somewhere around p. 148)

S:\Draft BiOp\2_ESA\2.5-2.6 Effects of the Action\Delta Division\2.5 and 2.6 Delta Effects V16 MASTER-GY--BB.docx

On Thu, Jun 13, 2019 at 11:04 AM Joe Heublein - NOAA Federal <<u>joe.heublein@noaa.gov</u>> wrote: Update on my status and availability-

American effects- Brittany is addressing final edits, I didn't see anything in the updated PA that involved this division

Green sturgeon I&S- mostly done, conceptually the updated PA may reduce effects to green sturgeon but I don't think it will change beyond division lead (delta and shasta) review of the I&S table for accuracy after they complete the supplemental effects piece

Steelhead I&S- similar to green sturgeon although changes in the PA may change the I&S tables and narrative. Not sure this will ultimately change the conclusion but division leads can revise the I&S table per the updated PA and we can go from there

ITS- responded to the group with my revision of the ITS monitoring list yesterday. Barb and Sarah mentioned converting this to a table. Maybe they can settle on a table template and assign that to Brittany if she has time? Essentially, all monitoring is covered under section 10 so there's no need to specify take in the BO (in my opinion).

Terms and conditions for 'compliance' monitoring. Sent Maria an email about this earlier. Barb and Sarah included some info on this in their ITS monitoring list but if we have a monitoring term and condition format available I can add to this (right now- CVEAT, standard reporting of green sturgeon at RBDD screw traps, and possibly steelhead and spring-run telemetry in SJR).

Availability- I've officially entered moving chaos and shutting down for ~36 hours. I plan on checking on things this weekend but probably won't get to anything until Monday

Thanks

Joe

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