

## Memorandum

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

Date: January 18, 2019

From: Larissa Rohrbach

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

**Re: Final Action Items Summary from the January 16, 2019, 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 and Priest Rapids Coordinating Committee Hatchery Subcommittee (PRCC HSC) meeting was held in Wenatchee, Washington, on Wednesday, January 16, 2019, from 9:00 a.m. to 1:00 pm. The action items include the following:

### Action Item Summary

#### *Joint HCP-HC/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 Hatchery Committees' purview (Joint 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]; Joint Item I-A). *(Note: this item is ongoing.)*
- Keely Murdoch will attempt to provide coho salmon broodstock collection protocols to Mike Tonseth by early February for inclusion in the draft 2019 Broodstock Collection Protocols (Joint Item I-A). *(Note: this item is ongoing.)*
- Mike Tonseth will coordinate with Andrew Murdoch regarding presenting prespawn mortality modeling results for spring Chinook at an upcoming Hatchery Committees meeting (Joint Item I-A). *(Note: this item is ongoing.)*
- Keely Murdoch will research past comingling ratios of coho to spring Chinook salmon at Winthrop NFH or other locations (Joint Item I-A). *(Note: this item is ongoing.)*
- Larissa Rohrbach will obtain approval or abstention from NMFS to approve the December 2018 meeting minutes (Joint Item I-A).

- Larissa Rohrbach will schedule a tentative conference call on March 11, 2019 at 2:30 pm for the HCP Hatchery Committees and PRCC HSC to discuss the draft 2019 Broodstock Collection Protocols (Joint Item I-A).
- Catherine Willard will update the genetics section of the Monitoring and Evaluation Plan for PUD Hatchery Programs (2017 Update) based on the Genetics Panel Recommendations and will append the recommendations from the Panel to the Plan (Joint Item II-A)
- Mike Tonseth will share Draft Broodstock Collection protocols with the Hatchery Committees and Hatchery Subcommittee by February 11<sup>th</sup> (Joint Item II-B).
- Greg Mackey will confirm with Betsy Bamberger (Douglas PUD) whether Douglas PUD will use the Washington Animal Disease Diagnostic Lab (WADDL) for in-season bacterial kidney disease (BKD) testing during 2019 broodstock collection and confirm that WADDL methods will provide the same utility for management as WDFW methods (Joint Item II-B).
- Kirk Truscott will discuss with Colville Confederated Tribe (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 during broodstock collection at Wells Dam for Methow Fish Hatchery programs (Joint Item II-B).
- Mike Tonseth will ask Andrew Murdoch for interim pre-spawn mortality data for spring Chinook salmon to incorporate into the 2019 Broodstock Collection Protocols (Joint Item II-B).
- Larissa Rohrbach will add the size of upper Columbia River conservation programs as a periodic agenda item (Joint Item II-C).
- Mike Tonseth will ask Andrew Murdoch to provide a list of passive integrated transponder (PIT) tag arrays that will be shut down if not funded, the cost to operate and maintain these arrays, and the cost of PIT tagging steelhead at the Priest Rapids Dam Off-ladder Adult Fish Trap (OLAFT; joint Item II-D).
- Larissa Rohrbach will draft email distribution lists merging HCP Hatchery Committees and PRCC HSC recipients for review and approval by the committees and the HCP Coordinating Committees (Joint Item II-E).
- Larissa Rohrbach and Tracy Hillman will revise and distribute meeting protocols for the HCP Hatchery Committees and PRCC HSC for review and approval (Joint Item II-E).
- Tracy Hillman will send the SOA regarding conflicts of interest to Larissa Rohrbach for inclusion of language in the meeting protocols (Joint Item II-E).

### *Wells HC*

- Greg Mackey will provide a revised version of Douglas PUD's Draft 2019 Monitoring and Evaluation Implementation Plan for Hatchery Committees approval by email (Wells HC Item III-A).

## Decision Summary

- The HCP Hatchery Committees and PRCC HSC agreed to add sampling for linkage disequilibrium to the Hatchery M&E Plan (2017 Update) in order for sampling to occur in 2019. Chelan PUD, Douglas PUD, Grant PUD, USFWS, WDFW, CCT and YN approved during the meeting on January 16, 2019. *(Note: this item is pending final approval or abstention by NMFS.)*

## Agreements

- The HCP Hatchery Committees and PRCC HSC agreed to the following items regarding joint meetings:
  - Combine meeting attendance into one forum.
  - Issue one meeting agenda (including estimated duration for discussion items) and one set of meeting minutes.
  - Develop similar protocols for documentation and distribution of materials in emails, pending agreement to final distribution lists.
  - Develop joint meeting protocols.

Chelan PUD, Douglas PUD, Grant PUD, USFWS, WDFW, CCT and YN approved during the meeting on January 16, 2019. *(Note: This item is pending final approval or abstention by NMFS.)*

## Review Items

- There are no decision items currently available for review.

## Finalized Documents

- No items have been recently finalized.