From: Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>

**Sent:** Thursday, May 9, 2019 2:43 PM **To:** Cathy Marcinkevage - NOAA Federal

**Cc:** Howard Brown

**Subject:** Re: MARIA'S SHASTA ITEMS on Oroville and Yolo

## Hmmm, stumped.

- -- Seems like Maria didn't have time to elaborate on her comments, and that doesn't help us.
- -- Very surprising that she identified one of the largest effects of Shasta, granted, it's not the largest, but if that's the case, not just "I've commented on this before," but help us out.

-Garwin-

Garwin Yip

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On Thu, May 9, 2019 at 9:50 AM Cathy Marcinkevage - NOAA Federal <<u>cathy.marcinkevage@noaa.gov</u>> wrote:

Some surpirsing comments from Maria. See below, and if you want context look at her 11:30 pm email from last night with Shasta V11 attached.

Maybe we can chat about these briefly at 10.

Looking at her markup with tracks ON:

p. 4. "Note that somewhere there needs to be a connection between operations at Shasta and Oroville and effects of flows on access to flood plains (Yolo and North); this is important part of what we need to analyze and create linkage to the Yolo project, and other effects on flood plain access/quality. Is this in some other section? Keep in mind that Effects of Oroville operations in FERC Biop stop at confluence of feather and Sacramento. Effects of Oroville flows on flood plain access and Delta are supposed to be analyzed in this opinion, If you think you don't have time for this, see me and we will work on some solution together opinion."

Later on P. 4 in table: "Why don't minimum flows in the winter and spring adversely affect floodplain habitat? I've commented on this before. Its seems like with this table we are missing one of the largest effects of Shasta (and Oroville, wherever that is analyzed)."