

Memorandum

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

Date: February 25, 2019

From: Larissa Rohrbach

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

Re: Action Items Summary from the February 20, 2019, HCP-Hatchery Committees and PRCC HSC meeting

The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans (HCPs) Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee (PRCC HSC) meeting was held in Wenatchee, Washington, on Wednesday, February 20, 2019, from 9:00 a.m. to 3:30 pm. The action items include the following:

Action Item Summary

Joint HCP-HCs and PRCC HSC

- Tracy Hillman will review aspects of the Independent Scientific Advisory Board's *Review of Spring Chinook Salmon in the Upper Columbia River* under HCP-HCs' purview (Item I-A). *(Note: this item is ongoing.)*
- Greg Mackey will continue researching whether to include age-3 males in broodstock and discuss it with Craig Busack (National Marine Fisheries Service [NMFS]; Item I-A). *(Note: this item is ongoing.)*
- Mike Tonseth will coordinate with Andrew Murdoch (Washington Department of Fish and Wildlife [WDFW]) regarding presenting pre-spawn mortality modeling results for spring Chinook salmon at an upcoming HCP-HC meeting (Item I-A). *(Note: Tonseth emailed Tracy Hillman on February 25, 2019 to inform him that Andrew Murdoch and Mike Hughes [WDFW] will present on pre-spawn mortality and spring Chinook carcass recovery in the during the March 20, 2019 HCP-HC and PRCC HSC meeting.)*
- Catherine Willard will update the genetics section of the *Monitoring and Evaluation Plan for PUD Hatchery Programs (update to the 2017 Plan)* based on the genetics panel recommendations and will append the recommendations from the panel to the plan (Item II-A). *(Note: this item is ongoing.)*
- Kirk Truscott will discuss with Colville Confederated Tribes (CCT) biologists whether elemental signature analysis in fish scales, fin rays, or otoliths 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 II-B). *(Note: this item is ongoing.)*
- Larissa Rohrbach will add the size of upper Columbia River conservation programs as a periodic agenda item (Item II-C). *(Note: this item is ongoing.)*
 - The following updates will be made to the draft 2019 Broodstock Collection Protocols pertaining to Joint HCP-HC and PRCC HSC items (Item II-A):
 - Mike Tonseth will add Appendix C to the draft 2019 Broodstock Collection Protocols describing return-year adult management plans.
 - Greg Mackey will revise Douglas PUD's broodstock collection protocol for Methow coho salmon captured at Wells Dam.
 - Kirk Truscott will comment in the draft broodstock collection protocol regarding the number of steelhead collected in the fall that have intact adipose fins and no coded wire tag (CWT).
 - Keely Murdoch will provide the number of summer Chinook salmon eggs required from Wells Hatchery for the Yakima Basin program.
 - Mike Tonseth will revise language about the allocation and marking of spring Chinook salmon in the Nason Creek conservation and safety-net programs.
 - Mike Tonseth will distribute a revised version of the Protocols by March 6, 2019 to be discussed on the March 11, 2019 conference call.
 - Mike Tonseth will distribute the costs of tagging steelhead at the Priest Rapids Dam Off-Ladder Adult Fish Trap (OLAFT) and Upper Columbia PIT array operation and maintenance budgets to the PUDs and inform the Chair when this has been distributed (Item II-A). *(Note: Tonseth emailed Tracy Hillman on February 25, 2019 to inform him that this item is complete.)*
 - Mike Tonseth will invite Andrew Murdoch to the next HCP-HCs and PRCC HSC meetings on March 20, 2019 to answer questions about PIT-tagging spring chinook salmon at the OLAFT (Item II-A). *(Note: Tonseth emailed Tracy Hillman on February 25, 2019 to inform him that Andrew Murdoch will attend the March 20, 2019 meeting. This item is complete.)*
 - Brett Farman will discuss with Charlene Hurst and Mike Tonseth the potential use of a multi-population model for adjusting PNI in the Wenatchee Basin (Item II-A).
 - Brett Farman will inform the HCP-HCs of the publication date for public review of the Methow River Steelhead Environmental Assessment (Item II-C).
 - Brett Farman will inform the HCP-HCs on the publication date for public review of the Section 10 permit for the unlisted Chinook bundle (Item II-C).

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- Greg Mackey will provide a revised version of Douglas PUD's draft 2019 Monitoring and Evaluation (M&E) Implementation Plan for HCP-HC approval by email (Item III-A). *(Note: This item is ongoing)*

PRCC Hatchery Subcommittee

- The following updates will be made to the draft 2019 Broodstock Collection Protocols pertaining to PRCC HSC items (Item V-B):
 - Tonseth will revise the broodstock collection protocols for the NOR Methow (Carlton) summer Chinook program to identify a seasonal target number of adult fish to be collected rather than weekly collection goals due to low numbers expected in 2019
 - Tonseth will review the assumptions and target number of proposed NOR Methow (Carlton) summer Chinook to determine if this number could be increased similar to 2018 targets
 - Pearsons will organize a conference call with Mike Tonseth and Paul Hoffarth (WDFW) to develop a plan to collect more fall Chinook broodstock in the 2019 Angler Broodstock Collection (ABC) fishery and present the plan to the PRCC HSC
- Pearsons will distribute the draft 2019 Priest Rapids M&E Implementation Plan to the PRCC HSC for 30-day review (Item V-C). *(Note: Larissa Rohrbach distributed the Plan by email on February 21, 2019)*

Decision Summary

- There were no decisions.

Agreements

- There were no agreements.

Review Items

- Larissa Rohrbach sent an email to the Rocky Reach and Rock Island HCs on February 11, 2019, notifying them that the 2019 Rock Island and Rocky Reach HCP Action Plan is available for a 30-day review with edits due to Catherine Willard by March 13, 2019 (Item IV-A).
- Larissa Rohrbach sent an email to the HCP-HCs and PRCC HSC on February 12, 2019 notifying them that the draft 2019 Broodstock Collection Protocols are available for review with comments and edits due to Mike Tonseth by March 1, 2019 (Item II-A and V-B).

- Larissa Rohrbach sent an email to the PRCC HSC on February 21, 2019 notifying them that the draft Priest Rapids Hatchery M&E Implementation Plan is available for 30-day review with comments and edits due to Todd Pearsons by March 25, 2019 (Item V-C).
- Larissa Rohrbach sent an email to the HCP-HCs and PRCC HSC on February 7, 2019 notifying them that the updated meeting protocols, distribution lists, and draft Conflict of Interest SOA are available for review with comments and edits due to Larissa by March 15, 2019 (Item II-B).

Finalized Documents

- No documents have been recently finalized.