From: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>

Sent: Tuesday, February 26, 2019 10:37 AM

To: Dan Lawson - NOAA Federal; Garwin Yip - NOAA Federal

Subject: Re: Chinook production modeling

Dan, I'm looping in Garwin for his help and advice on your questions. I think that we've been thinking of assigning our EFH evaluation to the "loaned" Reclamation staff from the Bay Delta office. My recommendation in an ideal world, if we can get some time from John Hannon (at Reclamation's Bay Delta Office), is that he help you with the Chinook analysis. John did that analysis for us in the 2009 BiOp and he has been around the CV and water ops and restoration for a long time.

Garwin, what are your thoughts on Dan's very reasonable request for a "CV co-lead"?

On Tue, Feb 26, 2019 at 10:18 AM Dan Lawson - NOAA Federal < dan.lawson@noaa.gov > wrote: Hi Barb

Before I launch into contact with folks from the Reclamation, I thought it might be useful to circle around a couple of questions. As I have been saying all along, I'm going to need help from a CV salmon biologist(s) to help work through any analysis, and particularly any modeling efforts, of impacts to Chinook of any/all sorts. It would seem that whomever will be providing that key assistance should be a part of any/all of the discussion about total Chinook productivity and effects from the proposed action. Otherwise I am afraid I might go around in circles with Reclamation in an unproductive manner without an educated sense of what can be done, and what it is that will be doing. Do we know who this might be?

Perhaps directly related, do we know who will be working on the EFH portion of the consultation? This might be the most logical connection for me to partner with.

Dan

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

From: **Howard Brown - NOAA Federal** < howard.brown@noaa.gov >

Date: Mon, Feb 25, 2019 at 12:52 PM Subject: Chinook production modeling

To: Joshua Israel (jaisrael@usbr.gov) <jaisrael@usbr.gov> Cc: Dan Lawson - NOAA Federal <dan.lawson@noaa.gov>

Josh and Katrina,

Following up after last Friday's resolution on Chinook production modeling to support the killer whale analysis. Dan Lawson, who is conducting the SRKW analysis, needs that information to start the effects analysis. Our team is on a 30-day schedule to finish the effects analysis, so time is critical on getting the information to Dan. Perhaps this is a good time to plug John Hannon into to help. I have included Dan on this email to help connect him with your folks and John.

Thank you! Howard --

Howard L. Brown

Senior Policy Advisor NOAA Fisheries, West Coast Region U.S. Department of Commerce (916) 930-3608 Howard.Brown@noaa.gov



www.westcoast.fisheries.noaa.gov

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Dan Lawson NMFS Protected Resources Division West Coast Region 7600 Sand Point Way NE, Bldg 1 Seattle WA 98115 206-526-4740

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Barb Byrne

Fish Biologist
NOAA Fisheries West Coast Region
U.S. Department of Commerce
Office: 916-930-5612
barbara.byrne@noaa.gov
California Central Valley Office
650 Capitol Mall, Suite 5-100
Sacramento, CA 95814



Find us online

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