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**From:** Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>  
**Sent:** Tuesday, May 21, 2019 5:03 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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