

From: [Benkert, Ronald C \(DFG\)](#)
To: [Owen, Samantha](#)
Cc: [Brekken, Josh M \(DFG\)](#)
Subject: RE: Instream Flow Comments
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Hi Samantha, sorry I didn't get these comments off to you until today, but here you go. If the model calibration results are available, we would like to take a look at those as well. Let me know if you have any questions.

Comments on Eklutna Instream Flow Tech Memo Draft (dated Sept 28, 2022)

In general, it appears the study to-date was well conducted but cannot be confirmed without a review of the model calibration results. We reviewed the HSC Technical Memo and draft Instream Flow report, but did not perform an extensive review.

Following are general comments:

- Accepted data collection and modeling techniques were cited and used.
- Agree w report to give spawning life stages higher preference for result interpretations. There is greater variability with juvenile results and thus results/interpretations should account for this uncertainty.
- Meso-habitat mapping is a robust sampling strategy for instream flow/hydrologic studies.
- Appears an appropriate number of transects were used that should provide a good representation of hydraulic conditions.
- Concur w decision to normalize Flow-habitat results; makes it more straightforward to review, compare, and discuss results.
- Use of 4 flow levels w 3 release options provide good range for evaluation of alternatives by decision makers.
- Good to see Time Series Analysis and Habitat Duration Curves (not always done) – this can provide important insights and comparison w baseline conditions.

Thanks,

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