

FINAL MEMORANDUM

To: Wells, Rocky Reach, and Rock Island HCPs Hatchery Committees
Date: March 21, 2014

From: Mike Schiewe, Chair

Cc: Kristi Geris

Re: Final Minutes of the February 19, 2014 HCP Hatchery Committees Meeting

The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans (HCPs) Hatchery Committees' meeting was held at Douglas PUD headquarters in East Wenatchee, Washington, on Wednesday, February 19, 2014, from 9:30 am to 12:00 pm. Attendees are listed in Attachment A to these meeting minutes.

ACTION ITEM SUMMARY

- Mike Tonseth will revise the Extension Request for the Wenatchee Relative Reproductive Success Study (RSS), as discussed, and will provide the final request to Kristi Geris for distribution to the Hatchery Committees no later than February 28, 2014 (Item I).
 - Mike Tonseth will develop a draft protocol for measuring fecundity at size, and provide the draft protocol to Kristi Geris for distribution to the Hatchery Committees no later than February 28, 2014 (Item I).
 - Alene Underwood will review the status of pending recirculation pilot studies at Eastbank Fish Hatchery and Chiwawa Fish Hatchery, and will report back to the Hatchery Committees by the April 16, 2014 meeting (Item I).
 - Chelan PUD will provide the revised draft Chelan PUD Methow Spring Chinook Hatchery and Genetic Management Plan (HGMP) in redline strikeout (RLSO) to Kristi Geris for distribution to the Hatchery Committee by February 20, 2014; Hatchery Committees members will document their approval or request for additional changes to the draft HGMP via email to Chelan PUD no later than Friday, February 28, 2014 (Item II-B).
 - Chelan PUD will provide an electronic copy of the Rocky Reach Trap Proposal to Kristi Geris for distribution to the Hatchery Committees (Item II-C).
 - Chelan PUD will consider modifying the visual and auditory passive integrated
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transponder (PIT)-tag detection signals leading up to the Rocky Reach Trap to differentiate between detection locations (Item II-C).

- Chelan PUD will provide video from the Rocky Reach Trap 2013 Pilot Study to Kristi Geris to post on the HCP Hatchery Committees Extranet Site (Item II-C).
- Chelan PUD will revise Table 1 of the draft Rocky Reach Trap Proposal, including: 1) correcting for age at return; and 2) verifying Chewuch numbers (Item II-C).
- Chelan PUD will develop a flow diagram describing the sequence of options for collecting Methow spring Chinook broodstock to meet Chelan PUD's 2014 production obligation (Item II-C).
- Greg Mackey will provide the draft Non-Target Taxa of Concern (NTTOC) Report for a 60-day review to Kristi Geris for distribution to the Hatchery Committee prior to the meeting on March 19, 2014 (Item III-C).
- The Yakama Nation (YN), Douglas PUD, and Chelan PUD will develop a list of questions for Karl Halupka (U.S. Fish and Wildlife Service [USFWS]) regarding how incidental take is assigned for discussion at the National Marine Fisheries Service (NMFS)/USFWS Biological Opinion Coordination Meeting on March 10, 2014 (Item V-A).

DECISION SUMMARY

- The Hatchery Committees representatives present approved the Chelan PUD 2014 Sockeye Monitoring and Evaluation (M&E) Implementation Plan, as revised (Item II-A).
- The Hatchery Committees representatives present approved the Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan (Item II-D).

AGREEMENTS

- The Hatchery Committees representatives present agreed to consider approval of the Chelan PUD Methow Spring Chinook HGMP by email no later than February 28, 2014 (Item II-B).
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REVIEW ITEMS

- Kristi Geris sent an email to the Hatchery Committees on January 20, 2014, notifying them that the draft Wells Hatchery Modernization 30% Design Drawings and draft Wells Hatchery Preliminary Design Report are available for download from the HCP Hatchery Committees Extranet Site. These documents are available for a 60-day review period, with comments due to Greg Mackey no later than Friday, March 21, 2014 (Item I).
- Kristi Geris sent an email to the Hatchery Committees on February 21, 2014, notifying them that the revised draft Chelan PUD Methow Spring Chinook HGMP is available for review with an email vote due to Chelan PUD no later than Friday, February 28, 2014 (Item II-B).
- Kristi Geris sent an email to the Hatchery Committees on February 21, 2014, notifying them that the draft Rocky Reach Trap/Methow Spring Chinook Broodstock Collection Proposal is available for review with comments due to Chelan PUD no later than Friday, March 7, 2014 (Item II-C).

FINALIZED DOCUMENTS

- The Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan that was approved by the Hatchery Committees on February 19, 2014, was approved by the HCP Coordinating Committees on February 25, 2014, and was finalized and distributed to the Hatchery Committees by Kristi Geris on February 26, 2014.

