

Memorandum

To: Wells, Rocky Reach, and Rock Island HCP Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: June 21, 2021

From: Larissa Rohrbach, Anchor QEA, LLC

cc: Tracy Hillman, HCP Hatchery Committees Chairman and PRCC Hatchery Subcommittee Facilitator

Re: Final Action Item Summary from the June 16, 2021, HCP Hatchery Committees and PRCC Hatchery Subcommittee Meetings

The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans Hatchery Committees (HCP-HCs) and Priest Rapids Coordinating Committee Hatchery Subcommittee (PRCC HSC) meetings were held by conference call and web-share on June 16, 2021, from 9:00 a.m. to 1:00 p.m. The action items include the following:

Action Item Summary

Joint HCP-HCs and PRCC HSC

Long-term

- Greg Mackey will work with Mike Tonseth to test a modeling approach and prepare a white paper on the method for determining a range for the number of females to be collected for a given broodstock in the upcoming year (Item I-A). *(Note: this item is ongoing; expected completion by August.)*
- Greg Mackey will prepare a plan for alternative mating strategies based on findings described in his previously distributed literature review (Item I-A). *(Note: this item is ongoing; expected completion by July.)*
- Mike Tonseth will distribute the analysis showing feasibility of the Methow Spring Chinook Salmon Outplanting plan based on historic run-size data (Item I-A). *(Note: this item is ongoing; expected completion by September.)*
- Kirk Truscott will work with Colville Confederated Tribe (CCT) staff to develop a model that addresses the probability of encountering natural-origin Okanogan River spring Chinook salmon at Wells Dam (Item I-A). *(Note: this item is ongoing; expected completion by September.)*
- Kirk Truscott will determine the number of scales that should be collected from spring Chinook salmon at Wells Dam for elemental signature analysis to discern Okanogan River spring Chinook salmon from Methow River spring Chinook salmon (Item I-A). *(Note: this item is ongoing; completion depends on the outcome of the previous action item.)*

- Keely Murdoch and Mike Tonseth will obtain estimates of pre-spawn mortality from Andrew Murdoch to update the retrospective analysis for Wenatchee spring Chinook salmon (Item I-A). (Note: this item is ongoing; expected completion by August.)

Near-term (to be completed by next meeting)

- Mike Tonseth and Greg Mackey will solicit input from hatchery managers on effective methods to count surplus fish (Item I-A). (Note: this item is ongoing.)
- Tracy Hillman will request a decision from Kirk Truscott on whether he approves the updated *Statements of Agreement on No Net Impact Recalculation Methodology* (Item II-A).
- Tracy Hillman will request agreement from Kirk Truscott on using data from 2011 through 2020 as the basis for No Net Impact (NNI) recalculations (Item II-B).
- Todd Pearsons and Rod O'Connor (Grant PUD) will compile data from 2011 through 2020 to be used for NNI recalculations, for distribution prior to the July meeting (Item II-B).
- Larissa Rohrbach will file 10-year Comprehensive Review chapters as they are completed by lead authors and distribute them to Committees for review in weekly batches (Item II-C).
- Brett Farman will contact Mike Haggerty and Craig Busack (National Marine Fisheries Service) for their responses to a set of prepared questions from the Committees and request their participation in a future meeting on the appropriateness of the existing Proportionate Natural Influence Model for spring Chinook salmon programs in the Wenatchee Basin (Item II-D).
- Larissa Rohrbach will obtain past meeting minutes on discussions of the 2010 Statements of Agreement on PUD funding and mitigation credit for the Skaha and Okanagan Lakes sockeye salmon hatchery and reintroduction programs (Item II-E).
- Todd Pearsons will add to the background information of Grant and Chelan PUD's draft Statements of Agreement on Sockeye Salmon Obligation to provide more context on original mitigation credit agreements (Item II-E).

Rock Island/Rocky Reach HCP-HCs

- None.

Wells HCP-HC

- None.

PRCC HSC

- None.

Decision Summary

- Approval by the HCP-HCs and PRCC HSC of the updated *Statements of Agreement on No Net Impact Recalculation Methodology* is pending CCT response.

Agreements

- Agreement of the HCP-HCs and PRCC HSC to use data from 2011 through 2020 as the basis for NNI recalculations is pending CCT response.

Review Items

- The *Monitoring and Evaluation of the Chelan and Grant County PUDs Hatchery Programs Draft 2020 Annual Report* was distributed by Larissa Rohrbach on June 18, 2021, for 30-day review, with comments and edits due to Tracy Hillman by Thursday July 15, 2021.
- A list of questions for National Marine Fisheries Service on modeling Wenatchee spring Chinook Salmon Proportionate Natural Influence was distributed by Larissa Rohrbach on June 18, 2021, for review, with comments due to Brett Farman by Wednesday June 23, 2021.

Finalized Documents

- The updated *Statements of Agreement on No Net Impact Recalculation Methodology* will be finalized and distributed, pending CCT approval.