

Memorandum

To: Wells, Rocky Reach, and Rock Island HCP Hatchery Committees and Priest Rapids Coordinating Committee Hatchery Subcommittee Date: June 17, 2020

From: Kristi Geris and Sarah Montgomery, Anchor QEA, LLC

cc: Tracy Hillman, HCP Hatchery Committees Chairman and PRCC Hatchery Subcommittee Facilitator

Re: Final Action Item Summary from the June 17, 2020 HCP Hatchery Committees and PRCC Hatchery Subcommittee Meetings

The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans Hatchery Committees (HCP-HCs) and Priest Rapids Coordinating Committee Hatchery Subcommittee (PRCC HSC) meetings were held by conference call and web-share on Wednesday, June 17, 2020, from 10:00 a.m. to 11:45 a.m. The action items include the following:

Action Item Summary

Joint HCP-HCs and PRCC HSC

- 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 distribute the analysis showing feasibility of the Methow Spring Chinook Outplanting plan based on historic run-size data (Item I-A). *(Note this item is ongoing.)*
- All parties will provide updates on changes to marking and tagging plans due to the impacts COVID-19 on operations as updates become available (Item I-A). *(Note this item is ongoing.)*
- Kirk Truscott will determine the number of scales that should be collected from spring Chinook at Wells Dam for elemental signature analysis to discern Okanogan River spring Chinook from Methow River spring Chinook (Item I-A). *(Note this item is ongoing.)*
- Todd Pearsons, along with representatives from Chelan PUD and Douglas PUD, will provide direction to Tracy Hillman on next steps for estimating carrying capacity (Item II-A).
- Mike Tonseth will check with Andrew Murdoch (WDFW) on presenting pre-spawn mortality data to the HCP-HCs and PRCC HSC at an upcoming meeting and will discuss with him the potential for using estimates of female pre-spawn mortality to calculate escapement goals (Item II-B).

- Mike Tonseth will ask Mike Hughes (WDFW) about visual assessments of males vs. females at Tumwater Dam (Item II-B).
- Keely Murdoch will provide an update on the operation of the Nason Creek and White River screw traps (Item II-C).

Joint RI/RR HCP-HC and PRCC HSC

- Catherine Willard will discuss the draft Statement of Agreement (SOA), *Regarding Chelan PUD's Okanagan Sockeye Obligation and Status of the Reintroduction Program*, with Kirk Truscott (Item IV-A).

Wells HCP-HC

- Greg Mackey will work with Charles Frady (WDFW) to update the run forecast for hatchery spring Chinook escapement to the Winthrop National Fish Hatchery and provide it to Bill Gale and Matt Cooper (Item III-A).

PRCC HSC

- None.

Decision Summary

- No decisions were approved during today's meeting.

Agreements

- No agreements were discussed during today's meeting.

Review Items

- The *Monitoring and Evaluation of the Chelan and Grant County PUDs Hatchery Programs Draft 2019 Annual Report* and appendices, which were provided by Tracy Hillman and were distributed to the HCP-HCs and PRCC HSC by Kristi Geris on June 16, 2020, are available for a 30-day review with edits and comments due to Hillman on July 16, 2020.
- The draft Statement of Agreement (SOA), *Regarding Chelan PUD's Okanagan Sockeye Obligation and Status of the Reintroduction Program*, was provided to the Rocky Reach and Rock Island HCP-HCs by Kristi Geris on June 13, 2020, and is available for review with edits and comments due to Catherine Willard on July 1, 2020.

Finalized Documents

- There are no documents that have been recently finalized.