

---

**From:** Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>  
**Sent:** Friday, May 3, 2019 11:12 PM  
**To:** J. Stuart - NOAA Federal  
**Cc:** Barbara Byrne; Susan Boring; Howard Brown; Cathy Marcinkevage  
**Subject:** Delta Division effects section

Jeff and Barb,

Attached is the latest version of the Delta section. Please make sure to place a copy in the ROCON drive. My VPN is acting up and I can't seem to connect to the server.

This is a cleaned up version, so most comments that have been incorporated were deleted, and edits accepted. There are a bunch of edits in various places to tighten up the language from the RPA or PA. we should use verbatim text when possible.

There are a few more outstanding comments that need to be addressed, or have a response, for example, my last comment regarding the CH section.

If you incorporate more comments this weekend, please update the file name, and also send to me. On Monday, I will save a clean copy and send onward for internal review.

Thanks.

-Garwin-

---

*Garwin Yip*  
Water Operations and Delta Consultations Branch Chief  
NOAA Fisheries West Coast Region  
U.S. Department of Commerce  
California Central Valley Office  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814  
Office: 916-930-3611  
Cell: 916-716-6558  
FAX: 916-930-3629  
[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)



On Fri, May 3, 2019 at 7:04 AM J. Stuart - NOAA Federal <[j.stuart@noaa.gov](mailto:j.stuart@noaa.gov)> wrote:

Latest version is attached and on the ROCon drive. Maria did have one additional section she wanted to address regarding hydrodynamic effects in the south Delta which will have to be a place holder for now until I can write it up. Maybe I can work with Barb to include some of the SST report findings s to fill this section..

Have call with Russ Perry and Cathy this morning to discuss getting his transit model run and incorporating Delta survival / transit times into the Delta section

\ROC-Long term Operations\2019 Consultation\Draft BO\Draft BiOp\2\_ESA\2.5 Effects of the Action\Delta Division\2.5 and 2.6 Deltamr--jss

On Thu, May 2, 2019 at 4:05 PM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

Please e-mail me your revised effects sections (obviously with my assumption that you're done, and place a copy in the ROCON drive).

Thanks.

Sent from my iPhone

--

**Jeffrey S. Stuart, M.S.**  
*Fishery Biologist*

*NOAA Fisheries West Coast Region  
U.S. Department of Commerce  
California Central Valley Office  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814-4706*

Office: 916-930-3607  
[J.Stuart@noaa.gov](mailto:J.Stuart@noaa.gov)



**Find us online**

[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)

