
From: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>
Sent: Monday, March 4, 2019 12:11 PM
To: John Hannon
Cc: Dan Lawson - NOAA Federal; Garwin Yip; Howard Brown; Barbara Byrne
Subject: Salmon Analysis for SRKW for CWF
Attachments: FallLateFall_DeltaMigration_CWF_Final_BiOp.pdf;
SRKW_Section_NMFS_CWF_Final_BiOp.pdf; FallLateFall_Scour_CWF_Final_BiOp-2.pdf

John --

To follow up on our conversation on Thursday, I'm sending the sections from the NMFS CWF BiOp that show examples of fall/late-fall run analysis for two of the many "stressors" that we identified in CWF (redd scour and delta migration). There are a lot of plots! We had similar levels of analyses for the other runs for these stressors, and many more. I don't know that we'll have exactly the same level of detail for this consultation, but it seems we'd be doing a similar type of analyses using the same/similar tools.

I've also attached the SRKW section from the CWF BiOp so that you can see how Dan took the more detailed info from the salmon effects analysis sections and wrapped them together to get to what it meant for SRKW prey base.

As for where we are now...I think that our drafting team, which is arranged by division (i.e., Shasta/Upper Sac, American, Trinity, Delta, etc.), will be focusing on the listed species. Where I personally think that you can most effectively plug in is to help us determine the best way to do a fall/late fall analysis to support what is needed for SRKW, and to provide that. But I'll let you take a look at some of these things and do some recon, too.

We're set to talk again on Thursday, so chat then.

Thanks!
Cathy