

Memorandum

To: Wells, Rocky Reach, and Rock Island HCP Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: December 15, 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 December 15, 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 December 15, 2021, from 9:00 a.m. to 12:30 p.m. The action items include the following:

Action Item Summary

Joint HCP-HCs and PRCC HSC

Long-term

- Mike Tonseth will distribute the analysis showing feasibility of the Methow Spring Chinook Salmon Outplanting plan based on historical run size data (Item I-A). *(Note: This item is ongoing; expected completion to be determined.)*
- Kirk Truscott will work with Colville Confederated Tribe 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 date to be determined.)*
- 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 date to be determined.)*
- 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; expected completion by early 2022 for incorporation into Broodstock Collection Protocols.)*

Near-term (to be completed by next meeting)

- Larissa Rohrbach will file and distribute *10-year Comprehensive Review* chapters and comments to the Committees for review as they are completed (Item III-C). *(Note: This item is ongoing.)*
- Todd Pearsons and Catherine Willard will revise Grant and Chelan PUD's draft Statements of Agreement on Sockeye Salmon Obligation for approval in an upcoming meeting (Item I-A). *(Note: This item is ongoing.)*
- Kirk Truscott will develop language for the *Priest Rapids Coordinating Committee's Hatchery Subcommittee Statement of Agreement Regarding Grant PUD's Sockeye Salmon Obligation* on assessing feasibility and implementation of alternative plans in years when environmental conditions are prohibitive for broodstock collection activities (Item I-A). *(Note: This item is ongoing.)*
- PUD representatives will revise the *2024-2033 Recalculation Data Summary* document (version 10) by end of day Thursday, December 16, reflecting the following discussions in today's meeting:
 - Update the document to show the preferred method for calculating Wells summer Chinook natural-origin returns.
 - Revise Table 9 to show proportions of mitigation production released from each rearing site.
- All HCP-HCs and PRCC HSC representatives will review the *2024-2033 Recalculation Data Summary* document (version 10) by January 5, 2021, and send any comments to the PUDs, and copy all other representatives.
- The PUDs representatives will review internally the YN request to commit to including summer Chinook salmon inundation mitigation, as shown in the sensitivity analysis Column G, in the final calculation of mitigation levels.
- All representatives will review internally the Grant PUD request to exclude steelhead inundation mitigation shown in the sensitivity analysis Column G in the final calculation of mitigation levels.

Rock Island/Rocky Reach HCP-HCs

- None.

Wells HCP-HC

- None.

PRCC HSC

- None.

Decision Summary

- None.

Agreements

- None.

Review Items

- The draft SOA Regarding the 2023 NNI Hatchery Recalculation Dataset was distributed by Larissa Rohrbach on December 1, 2021.
- The draft 2022 Wells HCP Action plan was distributed by Larissa Rohrbach on December 14, 2021 for review and approval in the January 19, 2021 meeting.

Finalized Documents

- Grant PUD's *final Priest Rapids Hatchery Monitoring and Evaluation Annual Report for 2020–2021* was distributed by Larissa Rohrbach on December 10, 2021.