
From: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>
Sent: Thursday, March 7, 2019 12:51 PM
To: J. Stuart
Cc: Alston, Naseem; Garwin Yip - NOAA Federal
Subject: Fwd: Stressors for EFFECTS section (ROConLTO)

Jeff -- As discussed at the ROConLTO check-in meeting, please take a look at the "Table-list of RP stressors" doc and add in any additional bullets that might be helpful for the Central Valley effects drafters. The bullets don't need to be exhaustive, as we'll introduce the bulleted list with something like "substressors may include, but are not limited to, the bulleted examples."

Please share with me and Naseem by COB today.

Thanks!

----- Forwarded message -----

From: Naseem Alston - NOAA Federal <naseem.alston@noaa.gov>
Date: Wed, Mar 6, 2019 at 10:53 AM
Subject: Stressors for EFFECTS section (ROConLTO)
To: Barb Byrne <barbara.byrne@noaa.gov>, Garwin Yip <Garwin.Yip@noaa.gov>
Cc: Cathy Marcinkevage <cathy.marcinkevage@noaa.gov>

Hi Garwin and Barb,

At the "stressor" meeting Monday, we talked about using the 15 Primary Stressors identified in the CV salmonid recovery plan, as our overarching stressor list - for the Effects of the PA writers to use.

At the start of each division section, would be a table of the list of 15, indicating which ones would be affected by the PA, breaking it down into the components of that division (from the deconstructed action figure), then discussion/analysis following.

To help folks get started, I put together a table, and included some brainstormed specific effects of the PA that would likely be discussed/analyzed (depending on the division).

see attached "Table-List"

(this could definitely be further thought out - maybe Jeff could help? before sending out - or to be updated along the way?)

Also attached:

"Primary Stressor categories as defined in the RP"

(for folks to be clear what is meant for each)

and

"Stressor descriptions" from CWF effects section.

- We talked about this at the meeting as well - these are general discussions about a particular stressor and how it affects fish/habitat (temperature, redd scour - with best available citations). The thought was to avoid redundancy, the first section to discuss it will include these details, the following ones would refer back. These

are not the same as the list of 15 stressors, these are the subsections for specific effects (and I only pulled out 7 that would likely be applicable).

QUESTION FOR GARWIN: Barb wondered whether we need these types of descriptions in the biop. These types of discussions are typically included to justify (back-up) our effects conclusions, so likely important. However, how much might we be able to refer to the recovery plan as appropriate, to save time?

Final NOTE: these 15 stressors are potentially CV salmonid specific. Barb and I have talked about a plan for the other species.

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