I. Welcome, Agenda Review, Meeting Minutes, and Action Items

Mike Schiewe welcomed the Hatchery Committees and asked for any additions or other changes to the agenda. The following revisions were requested:

- Alene Underwood added a decision on the Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan.
- Greg Mackey added a NTTOC Update.
- Bill Gale added a discussion on incidental take.

The Hatchery Committees reviewed the revised draft January 15, 2014 meeting minutes. Kristi Geris said that a second revised version was distributed to the Hatchery Committees on

February 18, 2014, which included additional edits tracked in RLSO. She said that one comment is remaining to be discussed regarding the discussion on Chelan PUD's Sockeye M&E Implementation Plan. Keely Murdoch clarified that her comments were regarding juvenile freshwater productivity estimates, and not spawner estimates. Reference to spawner estimates was omitted, as requested. Murdoch also reviewed her edits to the YN's coho trapping discussion, and Lynn Hatcher said that Craig Busack noted a couple of discrepancies between his records and what was reported in the meeting minutes with regards to currently permitted trapping dates and the requested modified trapping hours. Murdoch said that she will contact Busack to confirm these details. Greg Mackey also noted edits he made to the coho trapping discussion regarding incidental take and how it is applied. Bill Gale said that he recently spoke with Karl Halupka (USFWS) about this topic, and that he will provide a brief summary of their discussions later in the agenda.

The Hatchery Committees members present approved the draft January 15, 2014 meeting minutes, as revised. Geris will finalize the meeting minutes and distribute them to the Committees.

Action items from the last Hatchery Committees meeting on January 15, 2014, and follow-up discussions were as follows: *(Note: italicized item numbers below correspond to agenda items from the January 15, 2014 meeting.)*

- *Bill Gale will discuss with RD Nelle an appropriate venue for a presentation on lamprey distribution in the Wenatchee River, and discuss the outcome with Mike Schiewe (Item II-A).*

Gale said that he spoke with Nelle and Steve Lewis, and they agreed to introduce this discussion at the Rocky Reach Fish Forum.

- *Hatchery Committees representatives will discuss with their respective agency's Coordinating Committees representative their recommendations regarding Hatchery Committees access to all HCP-related documents on the HCP Extranet site, including Coordinating, Hatchery, and Tributary Committees' documents; Mike Schiewe will raise the issue during the HCP Coordinating Committees meeting on January 28, 2014 (Item II-B).*

Schiewe said that the HCP Coordinating Committees had a thorough discussion regarding access to the HCP Extranet Sites. They agreed to develop two libraries: 1)

Draft Documents; and 2) Final Documents. HCP Committee Representatives and Alternates will have access to their respective Committee Draft Library, and also access to all HCP Committees Final Libraries. The HCP Coordinating Committees also decided that, with regard to HCP email distribution lists, any additions other than HCP Committee Representatives and Alternates will need to be brought forward by a HCP Coordinating Committees Representative and vetted by the HCP Coordinating Committees. Greg Mackey said that Douglas PUD would like Jayson Wahls and Charlie Snow to be included on the Hatchery Committees distribution list. Schiewe said that, per the recently agreed upon process, Tom Kahler will need to bring that request to the HCP Coordinating Committees for approval.

- *Mike Schiewe will obtain feedback from the HCP Coordinating Committees regarding their views on providing access rights to the HCP Extranet site to participants in the Hatchery Evaluation Technical Team (HETT; Item II-B).* Schiewe said that, as previously explained, a HCP Coordinating Committees Representative will need to request HCP Coordinating Committees' approval to add participants in the HETT to the HCP distribution list. Bill Gale said that USFWS would want Matt Cooper to be included on the Hatchery Committees distribution list. Schiewe said that Gale could either relay information to Cooper as needed, or Jim Craig will need to bring that request to the HCP Coordinating Committees for approval.
 - *Tom Kahler will ensure that selected pre-HCP documents are available on the HCP Extranet site; actions needed to fulfill this action item will be determined following discussions in the HCP Coordinating Committees regarding Committee access rights to HCP documents on the site (Item II-B).* Kristi Geris said that Kahler is in the process of uploading selected documents to the Extranet Site.
 - *Greg Mackey will provide the Wells Hatchery Modernization 30% design drawings for review to Kristi Geris for distribution to the Hatchery Committees (Item II-D).* Geris sent an email to the Hatchery Committees on January 20, 2014, notifying them that the draft Wells Hatchery Modernization 30% Design Drawings and draft Wells Hatchery Preliminary Design Report are available for download from the HCP Hatchery Committees Extranet Site. Geris also notified the Hatchery Committees on
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February 20, 2014, that these documents are available for a 60-day review period, with comments due to Mackey no later than Friday, March 21, 2014.

