

Memorandum

To: Wells, Rocky Reach, and Rock Island HCP Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: April 26, 2021

From: Larissa Rohrbach, Anchor QEA, LLC

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

Re: Revised Action Item Summary from the April 21, 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 April 21, 2021, from 9:00 a.m. to 12:00 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 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 CCT staff to develop a model that addresses the probability of encountering natural-origin Okanogan River spring Chinook 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 at Wells Dam for elemental signature analysis to discern Okanogan River spring Chinook from Methow River spring Chinook (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.)*
- Catherine Willard and Todd Pearsons will distribute final versions of the Statements of Agreement (SOAs) with Chelan PUD and Grant PUD on the success of the Okanagan Sockeye Salmon Reintroduction Program (Item II-A).
- Members of the HCP-HCs and PRCC HSC will review the information presented by Brett Farman on Multi-population Proportionate Natural Influence (PNI) in the Wenatchee Subbasin to better define the intent of the PNI calculation and develop questions for model developers Mike Ford and Craig Busack (NMFS), for discussion in the next meeting (Item II-B).
- Mike Tonseth will update the HCP-HCs on spring Chinook passage and tagging activities at the Priest Rapids Dam Off-Ladder Adult Fish Trap (Item II-C).

Rock Island/Rocky Reach HCP-HCs

- None.

Wells HCP-HC

- None.

PRCC HSC

- None.

Decision Summary

- The Chelan PUD's and Grant PUD's SOAs *Regarding the "Success" of the Okanagan Sockeye Salmon Reintroduction Program* relative to mitigation goals were unanimously approved by the Rock Island/Rocky Reach HCP-HCs and PRCC HSC.
- The 2021-2022 Priest Rapids Hatchery Monitoring and Evaluation Implementation Plan was unanimously approved by the PRCC HSC.

Agreements

- No agreements were approved in today's meeting.

Review Items

- A presentation on approaches to calculating multi-population PNI in the Wenatchee Subbasin presented by Brett Farman was distributed by Larissa Rohrbach on April 26, 2021 for review and discussion in the next meeting on May 19, 2021 (Item II-B).
- A summary of the past methodology for recalculating hatchery compensation levels presented by Tracy Hillman was distributed by Larissa Rohrbach on April 26, 2021 for review and discussion in the next meeting on May 19, 2021 (Item II-E).
- The draft 2022 Grant PUD Hatchery Monitoring and Evaluation Implementation Plan for the Wenatchee and Methow Basins was distributed by Larissa Rohrbach on April 14, 2021, with edits and comments to be sent to Todd Pearsons by May 14, 2021 (Item III-B).

Finalized Documents

- Final versions of the Chelan PUD's and Grant PUD's *SOAs Regarding the "Success" of the Okanagan Sockeye Salmon Reintroduction Program* will be distributed to the HCP-HCs and PRCC HSC by Catherine Willard and Todd Pearsons during the upcoming month.
- The final *2021-2022 Priest Rapids Hatchery M&E Implementation Plan* was distributed by Larissa Rohrbach to the PRCC HSC on April 26, 2021.