

---

**From:** Bruce Oppenheim - NOAA Federal <bruce oppenheim@noaa.gov>  
**Sent:** Thursday, December 29, 2016 9:05 AM  
**To:** Garwin Yip - NOAA Federal  
**Cc:** Barbara Byrne; Brycen.Swart@noaa.gov; Doug Hampton; Evan Sawyer - NOAA Affiliate; Jeff Stuart; Kristin McCleery - NOAA Affiliate; Lee He; Melanie Okoro - NOAA Federal; Cynthia Hohn - NOAA Affiliate  
**Subject:** Re: Reinitiation of consultation (ROC) on LTO

Garwin,  
I would also add to the proposed action list, "Changes to the Tracy Fish Facility". This would include a redesign of the current fish facility in light of the deteriorated condition (> 60 years old), details on how the new diversion canal from the CWF will connect to the Delta Mendota Canal, and lastly how the operations and maintenance of the Tracy Fish Facility will change with the changes to Clifton Court Forebay.

Bruce

On Tue, Dec 20, 2016 at 9:29 PM, Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:  
All,

In my end of my week updates that I sent out earlier today, I mentioned a Directors' meeting to discuss the reinitiation of the CVP/SWP operations consultations.

Attached is the Consultation Agreement for ROC on LTO that is currently being circulated around the Directors for signature.

Attached are also an annotated outline of the BA, and a proposed action list. The proposed action list is supplemented with the following additions.

- Pulse flows/ecological flows
- Passage program at Shasta
- Yolo Bypass actions
- CVP preferential pumping
- Changes to So Delta facilities
- North Delta Bypass flow studies and criteria
- San Joaquin corridor April-May actions (I:E)
- Changes to transfer windows
- Drought exception provisions/health and safety

Please do not compare the annotated outline with the proposed action list. They are not consistent, as there are some things in 1 document that aren't on the other. Feel free to send me an e-mail with additional items that could be added to the proposed action list. Reclamation indicated that there isn't a deadline for comments, but I want to make sure this doesn't fall through the cracks, so please send me any additions by COB Friday, January 6, 2017. A list is enough, and should be self-explanatory without the need for details or explanations.

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](tel:916-930-3611)  
Cell: [916-716-6558](tel:916-716-6558)  
FAX: [916-930-3629](tel:916-930-3629)  
[www.westcoast.fisheries.noaa.gov](http://www.westcoast.fisheries.noaa.gov)



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

From: **Banonis, Michelle** <[mbanonis@usbr.gov](mailto:mbanonis@usbr.gov)>

Date: Wed, Dec 14, 2016 at 2:12 PM

Subject: Materials in Advance of Monday Meeting on ROC on LTO

To: Aimee Diefenbach <[aimee.moore@noaa.gov](mailto:aimee.moore@noaa.gov)>, Alene Thomas <[athomas@usbr.gov](mailto:athomas@usbr.gov)>, "Alletta (Letty) Belin" <[alletta.belin@ios.doi.gov](mailto:alletta.belin@ios.doi.gov)>, Barry Thom <[barry.thom@noaa.gov](mailto:barry.thom@noaa.gov)>, Carl Wilcox <[carl.wilcox@wildlife.ca.gov](mailto:carl.wilcox@wildlife.ca.gov)>, "Chuck@Wildlife Bonham" <[chuck.bonham@wildlife.ca.gov](mailto:chuck.bonham@wildlife.ca.gov)>, "Cindy@DWR Messer" <[cindy.messer@water.ca.gov](mailto:cindy.messer@water.ca.gov)>, Dan Castleberry <[dan.castleberry@fws.gov](mailto:dan.castleberry@fws.gov)>, David Mooney <[dmmooney@usbr.gov](mailto:dmmooney@usbr.gov)>, David Murillo <[dmurillo@usbr.gov](mailto:dmurillo@usbr.gov)>, Francia Morales <[fmorales@usbr.gov](mailto:fmorales@usbr.gov)>, Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>, Janice Pinero <[jpiner@usbr.gov](mailto:jpiner@usbr.gov)>, Katrina E Harrison <[kharrison@usbr.gov](mailto:kharrison@usbr.gov)>, Kaylee Allen <[kaylee.allen@fws.gov](mailto:kaylee.allen@fws.gov)>, Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>, "Mark@DWR Cowin" <[mark.cowin@water.ca.gov](mailto:mark.cowin@water.ca.gov)>, Matthew Sullivan <[matthew.sullivan@fws.gov](mailto:matthew.sullivan@fws.gov)>, PABLO ARROYAVE <[parroyave@usbr.gov](mailto:parroyave@usbr.gov)>, Patricia Idlof <[pidlof@usbr.gov](mailto:pidlof@usbr.gov)>, Paul Souza <[paul.souza@fws.gov](mailto:paul.souza@fws.gov)>, Sherry Byers <[sherry\\_byers@fws.gov](mailto:sherry_byers@fws.gov)>, Thomas Eckert <[teckert@usbr.gov](mailto:teckert@usbr.gov)>, "Nemeth, Karla@CNRA" <[karla.nemeth@resources.ca.gov](mailto:karla.nemeth@resources.ca.gov)>

Good Afternoon,

In advance of Monday's Principals meeting at 1:30 p.m. in Reclamation's Bay Delta Office on the Reinitiation of Consultation (ROC) on the Long-term Operation (LTO) of the CVP and SWP, here are materials for discussion. Attached, please find an agenda, a proposed action list, and a biological assessment outline. These items are draft, intended to spark discussion, and are by no means intended to be final.

Please note, we are reserving 3:00 p.m. - 3:30 p.m. to discuss the Biological Opinion development for WaterFix since we will have the needed folks in the room.

Thanks for your time and looking forward to Monday's discussion. Please contact me with any questions or comments.

Michelle

**Michelle Banonis, Esq., Bay Delta Office Area Manager**  
**Bureau of Reclamation**  
801 I Street, Suite 140

Sacramento, CA 95814-2536

[\(916\) 414-2401](#)

[\(916\) 397-4914](#) (cell)

--  
**Bruce Oppenheim**

*Fishery Biologist*

*California Central Valley Office  
650 Capitol Mall, Suite 5-100  
Sacramento, CA 95814-4706  
NOAA Fisheries West Coast Region  
U.S. Department of Commerce  
Office: 916-930-3603*

