

Memorandum

To: Wells, Rocky Reach, and Rock Island HCP Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: May 19, 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 May 19, 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 May 19, 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.)*
- Brett Farman will contact Mike Ford and Craig Busack (NMFS) to receive input on the appropriateness of the existing Proportionate Natural Influence Model for spring Chinook salmon programs in the Wenatchee Basin (Item III-D).
- The Chelan, Douglas and Grant PUD representatives will update the original 2013 SOA on No Net Impact Recalculation Methodology for approval in next month's meeting (Item III-D).
- Todd Pearsons will draft a review schedule for the 10-year Comprehensive Monitoring and Evaluation Report for distribution prior to next month's meeting (Item III-E).
- Douglas PUD and USFWS will document the logistics within the week for collection of spring Chinook broodstock at Wells Dam and potential holding, spawning, identification and disposition of eggs or juveniles for review by NMFS to ensure alignment with existing permits (Item III-F).

Rock Island/Rocky Reach HCP-HCs

- None.

Wells HCP-HC

- None.

PRCC HSC

- None.

Decision Summary

- The draft *2022 Grant PUD Hatchery Monitoring and Evaluation Implementation Plan for the Wenatchee and Methow Basins* was unanimously approved by the Rock Island/Rocky Reach HCP-HCs and PRCC HSC.

Agreements

- All members of the HCP-HCs and PRCC HSC agreed with a recommendation from Megan Finley, veterinarian overseeing Eastbank Hatchery programs (WDFW Fish Health), to refrain from inoculating adult spring Chinook broodstock with prophylactic antibiotics for bacterial kidney disease for 3 years based on low disease prevalence over the past 3 years.

Review Items

- No items are pending for review.

Finalized Documents

- The final *2022 Grant PUD Hatchery Monitoring and Evaluation Implementation Plan for the Wenatchee and Methow Basins* will be distributed to the PRCC HSC in the coming weeks.