

# Memorandum

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To: Wells, Rocky Reach and Rock Island HCPs Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: January 15, 2020

From: Larissa Rohrbach

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

**Re: Action Items Summary from the January 15, 2020, HCP-Hatchery Committees and PRCC HSC meeting**

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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, January 15, 2020, from 10:00 a.m. to 3:00 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 work with Mike Tonseth to test a modeling approach and prepare 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 confirm the completion date for an updated plan for Outplanting Surplus Methow Composite Spring Chinook (Item I-A). *(Note this item is ongoing.)*
- Mike Tonseth and Catherine Willard will update the Broodstock Collection Protocols with the proposed plan for collecting Chiwawa Spring Chinook brood at Tumwater Dam and the Chiwawa Weir in 2020 (Item III-A).

- Greg Mackey and Mike Tonseth will provide edits to the draft 2020 Broodstock Collection protocols to Larissa Rohrbach by Friday, January 31, 2020 for compilation and distribution to the HCP-HCs and PRCC HSC no later than Friday, February 7, 2020 (Item III-B).
- Keely Murdoch will provide Appendix K to the 2020 Broodstock Collection Protocols to Larissa Rohrbach for compilation when it is complete (Item III-B).
- Tracy Hillman will append the 2018 guidance from the panel of agency geneticists to the PUDs' M&E Plan (2019 Update) for distribution (Item III-C).

### Rocky Reach HCP

- Mike Tonseth and Catherine Willard will update the Broodstock Collection Protocols with the proposed plan for collecting Chelan Falls summer/fall Chinook broodstock at Wells Dam and in the Chelan River in 2020 (Item IV-A).

### PRCC HSC

- Craig Busack (NMFS) will provide written responses to the PRCC HSC's questions on White River spring Chinook hatchery production (Item II-B).

## Decision Summary

- The Wells HC approved Douglas County PUD's *Implementation of Comprehensive Monitoring and Evaluation of Wells Hatchery Complex Programs in 2020* via email and phone on December 24, 2019.

## Agreements

- The HCP-HCs and PRCC HSC agreed to update the PUDs' M&E Plan (2019 Update) by appending the written guidance from the panel of agency geneticists developed in 2018.

## Review Items

- There are no items available for review.

## Finalized Documents

- The Wells HC-approved *Implementation of Comprehensive Monitoring and Evaluation of Wells Hatchery Complex Programs in 2020* was distributed by Rohrbach via email to the HCP-HCs and PRCC HSC on Monday January 1, 2020.
- The Wells Complex summer steelhead Section 10(a)(1)(A) permit and the PUDs' unlisted summer/fall and fall Chinook bundle Section 10(a)(1)(B) permits were finalized and signed by all parties in September and October 2019, expiring December 31, 2029.