
From: Steve Zeug <stevez@fishsciences.net>
Sent: Friday, June 14, 2019 1:16 PM
To: Greenwood, Marin; Cathy Marcinkevage - NOAA Federal
Cc: Ellis, Gregg; Meyer, Cynthia; Callejo, Russell; Howard Brown; Garwin Yip
Subject: RE: DPM results

I am happy to help as well

From: Greenwood, Marin <Marin.Greenwood@icf.com>
Sent: Friday, June 14, 2019 12:19 PM
To: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>; Steve Zeug <stevez@fishsciences.net>
Cc: Ellis, Gregg <Gregg.Ellis@icf.com>; Meyer, Cynthia <cameyer@usbr.gov>; Callejo, Russell <rcallejo@usbr.gov>; Howard Brown <howard.brown@noaa.gov>; Garwin Yip <garwin.yip@noaa.gov>
Subject: RE: DPM results

Thanks, Cathy – based on my earlier review of the draft BiOp, the necessary changes seem like they should be limited to relatively few sections of the document. Please let us know how we can assist.

MARIN GREENWOOD | marin.greenwood@icf.com | **ICF** | +1.530.400.8081 mobile

From: Cathy Marcinkevage - NOAA Federal [<mailto:cathy.marcinkevage@noaa.gov>]
Sent: Friday, June 14, 2019 11:54 AM
To: Steve Zeug <stevez@fishsciences.net>; Greenwood, Marin <Marin.Greenwood@icf.com>
Cc: Ellis, Gregg <Gregg.Ellis@icf.com>; Meyer, Cynthia <cameyer@usbr.gov>; Callejo, Russell <rcallejo@usbr.gov>; Howard Brown <howard.brown@noaa.gov>; Garwin Yip <garwin.yip@noaa.gov>
Subject: Re: DPM results

Steve and Marin --

Thanks for letting us know about this error. As you probably know, we have largely completed our analysis of the previous results, and given the timeline for this consultation, a late hit of changes in results is challenging to fold into our work.

I've done some recon but am checking with our team to see if there is a way that you could help us in working this change into our revisions. I'd like to think that ICF/Cramer could be available to assist so that we can expedite our inclusion of the correct information and not have it put additional burden on our already-taxed team.

I'll be in touch.

Thanks -
Cathy

On Fri, Jun 14, 2019 at 11:46 AM Steve Zeug <stevez@fishsciences.net> wrote:

The revised DPM plots and summaries have been uploaded to the Google Drive site. Let me know if you have any questions.

Steve

From: Steve Zeug
Sent: Friday, June 14, 2019 9:27 AM
To: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>
Cc: Greenwood, Marin <Marin.Greenwood@icf.com>
Subject: DPM results

Hi Cathy-

Marin identified an error in the water year classification in the DPM results. The data are all correct but shifted by one year. This occurred because there are actually 81 water years in the hydro data set. I'll upload new summaries to the Google site as soon as they are ready.

Steve

Steven Zeug, Ph.D., Senior Scientist

stevez@fishsciences.net

Office (530) 240-6237

Cell (530) 906-2958

