From: Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>

Sent:Wednesday, May 1, 2019 1:02 PMTo:Naseem Alston - NOAA FederalSubject:Re: Clear Creek RPA actions

I'm not sure how much detail we should get in to regarding the RPA in the env base. The 2009 BiOp compares and contrasts the USFWS vs. NMFS env base. We focused more on analyzing the effects of the action, rather than analyzing the env base. A lot of the effects analyses that I'm seeing talks about the current operations, so indirectly, addresses the environmental baseline, granted, in the effects section.

Right now, I'm a minimalist, trying to do what's needed and not shoot for the moon that I know we won't get to.

-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



On Wed, May 1, 2019 at 12:52 PM Naseem Alston - NOAA Federal < <u>naseem.alston@noaa.gov</u>> wrote: hm. shoot, right, lumping ops.

So, it should only be if there are "restoration" components.

Sorry, I actually didn't even look through them yet. Do you think any of these apply? It can be hard to tease apart "good things" vs "restoration"

Gravel, but that is already described in the "restoration actions" heading. I can/should add that it was part of the RPA though.

So yeah, no exhaustive list (72), but as a separate conversation, I think the EnVB might need to get into RPAs a little more (consulted on but no longer proposed).

Naseem O. Alston ESA-Section 7 Coordinator/Fish Biologist NOAA Fisheries West Coast Region U.S. Department of Commerce California Central Valley Office Sacramento, CA (916)930-3655 http://www.westcoast.fisheries.noaa.gov/

On Wed, May 1, 2019 at 12:23 PM Garwin Yip - NOAA Federal < garwin.yip@noaa.gov> wrote: Naseem,

I just opened up the attached, and at a quick glance, it looks like a paragraph for each RPA action. If we do that, are we providing subsections for all 72 RPA actions? I thought we were going to lump all operations together, and then provide subsections on restoration-type actions for status updates. I'll await your response before reviewing.

-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



On Wed, May 1, 2019 at 12:07 PM Naseem Alston - NOAA Federal < <u>naseem.alston@noaa.gov</u>> wrote: Hi Garwin,

Sarah and I were talking about the baseline, and we realized that the Clear Creek RPA actions were not yet included in the EnvB section!

I asked Sarah if she could provide short paragraphs similar to the other sections in there.

Could you take a look and edit as you feel appropriate for level of detail, etc?

I thought it would be helpful to include what has occurred to date, and what is no longer proposed, which she included.

Naseem O. Alston ESA-Section 7 Coordinator/Fish Biologist NOAA Fisheries West Coast Region U.S. Department of Commerce California Central Valley Office Sacramento, CA (916)930-3655 http://www.westcoast.fisheries.noaa.gov/