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**From:** Naseem Alston - NOAA Federal <naseem.alston@noaa.gov>  
**Sent:** Tuesday, May 28, 2019 9:35 AM  
**To:** Brian Ellrott - NOAA Federal  
**Cc:** Cathy Marcinkevage - NOAA Federal; Yip, Garwin  
**Subject:** Re: Shasta Work

we talk about the uncertainty in the effects analysis.  
and with uncertain, we make our assumptions (based on stuff), so that once it is I&S it is included as assumed.

I do think that Shasta by far had the most, but there were lots of smaller assumptions too throughout...

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On Tue, May 28, 2019 at 8:53 AM Brian Ellrott - NOAA Federal <[brian.ellrott@noaa.gov](mailto:brian.ellrott@noaa.gov)> wrote:  
Yeah, that language works for me too. Thanks Naseem.

I don't think we need to shy away from saying there is uncertainty where we are uncertain, but I think I'm in the minority there.

Thanks for making the changes, Cathy.

On Tue, May 28, 2019 at 9:49 AM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

That's fine with me. I'll change the shasta tables in I&S. Are there similar issues for other divisions? And should we also make educated judgements calls on other columns?

Trying to get this right bc I'm pretty sure we don't want "uncertain" in any of these entries but the message got lost somewhere and there definitely are a lot for Shasta.

**Cathy Marcinkevage**  
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On May 27, 2019, at 11:05 PM, Naseem Alston - NOAA Federal <[naseem.alston@noaa.gov](mailto:naseem.alston@noaa.gov)> wrote:

In my opinion - for ALL actions we are not going to give take, don't have enough details, had some uncertainties and make some assumptions for general effects expected - we start with "Framework-level action component" instead of "uncertain. programmatic action component"

This will also be greatly helpful for us to track to ITS.

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On Mon, May 27, 2019 at 10:42 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Ok, I'm looking at I&S tables for WR (and the other species) for Shasta. There are some "individual response and effect" column entries -- and for other columns -- that start with "uncertain" but then have an explanation. Are we 1) gearing towards not having the word "uncertain" in here at all **OR** 2) ok with it like this example for the small screen program:

"Uncertain. Programmatic action component. Operation of installed fish screens are assumed to comply with NMFS and CDFW fish screening guidance. Reduced entrainment into unscreened diversions and minimized potential for injury caused by impingement."

I'm a bit behind the game in this but also though that Evan had it under control. I'm doing a check of his work since he's out and maybe I don't have the mark of what I'm checking for.

So I'm looking for the definitive word, and I'll change these to what they need to be (but probably not until Tues night).

Thanks -  
Cathy

On Mon, May 27, 2019 at 11:57 AM Naseem Alston - NOAA Federal <[naseem.alston@noaa.gov](mailto:naseem.alston@noaa.gov)> wrote:

sounds like you carried it through, so I can take a quick look at the conclusions throughout if you want.

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On Sun, May 26, 2019 at 11:00 PM Cathy Marcinkevage - NOAA Federal

<[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

did you do all you need to in that? I reviewed your previous comments and revisions and Evans responses, if it was a case where one was warranted. I also inserted the framework level text a few more times where it seemed to be missing.

I by no means did a start to finish review, but I did look specifically at your review and his response. Let me know if there is more.

I guess I'll do it Monday or Tuesday!

--

**Brian Ellrott**

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