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

Sent: Tuesday, April 9, 2019 11:44 AM

To: Brian Ellrott; J. Stuart - NOAA Federal; Yip', 'Garwin; Cathy Marcinkevage; Howard

Brown; Boring, Susan; Barbara Byrne - NOAA Federal

Subject: Green sturgeon I&S

Finished a draft of the GS I&S. It is saved as '2.8 Integration and Synthesis V1 srb jch' in R:\Draft BiOp\2 ESA\2.8-2.9 Integration and Synthesis and Conclusion

I discuss recovery in: 2.8.7.2 Assess the Risk to ESU/DPS If this recovery discussion seems reasonable, I will do the same for steelhead.

I had to format the stressor critical habitat tables with small font so they fit on the page and I could add comments/track changes. Still haven't included discussion of the ~8 Delta Division effects I wrote up but we're making progress on retrieving that document and hopefully it can be added later. Otherwise, have some suggested changes on Evan's effect conclusions for presumably beneficial actions like fish screens. If those changes make sense Evan may need to change his effects section slightly to reflect that.

I'm planning to stop working on GS I&S and move onto steelhead. Hopefully Jeff has time to review and revise GS I&S as needed.

Thanks,

Joe

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