

---

**From:** Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>  
**Sent:** Saturday, May 4, 2019 1:11 PM  
**To:** Brittany Cunningham - NOAA Affiliate; Sarah Gallagher  
**Cc:** Cathy Marcinkevage; Howard Brown; Susan Boring  
**Subject:** Re: Updates and effects sections needed-CLEAR CREEK

Thanks, Brittany and Sarah.

The Clear Creek effects section is much better. I cleaned up the doc, added track changes, and saved as V6 in the ROCON drive. Take a look. For Monday, I will accept all track changes, delete all comments (except for references), and save in a new file to send onward for regional review.

Overarching comments:

- My comments should be addressed in/incorporated as edits to the document itself, not as responses to my comments (unless not appropriate for inclusion).
- As this is an effects section, we need to move from the realm of possibility and speculation, to the likelihood of an effect happening. This would be based on what we know of the PA, past monitoring and effects, assumptions we made, etc.
- Critical habitat analysis: At the end of each PBF analysis, we should be clear regarding what the effect of the action is on the PBF in terms of whether the PA is likely to improve, degrade, or result in the same condition of the PBF.

-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 3:14 PM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Garwin,

I believe I have addressed comments on the Clear Creek file as much as I can. There are many comments and questions from Sarah to you on there. It is back and saved on the ROCON Drive.

Brittany

On Fri, May 3, 2019 at 8:18 AM Brittany Cunningham - NOAA Affiliate <[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Yes, I can do that.

Brittany

On Fri, May 3, 2019 at 7:26 AM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:  
Brittany,

Can you take over addressing my comments on the Clear Creek effects section (with Naseem and Sarah available if you need help)?

Sent from my iPad

Begin forwarded message:

**From:** Sarah Gallagher - NOAA Federal <[sarah.gallagher@noaa.gov](mailto:sarah.gallagher@noaa.gov)>  
**Date:** May 3, 2019 at 7:09:28 AM PDT  
**To:** Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>  
**Subject: Re: Updates and effects sections needed-CLEAR CREEK**

Working on it now.

**Sarah Gallagher | Fish Biologist**  
*NOAA Fisheries | West Coast Region*  
*U.S. Department of Commerce*  
[650 Capitol Mall, Suite 5-100, Sacramento, CA 95814](#)  
916-930-3712 | [Sarah.Gallagher@noaa.gov](mailto:Sarah.Gallagher@noaa.gov)

On Fri, May 3, 2019 at 6:40 AM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

??

Sent from my iPhone

On May 2, 2019, at 5:41 PM, Sarah Gallagher - NOAA Federal <[sarah.gallagher@noaa.gov](mailto:sarah.gallagher@noaa.gov)> wrote:

I have addressed as much as I can to this point, but need to take a break. There are still some formatting and citations that still need to be dealt with, and some additional comments and questions for you. I feel like some of the paragraphs need summarizes that say how likely thing will occur and the magnitude of effect.

I went through everything but critical habitat. After I take a break, I plan to work on that section only.

**Sarah Gallagher | Fish Biologist**

*NOAA Fisheries | West Coast Region*

*U.S. Department of Commerce*

[650 Capitol Mall, Suite 5-100, Sacramento, CA 95814](#)

916-930-3712 | [Sarah.Gallagher@noaa.gov](mailto:Sarah.Gallagher@noaa.gov)

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

<2.5 and 2.6 Trinity-Clear Creek Effects V5sg-GY-SG 5.2.19.docx>

--

**Brittany Cunningham**

Natural Resource Specialist

Contractor with Lynker Technologies

NOAA Fisheries West Coast Region

[650 Capitol Mall, Suite 5-100](#)

[Sacramento, CA 95814](#)

Office: (916) 930-3606

[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)

--

**Brittany Cunningham**

Natural Resource Specialist

Contractor with Lynker Technologies

NOAA Fisheries West Coast Region

[650 Capitol Mall, Suite 5-100](#)

[Sacramento, CA 95814](#)

Office: (916) 930-3606

[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)