Sent: Tuesday, May 21, 2019 5:04 PM

To: Garwin Yip - NOAA Federal; Ellrott, Brian; Joe Heublein - NOAA Federal

Cc: Howard.Brown; Cathy Marcinkevage; J. Stuart

Subject: Check-in on Byrne edits to I&S

I still have three outstanding items to update in the I&S sections, however I heard from Maria and Howard this afternoon that the priority was to work on salvage measures and it would be okay to send the I&S sections to Reclamation without these updates.

Pending updates:

- 1. scrub "advection" and make sure routing language mirrors SST report (Maria comment flagged to me by Brian last week)
- 2. loss estimates
- 2. population context (summary provided below based on corrected loss numbers; may be further refinements to pop estimates based on Reclamation feedback today)

Spring-run loss as fraction of the population:

COS: <1 to 1%

PA: <1 to 2% (was <1 to 5% in our presentation; based on incorrect loss numbers)

Steelhead loss as fraction of the population:

COS: 1 to 7%

PA: 1 to 8% (was 5 to 32% in our presentation; based on incorrect loss numbers)

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