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**From:** Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>  
**Sent:** Friday, May 31, 2019 4:07 PM  
**To:** Howard Brown - NOAA Federal; Yip', 'Garwin; Naseem Alston - NOAA Federal; Brian Ellrott; Brittany Cunningham - NOAA Affiliate; Cathy Marcinkevage  
**Subject:** Re: Folsom Water Control Manual

Hi Howard,

Kristin from reclamation is going to add a couple sentences on this in their surgical edit of the American R effects. We have one reference to 'NMFS 2018' but nothing in the bibliography so that may have something to do with the water control manual BO. Kristin mentioned that looking at historic flow fluctuations is not appropriate with construction of the new spillway but not sure how to characterize that.

More importantly, if the new water control manual covers take associated with flood management should we remove redd dewatering/stranding from the effects and add it to baseline/not consulted on? We'll have to update a bunch of stuff if it's removed from the effects analysis

Thanks

Joe

On Fri, May 31, 2019 at 12:53 PM Howard Brown - NOAA Federal <[howard.brown@noaa.gov](mailto:howard.brown@noaa.gov)> wrote:

Joe,

Here is the location of the flood biop. It's long, so I would look at the integration and synthesis and conditions.  
M:\SA-FINAL Biological Opinions\2018 - 2018-10-16-Folsom-Dam-And-Lake-Water-Control-Manual-BO-Signed  
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