

Memorandum

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

From: Larissa Rohrbach

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

Re: Action Items Summary from the September 18, 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, September 18, 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.)*
- 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.)*
- Larissa Rohrbach will add HCP Policy Committee guidance on policy-level issues to the HCP-HC Meeting Protocols (version dated May 15, 2019; Item I-A).
- Mike Tonseth will distribute a suggested drafting plan for the broodstock collection protocols assigning specific members to address topics for discussion; Tracy Hillman will determine whether there is a need for an additional conference call in early October to discuss research needs to address given topics (Item II-B).

- Catherine Willard will coordinate with other HCP-HC and PRCC HSC members to draft separate sets of genetic monitoring hypotheses that are specific for the individual hatchery programs to monitor for changes in population genetics over time (Item II-C)

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- 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 PRCC HSC process for identifying data needs and making a decision on the White River spring Chinook salmon hatchery program (Item I-A).

Decision Summary

- The Wells HCP-HC voted concur that 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, confirmed via an email by Larissa Rohrbach on September 11, 2019 (Item I-A).
- The Rock Island and Rocky Reach HCP-HCs voted to approve the *Relative Reproductive Success Study extension memorandum* in today's meeting (Item II-A).
- The HCP- HCs, and PRCC HSC voted to approve the *Broodstock Collection Protocols Development Timeline Statement of Agreement* in today's meeting (Item II-B).
- The Wells HCP-HC voted to approve Douglas PUD's 2019 Egg Treatment Study Plan in today's meeting (Item III-A).
- The Rock Island and Rocky Reach HCP-HCs voted to approve Chelan PUD's 2020 Draft Monitoring and Evaluation Implementation Plan in today's meeting (Item IV-A).

Agreements

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

Review Items

- Larissa Rohrbach sent an email to the Wells HCP-HC on September 16, 2019, notifying them that Douglas PUD's draft 2018 M&E Report for the Wells and Methow program is available for 60-day review with edits due by Friday November 15, 2019 (Item I-A).
- Larissa Rohrbach sent an email to the Wells HCP-HC on September 20, 2019, requesting a vote by email to indicate agreement with Douglas PUD that stocking out surplus fish from the Methow Safety Net and Columbia Safety Net Programs into a non-anadromous lake will not prevent the HCP steelhead programs from meeting the target production.

Finalized Documents

- The Monitoring and Evaluation of the Chelan and Grant County PUDs Hatchery Programs 2018 Annual Report was distributed via email by Larissa Rohrbach on September 16, 2019
- The Rock Island and Rocky Reach HCP-HCs-approved *Relative Reproductive Success Study extension memorandum* was distributed via email by Larissa Rohrbach on September 23, 2019 (Item II-A)
- The Rock Island and Rocky Reach HCP-HCs-approved *Broodstock Collection Protocols Development Timeline Statement of Agreement* was distributed via email by Larissa Rohrbach on September 23, 2019 (Item II-B).
- The Wells HCP-HC-approved *Broodstock Collection Protocols Development Timeline Statement of Agreement* was distributed via email by Larissa Rohrbach on September 23, 2019 (Item II-B).
- The Wells HCP-HC-approved *2019 Egg Treatment Study Plan* was distributed via email by Larissa Rohrbach on September 23, 2019 (Item III-A).