
From: Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>
Sent: Friday, May 24, 2019 9:41 AM
To: Rosalie del Rosario - NOAA Federal
Cc: Garwin Yip - NOAA Federal; Howard Brown; Cathy Marcinkevage; Brian Ellrott
Subject: Re: ROC on LTO draft BiOp revised I&S sections for QA/QC review/clearance

Hi Rosalie,

From what I've heard thus far changes to the effects sections are not going cause any significant changes to the I&S sections beyond the stressor tables. There may be revisions to the I&S sections after we receive BOR comments on Tuesday, so that could be a good time to plug in. I'm not sure what review sequence will leave enough time for your clearance review prior to peer review.

-Joe

On Fri, May 24, 2019 at 9:18 AM Rosalie del Rosario - NOAA Federal <rosalie.delrosario@noaa.gov> wrote:
Hi Again,

I understand from Howard that folks are still revising various effects sections to address comments, which means the I&S sections may be undergoing another set of revisions. Howard and I agree that I should wait to receive the updated I&S sections that reflect the updated effects sections. So I'll hold off on reviewing I&S until the next round.

Thanks,
Rosalie

On Fri, May 24, 2019 at 6:59 AM Rosalie del Rosario - NOAA Federal <rosalie.delrosario@noaa.gov> wrote:
Thanks Garwin. Can you please send winter run I&S because it looks like there are instead two versions of spring-run I&S attached.
Secondly, I will assume each version incorporates changes/updates to the effects sections to date (i.e., comments from BOR, etc), right?

Will get started on my reviews now.
Rosalie

On Fri, May 24, 2019 at 1:55 AM Garwin Yip - NOAA Federal <garwin.yip@noaa.gov> wrote:
Rosalie,

Per your request, attached are the revised WR, SR, steelhead, and green sturgeon I&S sections for your review and clearance.

The track changes are a bit...colorful, but then you can see the changes, and how we addressed your comments.

-Garwin-

Garwin Yip

Water Operations and Delta Consultations Branch Chief

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On Fri, May 10, 2019 at 3:45 PM Rosalie del Rosario - NOAA Federal <rosalie.delrosario@noaa.gov> wrote:

Hi Garwin and Team,

Some comments on the I&S sections for winter run, spring run, steelhead, and sturgeon. I'd like to take a quick look at the revisions before they go for peer review.

Thanks,
Rosalie

On Mon, May 6, 2019 at 11:43 PM Garwin Yip - NOAA Federal <garwin.yip@noaa.gov> wrote:
All,

Attached are clean versions of the yellow-highlighted sections.

1 Introduction:

1.1 Background [Garwin (C) drafted; Barb reviewed]

1.2 COA [Garwin (C) drafted; Barb reviewed]

1.3 Key consultation considerations [Garwin (C) drafted; Barb, Cathy, Howard reviewed]

1.4 Consultation history [Brittany drafted based on initiation memo; Garwin reviewed]

1.5 Proposed Federal Action [Evan drafted; Howard, Amanda, Barb, Naseem, Garwin (C) reviewed]

2.1 Analytical approach [Evan and Cathy drafted; Howard, Naseem (C), Rosalie (C), Chris (C), Maria, Garwin (C) reviewed]

2.2 Status of the species and CH [Brittany and Page drafted; Barb, Amanda, Chris (C), Naseem, Garwin reviewed (C)]

2.3 Action Area [Evan drafted; Barb, Naseem (C), Rosalie (C), Garwin (C) reviewed]

2.4 Environmental Baseline [Brian drafted; Page, Naseem (C), Brian, Rosalie, Chris, Garwin (C) reviewed]

2.5 & 2.6 Effects of the Action on species and CH

Stressor introductions [Evan, Stephen, Kate drafted]

American River Division [Brian drafted; Brittany revised, Garwin reviewed x 2]

Clear Creek [Sarah drafted; Brittany revised, Garwin reviewed x 3]

Shasta Division [Evan drafted; Cathy revised x 3, Garwin reviewed x 3, Maria & Rosalie reviewed]

East Side Division [Barb drafted; Kristin revised, Garwin reviewed x 2]

Delta Division [Jeff drafted; Barb revised, Maria reviewed, Garwin reviewed x 2]

SRKW [Dan drafted; Jeff and Barb reviewed]

Chinook salmon analysis [John Hannon drafted; Dan, Jeff, Barb reviewed]

Climate change [Cathy drafted; Garwin reviewed]

Benefits of ongoing restoration to include in multiple sections [Naseem drafted; Garwin (C) reviewed]

2.5.9 Life cycle model results [Cathy drafted; Evan revised]

2.7 Cumulative effects [Brittany drafted, Garwin (C) reviewed]

2.8: Integration and Synthesis

Winter-run Chinook salmon [Brian drafted; Howard, Cathy, Naseem, Evan, Rosalie reviewed]

CV spring-run Chinook salmon [Brian drafted; Barb, Cathy, Kristin, Naseem, Evan reviewed]

CCV steelhead [Joe drafted; Barb, Sarah, Jeff, Rosalie, Garwin reviewed]

sDPS green sturgeon [Joe drafted; Rosalie, Garwin reviewed]

-Garwin-

Garwin Yip

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