

## Memorandum

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To: Wells, Rocky Reach, and Rock Island HCP Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: March 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 March 17, 2021 HCP Hatchery Committees and PRCC Hatchery Subcommittee Meetings**

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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 March, February 17, 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

- Brett Farman will discuss with NOAA staff and Mike Tonseth the potential use of a multi-population model for estimating proportionate natural influence (PNI) for the Nason and Chiwawa spring Chinook salmon programs (Item I-A). *(Note: this item is ongoing.)*
- 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.)*
- 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.)*
- 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.)*
- All parties will provide updates on changes to monitoring and evaluation plans due to the impacts of COVID-19 on operations as updates become available (Item I-A). *(Note this item is ongoing.)*
- 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.)*
- Kirk Truscott will work with CCT staff to develop a model that addresses the probability of encountering natural-origin Okanogan spring Chinook at Wells Dam (Item I-A). *(Note this item is ongoing.)*
- 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.)*

- Representatives will review the NOAA research summary and HGMPs presentation distributed by Tracy Hillman and consider whether to request the authors attend a future committee meeting to discuss their research (Item I-A). *(Note this item is ongoing.)*
- 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.)*
- Catherine Willard and Todd Pearsons will revise the Statements of Agreement (SOAs) with Chelan PUD and Grant PUD on the success of the Okanagan Sockeye Salmon Reintroduction Program for final review (Item II-B).

### Rock Island/Rocky Reach HCP-HCs

- None.

### Wells HCP-HC

- Bill Gale will convene a Joint Fisheries Parties meeting on the disposition of surplus yearling summer Chinook from Wells Hatchery and report their decision to the Wells HCP-HC (Item V-B).

### PRCC HSC

- None.

## Decision Summary

- The *Upper Columbia River 2021 Brood Year Salmon and 2022 Brood Year Steelhead Broodstock Collection Protocols* were unanimously approved by the HCP-HCs and PRCC HSC as revised during today's meeting.
- The lethal sample request of Methow Conservation Program summer steelhead, reared at Wells Hatchery, was unanimously approved in today's meeting.

## Agreements

- No agreements were approved in today's meeting.

## Review Items

- A revised Wenatchee Steelhead Release Plan was distributed by Larissa Rohrbach immediately following the meeting on March 17, 2021, for Rocky Reach and Rock Island HCP-HC review and approval by email.

- The draft *2021-2022 Priest Rapids Hatchery M&E Implementation Plan* was distributed by Larissa Rohrbach on February 24, 2021 for 30-day review with comments and edits due to Todd Pearsons by March 26, 2021.
- Revised versions of the Okanagan Sockeye Re-Introduction Program SOAs prepared by Chelan PUD and Grant PUD will be available for HCP-HC and PRCC HSC review with comments and edits due to Catherine Willard and Todd Pearsons by April 9, 2021.
- All Committees members will review the supporting documents used for the 2014-2023 Mid-Columbia River Hatchery Production recalculation distributed by Rohrbach on March 18, 2021, to prepare for upcoming discussions on the next recalculation effort.

## Finalized Documents

- The HCP-HCs and PRCC HSC-approved *Upper Columbia River 2021 Brood Year Salmon and 2022 Brood Year Steelhead Broodstock Collection Protocols* were distributed to the HCP-Coordinating Committee by Kristi Geris on March 18, 2021 for their approval.