

Memorandum

To: Wells, Rocky Reach and Rock Island HCPs Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: August 23, 2019

From: Larissa Rohrbach

cc: Tracy Hillman, Chair (HCP Hatchery Committees) and Facilitator (PRCC HSC)

Re: Action Items Summary from the August 21, 2019, HCP-Hatchery Committees and PRCC HSC meeting

The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans (HCPs) Hatchery Committees (HCs) and Priest Rapids Coordinating Committee Hatchery Subcommittee (PRCC HSC) meeting was held in Wenatchee, Washington, on Wednesday, August 21, 2019, from 9:00 a.m. to 1:15 pm. The action items include the following:

Action Item Summary

Joint HCP-HCs and PRCC HSC

- Mike Tonseth will coordinate with Andrew Murdoch (Washington Department of Fish and Wildlife [WDFW]) to present pre-spawn mortality modeling results for spring Chinook salmon at an upcoming HCP-HC meeting (Item I-A). *(Note: this item is going)*
- Kirk Truscott will discuss with Colville Confederated Tribes (CCT) biologists whether elemental signature analysis could differentiate natural-origin Okanogan spring Chinook salmon from other natural-origin Chinook salmon during broodstock collection at Wells Dam for Methow Fish Hatchery programs (Item I-A). *(Note: this item is ongoing.)*
- Brett Farman will discuss with Charlene Hurst 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.)*
- Tracy Hillman and Larissa Rohrbach will add review of the Broodstock Collection Protocols to the September meeting agenda to help the HCP-HCs and PRCC HSC identify co-authors and opportunities to discuss major revisions in advance of 2020 deadlines (Item II-F). *(Note: this item is ongoing.)*
- Greg Mackey will distribute a white paper reviewing broodstock composition and mating strategies for conservation programs, focusing on spring Chinook salmon at the Methow Hatchery (Item I-A). *(Note: this item is ongoing.)*
- Catherine Willard will update the genetics section of the *Monitoring and Evaluation Plan for PUD Hatchery Programs (Update to the 2017 Plan)* to reflect revisions that were suggested in the August 21, 2019 meeting (Item II-D).

PRCC Hatchery Subcommittee

- HSC representatives will submit a list of minimum data or information needs for making a decision on the White River spring Chinook salmon hatchery program to Tracy Hillman (Item I-A).
(Note: This item is ongoing)
- Brett Farman will ask Craig Busack (NMFS) to participate in the Wenatchee Basin life-cycle modeling discussion at the PRCC meeting on September 25, 2019 at Wanapum Dam, Washington.

Decision Summary

- There were no decisions made in today's meeting.

Agreements

- There were no agreements made in today's meeting.

Review Items

- Larissa Rohrbach sent an email to the Rock Island and Rocky Reach HCP-HCs on August 21, 2019, notifying them that WDFW's revised Relative Reproductive Success Study extension memorandum is available for review and approval in the September 18, 2019 meeting (Item II-A).
- Larissa Rohrbach sent an email to the HCP-HCs and PRCC HSC on August 19, 2019, notifying them that Douglas PUD's 2019 Egg Treatment Study Plan is available for review and approval in the September 18, 2019 meeting (Item II-B).
- Larissa Rohrbach sent an email to the HCP-HCs and PRCC HSC on August 21, 2019, notifying them that the Broodstock Collection Protocols Development Timeline Statement of Agreement is available for review, with edits due to Mike Tonseth by September 6, 2019 (Item II-F).
- Larissa Rohrbach sent an email to the Wells HC on August 21, 2019, requesting them to vote by email by September 4, 2019, on whether there is sufficient capacity at Wells Fish Hatchery for WDFW's additional production of subyearling Chinook salmon for southern resident orca prey, without compromising the existing, on-station HCP programs (Item III-A).
- Larissa Rohrbach sent an email to the Rock Island and Rocky Reach HCP-HCs on August 21, 2019, notifying them that Chelan PUD's 2020 Draft Monitoring and Evaluation Implementation Plan is available for review, with edits due to Catherine Willard by Friday August 30, 2019 (Item IV-A).

Finalized Documents

- There were no documents finalized in today's meeting.