From: J. Stuart - NOAA Federal <j.stuart@noaa.gov>

Sent: Tuesday, May 28, 2019 6:24 AM **To:** Barbara Byrne - NOAA Federal

Cc: Garwin Yip - NOAA Federal; Cathy Marcinkevage; Howard Brown

Subject: Re: Perry DCC stuff

Attachments: 2019 Perry Survival Model Write up.docx; Figures for Perry Modeling.docx

Morning Barb,

Here is the Perry Survival model write up and the figures that go along with it. Perhaps it is better that you drop them in behind the DPM and WRLCM sections of the Delta section while you are working on the document. There is a "place holder" for the Perry write up already there. I think we can just drop the figures in at the end of the document and adjust the numbering later. Susan will probably give the evil eye. The text and figures have specific labeling that will allow the reader to look at the correct figure. When you are done with the document and it is ready for me to look at it, give me the green light and I'll pull a copy on to my desk top to work on. That way others can also have their own copies to work on at the same time. If that doesn't work for folks, shoot me an email and we'll figure out an alternate plan.

Jeff

On Mon, May 27, 2019 at 6:55 PM J. Stuart - NOAA Federal < j.stuart@noaa.gov > wrote:

Finishing up the Perry Survival Analysis. The modeling done for the survival study has the DCC opening more frequently Oct and Nov due to the way the flows at Wilkins Slough behave under the two scenarios. It is an "artifact" of the modeling rules. It also has changes in routing and travel times that are linked to the changes in Delta inflow. I will include a section at the end that puts caveats on the modeling as being an artificial situation and that real time monitoring may be able to reduce the reduction in through Delta survival through directed actions when fish are detected entering the Delta. Like you I getting too tired to be fast and efficient at this point. My writing output is getting really slow. I am writing it as a plug in section, but it also has graphics with it that is probably going to screw up Susan's numbering for the Delta section.

On Mon, May 27, 2019 at 6:28 PM Barbara Byrne - NOAA Federal < barbara.byrne@noaa.gov > wrote: Jeff, I am adjusting some of the DCC text based on the 5.21 meeting (to acknowledge the PA changes discussed then) and wonder how the Perry stuff/fall openings fits in. Are you dropping in a separate section of Perry routing/survival analysis? The DCC ops was one of the "targeted elements" due to Reclamation on Tuesday; think maybe we can just send over the revised existing section, plus your new Perry results section, as a combo item.

Does that seem right?

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Barb Byrne

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