
From: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>
Sent: Wednesday, May 29, 2019 1:30 PM
To: Joe Heublein - NOAA Federal; Ellrott, Brian
Cc: Kristin McCleery - NOAA Affiliate; Cathy Marcinkevage; Yip', 'Garwin; Howard Brown; Naseem Alston - NOAA Federal
Subject: Re: response requested

I plan to make the following changes in the I&S docs for consistency (predation row removal) and effects section changes (Lower SJR habitat needs to be added as programmatic). Will chat Joe and Brian when I'm done. I will also go into the Stan/SJR section to remove the predation rows from the effects tables there.

SR I&S:

- Will remove "predation" effects row in East Side Division (predation effects mediated by habitat and already mentioned as a response in the "rearing habitat" row; already removed from SJR section after discussion with Brian).
- Will add "beneficial" row for Lower SJR Habitat since has shifted from "not reasonably certain to occur" (and thus not in the table at all) to programmatic/framework-level. Will be same as for SH row except for lifestage timing.

SH I&S:

- Will remove "predation" effects row in East Side Division and SJR section (predation effects mediated by habitat and already mentioned as a response in the "rearing habitat" row; for consistency with SR approach).
- Will add "beneficial" row for Lower SJR Habitat since has shifted from "not reasonably certain to occur" (and thus not in the table at all) to programmatic/framework-level. No construction effects included because absolutely no project design info provided.
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Stressor/Benefit	Life Stage/ Location	Life Stage Timing	Individual Response and Rationale of Effect	Severity of Stressor/Level of Benefit	Proportion of Population Exposed	Frequency of Exposure	Magnitude of Effect	Weight of Evidence	Probable Change in Fitness
Floodplain habitat	Juvenile rearing and migration	Dec-May for rearing; Feb-June for migration	Increased food supply; increased growth rates; refuge from predation; larger size at time of emigration	Beneficial:High	Medium (likely medium exposure once completed, depending on project design)	Medium (likely medium frequency of exposure once completed, depending on project design)	High (applicable only if project completed)	High (for beneficial effects of floodplain habitat); Low (for likelihood will be completed by 2030 given complexity of project)	Increased survival, increased growth

On Wed, May 29, 2019 at 9:07 AM Joe Heublein - NOAA Federal <joe.heublein@noaa.gov> wrote:

Hi Team,

Brian and I are trying to finalize these for peer review clearance today and have a quick question for division leads-

Will any of your recent effects section edits require **significant changes** to the results of the I&S stressor tables?

Significant changes- downgrading high magnitude stressors to low/moderate or upgrading low/moderate magnitude stressors to high

Here are the most recent versions of the I&S sections if you want to quickly review of the tables-

2.8 Integration and Synthesis winter-run V5

2.8 Integration and Synthesis spring-run V5

2.8 Integration and Synthesis SH V4 srb

2.8 Integration and Synthesis GS V6 srb

Please let us know as soon as possible

Thanks

Joe

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