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**From:** Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>  
**Sent:** Thursday, March 28, 2019 9:49 AM  
**To:** Howard Brown - NOAA Federal  
**Cc:** Cathy Marcinkevage; Garwin Yip; Barbara Byrne  
**Subject:** Re: Update on Delta effects analysis -- status by project component

Hi Howard,

I've saved all these write-ups in appropriate headings in the Delta divisions effects in ROC-LTO. My approach was to collapse the description of effects in the BA into a summary of effects. Here's what I didn't have time for-

- In a typical consultation I would re-write every sentence that I used from a BA, I did not have time to do this
- I didn't have time to search for and (if available) use example effects analyses for these elements in OCAP or CWF BOs
- I didn't have time to flag any references and check if they were in CVO endnote
- I realized that I probably have covered some effects of 'DCC operations' in 'DCC improvements' and some discussion of DCC operations can probably be deleted. I didn't have time for this
- there is no description of effects of Reintroduction from the U.C. Davis Fish Conservation and Culture Laboratory in the BA. I did not write an effects section on this
- The Small Screen program is mostly outside of the Delta Division, the BA discussion focuses on the upper river and is extremely general. I did not write an effects section on this

Thanks

Joe

On Mon, Mar 25, 2019 at 3:56 PM Howard Brown - NOAA Federal <[howard.brown@noaa.gov](mailto:howard.brown@noaa.gov)> wrote:

Hi Joe,

We need some help addressing some Delta actions and Cathy gave me the green light to direct these toward you. Specifically, we need help addressing the the Delta action components that are highlighted blue in the attached sheet. A few of these are easy, for example, the intervention measures are for Delta smelt, so our analysis would basically saying that these actions would not affect our species. Most of the other ones would require short, high level programmatic narratives. The Delta restoration action seems daunting but I would suggest talking with Barb about it; she seems to have a handle on how to work with it.

Thanks in advance!

Howard

----- Forwarded message -----

**From:** Barbara Byrne - NOAA Federal <[barbara.byrne@noaa.gov](mailto:barbara.byrne@noaa.gov)>

**Date:** Mon, Mar 25, 2019 at 2:44 PM

**Subject:** Update on Delta effects analysis -- status by project component

**To:** Jeffrey Stuart - NOAA Federal <[jeffrey.stuart@noaa.gov](mailto:jeffrey.stuart@noaa.gov)>

**Cc:** Howard.Brown <[Howard.Brown@noaa.gov](mailto:Howard.Brown@noaa.gov)>, Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>,

Cathy Marcinkevage <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)>, Kristin Begun - NOAA Affiliate  
<[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)>

Jeff -- See the attached for the assignment status based on our discussion after the ROConLTO check-in meeting this afternoon. Green=things on track to be done by 3/28; Pink=things back on your plate due 3/28; Yellow & Blue = things reassigned to others.

**Bottom line? Please send write-ups for "Agricultural Barriers" and "Clifton Court Predator Management", on the original timeframe of by COB Thursday, 3/28.** Please focus on the key effects necessary for the I&S section (e.g., maybe the details of predator management don't matter too much because survival doesn't seem to be much affected?) and incorporate the deluge of materials we got by reference rather than try to do a detailed summary.

Barb

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**Barb Byrne**

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