

Memorandum

To: Wells, Rocky Reach, and Rock Island HCP Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: November 23, 2020

From: Sarah Montgomery, Anchor QEA, LLC

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

Re: Final Action Item Summary from the October 21, 2020 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 Wednesday, November 18, 2020, from 9:00 a.m. to 12:15 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.)*
- Andrew Murdoch (WDFW) will present pre-spawn mortality data during the February 2021 HCP-HC and PRCC HSC meeting; 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.)*

- Keely Murdoch and Mike Tonseth will update the retrospective analysis for Wenatchee spring Chinook salmon using estimates of female pre-spawn mortality (Item I-A). *(Note this item is ongoing.)*
- Brett Farman will provide a listing of NOAA points-of-contact for programs and permits related to the HCP-HCs and PRCC HSC, and update the HCP-HCs and PRCC HSC on who is covering Allyson Purcell's duties while she is on leave (Item I-A). *(Note this item is ongoing.)*
- HCP Hatchery Committees and PRCC HSC Representatives will consider desired outputs of Mark Sorel's (University of Washington) model (Item II-A).
- Mike Tonseth will check on the WDFW policy for releasing unmarked surplus fish (Item II-B).
- Catherine Willard will check on previous guidance or agreements about which entity pays the costs for ad-clipping surplus fish (Item II-B).
- HCP Hatchery Committees and PRCC HSC Representatives will consider Mike Tonseth's discussion points for Appendix G of the Broodstock Collection Protocols, which will be included in the meeting minutes (Item II-B).
- Greg Mackey, Mike Tonseth, and Brett Farman will review conditions regarding surplus in the NMFS permit for the Wells HCP programs for discussion in December 2020 (Item II-B).

PRCC HSC

- Mike Tonseth will review prior assessments of groundwater and surface water connectivity in the Methow sub-basin and provide any relevant information to the PRCC HSC (Item IV-A).
- Todd Pearsons will send his presentation from the meeting about the Carlton Acclimation Facility and the water chemistry report he referenced to the PRCC HSC (Item IV-A). *(Note: Sarah Montgomery distributed these items to the PRCC HSC via email on November 23, 2020.)*

Decision Summary

- The Wells HCP Hatchery Committee approved Douglas PUD's *Wells 2021 Hatchery M&E Implementation Plan*. The final version of the plan will be distributed to the Wells HCP Hatchery Committee.

Agreements

- The PRCC HSC agreed that Grant PUD can implement a fish health recommendation for brood year 2020 fish reared at Carlton Acclimation Facility as follows: rear fish on 100% groundwater until February 1, transition completely to surface water by March 1 (25% per week), and rear fish on 100% surface water from March 1 until release; Grant PUD will provide updates on the performance of these fish.

Review Items

- No documents are currently available for review.

Finalized Documents

- No documents have been finalized recently.