

Memorandum

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

Date: November 17, 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 October 20, 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 November 17, 2021, from 9:00 a.m. to 11:00 a.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 late 2021/early 2022.)*

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).
- Keely Murdoch will prepare no-net-impact (NNI) mitigation levels calculated using the smolt-to-adult return (SAR) estimation approach used in 2013, compared to the method proposed for the current recalculation effort (Item III-A).
- Catherine Willard will revise the draft *Statement of Agreement Regarding the 2023 NNI Hatchery Recalculation Dataset* (Recalculation Data Sources SOA) to include feedback obtained in today's meeting, for distribution to the HCP-HCs and PRCC HSC next week (Item III-A).
- All HCP-HCs and PRCC HSC representatives will review the draft Recalculation Data Sources SOA and reply to all with comments via email prior to the additional conference call on December 6, 2021 (Item III-A).

Rock Island/Rocky Reach HCP-HCs

- None.

Wells HCP-HC

- None.

PRCC HSC

- None.

Decision Summary

- The Rock Island/Rocky Reach HCP-HCs approved Chelan PUD's 2022 Hatchery Monitoring and Evaluation Implementation Plan.

Agreements

- The HCP-HCs and PRCC HSC agreed to alternating the use of coded wire tag-based and passive integrated transponder tag-based SAR estimates for each year of SAR data included in the NNI recalculation calculations.

Review Items

- The *10-year Comprehensive Review* chapters on Objective 7 (genetics) were distributed by Larissa Rohrbach with an updated review schedule on October 21, 2021.
- The *Draft Priest Rapids Hatchery Monitoring and Evaluation Annual Report for 2020–2021* was distributed by Larissa Rohrbach on October 21, 2021, for 30-day review with comments and edits due to Todd Pearsons by Monday, November 22, 2021.
- The *Draft 2022 Wells Complex Monitoring and Evaluation Implementation Plan* was distributed by Larissa Rohrbach on November 4, 2021, for 30-day review, with comments and edits due to Greg Mackey by Friday, December 3, 2021.

Finalized Documents

- *Chelan PUD's 2022 Hatchery Monitoring and Evaluation Implementation Plan* revised in the October 20, 2021, meeting was approved as final and distributed by Larissa Rohrbach following the meeting.
- The *2020 Annual Report on Monitoring and Evaluation of the Wells Hatchery and Methow Hatchery Programs* was accepted as final with no additional revisions and distributed by Larissa Rohrbach following the meeting.