Kristin Begun - NOAA Affiliate

From: Kristin Begun - NOAA Affiliate

Sent: Sunday, June 16, 2019 6:10 PM

To: Sarah Gallagher - NOAA Federal

Cc: Brittany Cunningham - NOAA Affiliate; Naseem Alston - NOAA Federal; J. Stuart -

NOAA Federal; Evan Sawyer - NOAA Federal; Garwin Yip - NOAA Federal

Subject: Re: Take tables

Hi Sarah, I have just closed the document.

Naseem, my edits are in. I replaced temp requirements with "take will be exceeded if monthly modeled temps are exceeded," otherwise they would exceed at certain locations each year. Please let me know if you have any questions.

Kristin

On Sun, Jun 16, 2019 at 5:04 PM Sarah Gallagher - NOAA Federal < sarah.gallagher@noaa.gov > wrote: I have made changes and are ready for you Naseem to update/edit. Done with this for now but let me know if you have any questions.

I also want to edit the T&C document, can we do that?

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

On Sun, Jun 16, 2019 at 4:51 PM Kristin Begun - NOAA Affiliate < kristin.begun@noaa.gov > wrote: Thanks Sarah, I will let you know when it is closed.

On Sun, Jun 16, 2019 at 3:42 PM Sarah Gallagher - NOAA Federal < sarah.gallagher@noaa.gov > wrote: I am making some changes in my own version right now...and can add them after Kristin

Sarah Gallagher | Fish Biologist

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On Sun, Jun 16, 2019 at 3:29 PM Kristin Begun - NOAA Affiliate < kristin.begun@noaa.gov > wrote: I will be ready to add changes and would appreciate the document being available in about 45 minutes.

On Sun, Jun 16, 2019 at 3:27 PM Brittany Cunningham - NOAA Affiliate

<<u>brittany.cunningham@noaa.gov</u>> wrote:

I had been working offline and jumped on it as soon as jeff was off. I just finished adding my changes, so it is free again.

On Sun, Jun 16, 2019 at 3:25 PM Naseem Alston - NOAA Federal < naseem.alston@noaa.gov > wrote: sounds like Evan can't work in the doc until later tonight - who needs it next? Kristin?

Brittany?

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 Sun, Jun 16, 2019 at 3:05 PM J. Stuart - NOAA Federal < <u>i.stuart@noaa.gov</u>> wrote:

I am out of the document now.

On Sun, Jun 16, 2019 at 1:43 PM Evan Sawyer - NOAA Federal <<u>evan.sawyer@noaa.gov</u>> wrote: Happy Fathers Day everyone!

Communication: Last I checked (12:05, 12:45, 1:15) the document was locked so I'm gathering my responses to comments elsewhere. Is there another, more efficient way of doing this?

I can only work another :45 (during nap) now but I plan to continue later (after 8:00pm). Should I continue to 'collect' my comments/revisions and add them after 8:00?

Evan

On Sun, Jun 16, 2019 at 1:30 PM Garwin Yip - NOAA Federal <garwin.yip@noaa.gov> wrote: Well said, Naseem. Thanks.

I haven't looked at Naseem's additional comments, but I know for mine, I didn't go back over them and make the same comment each time it applies. I had comments that I said pertain to similar cells or subsequent rows. Hopefully you know what i'm referring to and have applied them as appropriate, and not just see if a given row has track changes or not.

Communication and coordination on this is key so that:

- -- We don't end up with version control issues, and
- -- We can help each other out if we're stuck or need help.

As Naseem said, we need a good ready to go copy by Monday to send to the QA/QC team for review and clearance first thing on Tuesday morning.

There are actually 3 sections to the ITS in the works:

- -- IT tables, subject of this e-mail and current effort
- -- Text following the IT tables--Lots of time and effort put there, I'm reviewing now
- -- T&Cs--Again, lots of work and thinking that went in, and other hands in it (e.g., Howard), that I need to review.

-Garwin-

Garwin Yip

Water Operations and Delta Consultations Branch Chief

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On Sun, Jun 16, 2019 at 9:11 AM Naseem Alston - NOAA Federal < naseem.alston@noaa.gov > wrote:

Hi all,

I know at least most of you have looked at Garwin's review comments/edits and starting making some revisions.

I went through and added a few comments to at least one of each of your sections (I think) - to be carried through all sections.

SCHEDULE: is to have a good ready to go copy by Monday. Thanks for those of you that are putting some time in this weekend!

Let's keep communicating when you close the Tables doc so others know they can get into it.

For example, some reminders about the A/E of take column:

- 1) Incidental take is A/E that we expect to occur based on the PA (modeling, etc). This should be an "acceptable" amount (that avoids J)
- 2) As take is number of "death/injury/capture, etc of fish" when we don't have this, we are using an ecological surrogate (a metric we use to help inform what the level of effect/take will be). In the table for every cell, we should then start with "The ecological surrogate is... "
- 3) If it is not already stated, we should include how this surrogate relates to the actual number of fish being taken (for example a degraded habitat area surrogate would include description of how the degraded habitat is expected to result in reduced growth/survival of juveniles) - this is the "probable change in fitness" column.
- 4) To end the A/E discussion, we need to indicate when take would be exceeded. This is when

the level of take goes BEYOND what was indicated in the PA/modeling - and so beyond the surrogate. In some cases we don't want to just end it, triggering reinitiation, but we would want some intervention (like call us to reduce), other times a "target" will be exceeded - but take won't be exceeded until the target is missed a certain number of days in a year or number of years, etc.

If you are still struggling to identify/define a surrogate or when it is exceeded, float the question with this group and maybe someone can help.

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

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