
From: Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>
Sent: Friday, March 22, 2019 10:40 AM
To: Naseem Alston - NOAA Federal
Cc: Page Vick - NOAA Affiliate; Cathy Marcinkevage; Brian Ellrott
Subject: Re: Green Sturgeon and the EnvBaseline

Hi Naseem,

I reviewed this today- here are some comments that hopefully Page can follow up on

- Page 16 Diversion Entrainment section. Comment- The GS recovery plan and SAIL documents have a much more thorough discussion of entrainment with up to date references
- Page 16 Red Bluff Diversion Dam decommission (no discussion regarding green sturgeon). Comment- this had a major beneficial impact on spawning distribution for green sturgeon and possibly population recovery, GS recovery plan and SAIL documents have a thorough discussion of this with up to date references
- Page 17 RPAs. Comment- It is unclear in the document if Fremont and Wallace Weir fish passage facilities are complete. I believe notching Fremont Weir is proposed to occur in the next couple years but the passage elements are complete.
- Page 32 Status of GS in the Action Area. Comment (general)- this section could be updated with info in the GSRP and SAIL documents if time permitted
- Page 34 Green sturgeon spawning. Comment- Green sturgeon spawning has been documented in the Yuba River and more recently in the Feather, GS recovery plan and SAIL documents have a thorough discussion of this with up to date references
- Page 35 outmigration and rearing in the Delta. Comment- The GS recovery plan and SAIL documents have a much more thorough discussion of outmigration and behavior in the Delta with up to date references
- Page 35- "However, it is likely that reverse flows generated by Delta water exports affect the green sturgeon juvenile and subadult life stages to some degree as evidenced by juvenile captures at CVP/SWP salvage facilities during high water years (CDFW 2017; <ftp://ftp.dfg.ca.gov/salvage>)." Comment- Not sure about this reference, I don't believe CDFW has related high water/export and high salvage of green sturgeon. Highest absolute salvage number on record at CVP was in 2006 (high water/export year) and there have been a few other wet years with high salvage but the relationship is much stronger in white sturgeon. I have an IEP newsletter article discussing this that should be published this spring.

Thanks

Joe

On Fri, Mar 22, 2019 at 9:04 AM Naseem Alston - NOAA Federal <naseem.alston@noaa.gov> wrote:
Hi Page and Joe,

I mentioned to Cathy that the front end sections of the draft ROConLTO environmental baseline is heavily salmonid focused.

We are hoping one/both of you could look through to see if "and green sturgeon" is appropriate for some of the sections, or otherwise include a statement and citation(s) about green sturgeon to the discussion.

Attached is the draft. If you do a "find" for "sturgeon" you'll see it doesn't show up until page 14. There may be a few sections after that as well that they should be added to.

Reviewers are being asked to be done by COB the 28th. I believe we are hoping you all can be get through it by then as well (Cathy?)

Let me know if you have any questions!

Thanks for your help!

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