
From: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>
Sent: Tuesday, May 7, 2019 4:49 PM
To: Howard Brown - NOAA Federal
Cc: Barbara Byrne - NOAA Federal; Garwin Yip - NOAA Federal
Subject: Re: OMR Topics/Questions

For 1, I think that Marin from ICF or someone who originated these analyses should be the person to go into these methods (salvage- density right?). This is not a NMFS product. I can go back through documentation to see if we were presented with caveats on its use earlier than now.

For 2, it is probably more that DSM2 was used rather than CALSIM. Though CALSIM feeds into that. I'm predicting they they will try to say that you can't use CALSIM results to analyze this because that model doesn't predict presence of fish. That's fair, but we need to analyze *something* and with no cost defined process or confidence in an alternative to what is in the modeling, that's what we have to use. This is wholly consistent with other approaches.

For 5...they are in the baseline or not analyzed at all because there's no definition or certainty. I'd be wary of them trying to pull in SIT analyses to say that there's a way to attribute X more fish to the two-sentence "commitment" they make to restoration of some amount at some time on some place.

I'm out Wed morning but I can look into this some tonight. Lemme know!

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On May 7, 2019, at 4:33 PM, Howard Brown - NOAA Federal <howard.brown@noaa.gov> wrote:

Well, if you can cover the first 4 bullets, then we can take the last one. Perhaps you can write up a response that we can share with them so that we have something on the record.
Howard

On Tue, May 7, 2019 at 3:24 PM Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov> wrote:

3rd bullet I can do with not too much work; if 4th bullet is just asking about exposure analysis I can cover that as well fairly easily (but even the easy ones take some time to pull into to tell the story). First two bullets feed into modeling, which I would want to spend some time on to make sure I fully understand and can explain. Last bullet I defer to you three on -- FYI I do have some restoration in the Stan that (as of now) is NOT considered part of the EB.

Am focusing today on Delta write-up; will check in tomorrow on how to work this stuff onto my desk.

On Tue, May 7, 2019 at 2:54 PM Callejo, Russell <rcallejo@usbr.gov> wrote:
Howard,

For our technical meeting on OMR Thursday, please consider the following general topics/questions to jump-start our discussion:

- Please explain the methodology for determining fish loss at export facilities. (steelhead and spring-run in particular)
- How was CalSim used to assess entrainment into the Central and South Delta?
- The proposed action included salvage thresholds and triggers that would reduce entrainment and result in less adverse long-term average OMR than modeled. How were these real-time OMR adjustments incorporated into the analysis?
- What considerations or divers were incorporated in addition to OMR flows? (e.g., presence, location, behavior)
- How was proposed habitat restoration factored into the analysis? (e.g., growth and reduced vulnerability to predation)

Thanks,
Russ

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