

Barbara Byrne - NOAA Federal

From: Barbara Byrne - NOAA Federal
Sent: Friday, June 14, 2019 10:21 AM
To: Kristin Begun - NOAA Affiliate
Subject: Re: East Side ITS section

thoughts in blue. call if you want.

On Fri, Jun 14, 2019 at 9:56 AM Kristin Begun - NOAA Affiliate <kristin.begun@noaa.gov> wrote:

Hi Barb,

We had a group discussion about the ITS section yesterday. We briefly discussed how to handle take for Stanislaus and San Joaquin effects. I need to edit the tables so that they don't mention temperature compliance at locations we don't have temperature gauge data for.

I could either move SJR compliance points downstream to where there are gauge locations (Ripon/Vernalis/Mosssdale) **alert -- Ripon is on the Stan, not the SJR** and keep just OBB location on the Stanislaus, OR change take to cover average monthly temps in the modeling tables, maybe incorporating exceedance percentiles (can exceed X% of year?) and if exceeded what action to take to reduce rather than instantly triggering reinitiation **not sure how these are alternates -- wouldn't you use the locations with temp gauges to compare to modeled output at those locations?**. We could also add a T&C that Reclamation shall develop a temperature profile model for GDW to OBB and Knights Ferry to OBB **I think I have a draft T&C for developing a temp tool...was thinking of it as a way to clarify the temp model conservation measure but might be close to what you are thinking of...**.

What do you think of those options?

Kristin Begun | Biologist

Contractor with Lynker Technologies, LLC
Water Operations and Delta Consultations Branch
NOAA Fisheries West Coast Region
kristin.begun@noaa.gov

On Thu, Jun 13, 2019 at 9:17 AM Kristin Begun - NOAA Affiliate <kristin.begun@noaa.gov> wrote:

Hi Barb,

1. The east side effects section still have some track changes that need to be accepted so we can get a clean version on the server today. Track changes are mostly mine and Susan formatted some tables. Most major edit was updating the temporal occurrence table for adult steelhead, and changing related text to "year round" which we discussed. Do you have time to look through or do you want me to accept and make a "clean" version?

2. Are there temperature compliance points on the Stanislaus River? Our ITS language (which is borrowed from the 2009 BO) includes ecological surrogates based on temperature (different for

different life stages) at OBB, GDW, and SJR @ the confluence of Stanislaus. Quickly looking at CDEC, I do not see temperature data for GDW or SJR at Stanislaus. There is temp data at Mossdale, but that's the downstream extent. I suppose I could change the location, but if the requirement is no warmer than 65 degrees F (for juveniles) at the Stanislaus confluence, I'm not sure what temp should be the max at Mossdale. I suppose we could keep it at 65 degrees and hope it doesn't get much hotter than that upstream at times when fish are migrating. Any thoughts?

Thanks!
Kristin

Kristin Begun | Biologist

Contractor with Lynker Technologies, LLC

Water Operations and Delta Consultations Branch

NOAA Fisheries West Coast Region

kristin.begun@noaa.gov

--

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

www.westcoast.fisheries.noaa.gov

