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**From:** J. Stuart - NOAA Federal <j.stuart@noaa.gov>  
**Sent:** Wednesday, April 10, 2019 11:25 AM  
**To:** Joe Heublein - NOAA Federal  
**Cc:** Brian Ellrott; Yip', 'Garwin; Cathy Marcinkevage; Howard Brown; Boring, Susan; Barbara Byrne - NOAA Federal  
**Subject:** Re: Green sturgeon I&S

I'm going to go through Joe's "lost but now is found" Delta effects section for the other delta actions and insert rows into the I&S tables per his request.

On Tue, Apr 9, 2019 at 11:43 AM Joe Heublein - NOAA Federal <[joe.heublein@noaa.gov](mailto:joe.heublein@noaa.gov)> wrote:  
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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