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**From:** Hilts, Derek <derek\_hilts@fws.gov>  
**Sent:** Friday, March 29, 2019 6:53 AM  
**To:** Maria.rea@noaa.gov; cathy.marcinkevage@noaa.gov; garwin.yip@noaa.gov;  
evan.sawyer@noaa.gov; howard.brown@noaa.gov  
**Cc:** cc: Jana Affonso; Kaylee Allen; Matt Nobriga; Li-Ming He  
**Subject:** Re: [EXTERNAL] Re: Summary of info provided to NMFS for ROConLTO

Maria,

It's very heartening that you are actually looking at the material I sent. It's disheartening to see you are right - I inadvertently pasted June Keswick releases a second time instead of pasting July releases. Sorry about that. I fixed that in the attached updated (20190329) document.

Thanks.

Derek

Derek Hilts M.S., P.E.  
US Fish and Wildlife Service  
650 Capitol Mall Room 8-300  
Sacramento, California 95814  
Work desk phone 916.930.5633

On Thu, Mar 28, 2019 at 4:12 PM Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)> wrote:

Derek - - This is extremely helpful! On review, it looks like you might have cut and pasted the June chart in twice, where you intended to enter the July chart...

This is super helpful.

- Maria

Sent from my iPad

On Mar 28, 2019, at 3:53 PM, Hilts, Derek <[derek\\_hilts@fws.gov](mailto:derek_hilts@fws.gov)> wrote:

Maria, [et.al.](#),

After looking into the modeling further, I realize the new CalSimII logic to reduce standards (mimicking TUCPs) was NOT turned on in the COS and PA simulations of the ROC on LTO modeling. I've amended my summary document (attached) to properly delete references to that logic and added the observation that Sacramento River Settlement Contractor deliveries are significantly reduced from the level in the CWF CalSimII simulations.

Derek

Derek Hilts M.S., P.E.  
US Fish and Wildlife Service  
650 Capitol Mall Room 8-300  
Sacramento, California 95814  
Work desk phone 916.930.5633

On Wed, Mar 27, 2019 at 8:47 AM Hilts, Derek <[derek\\_hilts@fws.gov](mailto:derek_hilts@fws.gov)> wrote:

The attached summary is a compilation of email contents sent to NOAA, primarily regarding Shasta Temperature Operations in the ROConLTO modeling. The very last item is regarding yeartyping for the Stanislaus River.

Derek

Derek Hilts M.S., P.E.  
US Fish and Wildlife Service  
650 Capitol Mall Room 8-300  
Sacramento, California 95814  
Work desk phone 916.930.5633

<Summary of ROConLTO Information provided to NOAA from Derek  
Hilts\_v20190328.docx>