- *The Hatchery Committees' meeting on February 19, 2014, will be held at Douglas PUD, with the Wells Hatchery Modernization Workshop to follow in the afternoon (Item II-D).*

Noted.

- *Mike Tonseth will revise the Extension Request for the Wenatchee RRS Study, as discussed, and will provide the final request to Kristi Geris for distribution to the Hatchery Committees (Item III-A).*

Tonseth will provide the final request to Geris for distribution to the Hatchery Committees no later than February 28, 2014.

- *Mike Tonseth will develop a draft protocol for measuring fecundity at size, and will provide the draft protocol to Kristi Geris for distribution to the Hatchery Committees to be discussed at the Hatchery Committees meeting on February 19, 2014 (Item III-B).*

Tonseth will provide the draft protocol to Geris for distribution to the Hatchery Committees no later than February 28, 2014.

- *Chelan PUD will coordinate with the Washington Department of Fish and Wildlife (WDFW) and the YN to further discuss and revise the draft Sockeye Addendum to the final Chelan PUD 2014 Hatchery M&E Implementation Plan (Item IV-A).*

The revised draft Chelan PUD 2014 Sockeye M&E Implementation Plan was distributed to the Hatchery Committees by Kristi Geris on February 5, 2014.

- *Chelan PUD will provide a formal Rocky Reach Trap Pilot Study Proposal for consideration at the Hatchery Committees' meeting by February 19, 2014 (Item IV-B).*

This topic will be discussed today.

- *Bill Gale will provide Chelan PUD with the U.S. Fish and Wildlife Service's (USFWS') comments on the Chelan PUD Spring Chinook Hatchery and Genetic Management Plan (HGMP) no later than close of business on Friday, January 17, 2014 (Item IV-C).*

Gale provided comments.

- *Kristi Geris distributed a meeting invite on January 16, 2014, for a WebEx conference call on February 6, 2014, from 9:00 am to 11:00 am, to discuss final comments on Chelan PUD's Spring Chinook HGMP (Item IV-C).*
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Noted.

- *Hatchery Committees representatives will submit edits and comments on the draft Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan to Chelan PUD no later than Friday, January 31, 2014 (Item IV-D).*

This topic will be discussed today.

- *Alene Underwood will review the status of pending recirculation pilot studies at Eastbank Fish Hatchery and Chiwawa Fish Facility, and will report back to the Hatchery Committees at the February 19, 2014 meeting (Item IV-D).*

Underwood will report back to the Hatchery Committees by the April 16, 2014 meeting.

- *Hatchery Committees representatives will discuss with their respective agencies' Coordinating Committees representatives their recommendations regarding the YN's proposed coho trapping under the YN HGMP and future Biological Opinion (BiOp) (Item VI-A).*

Mike Schiewe said that the HCP Coordinating Committees thoroughly vetted the YN's proposed coho trapping during their meeting on January 28, 2014. He said that Cory Kamphaus (YN) and Tom Scribner also attended the meeting by phone. The HCP Coordinating Committees approved the proposed trapping, contingent upon: 1) ongoing monitoring of detection times of steelhead and fall Chinook at Rocky Reach Dam and Wells Dam; 2) an annual re-evaluation by the HCP Coordinating Committees of the modified trapping operations during the initial years of implementation; and 3) the YN providing a report to the HCP Coordinating Committees summarizing trapping efforts with the modified operations.

II. Chelan PUD

A. DECISION: Chelan PUD 2014 Sockeye M&E Implementation Plan (Alene Underwood)

Alene Underwood said that Chelan PUD met with Andrew Murdoch and Keely Murdoch to review comments on the draft plan that were discussed at the Hatchery Committees meeting on January 15, 2014. She said that the plan was updated per their discussions, and the revised Chelan PUD 2014 Sockeye M&E Implementation Plan was distributed to the Hatchery Committees by Kristi Geris on February 5, 2014. Underwood said that Andrew Murdoch also reviewed and approved the changes made to the revised plan, and the

Hatchery Committees representatives present approved the Chelan PUD 2014 Sockeye M&E Implementation Plan, as revised.

B. Chelan PUD Methow Spring Chinook HGMP (Alene Underwood)

Alene Underwood said that during the conference call on February 6, 2014, held to discuss comments on the Chelan PUD Methow Spring Chinook HGMP, Chelan PUD agreed to distribute a RLSO version and a clean version of the revised HGMP for final review. She said that, as recommended, detailed information on the Rocky Reach Trap Pilot Study was moved from the body of the plan to Appendix E. She said that Chelan PUD needs to address a few additional comments on Appendix E, and then plans to provide the revised draft Chelan PUD Methow Spring Chinook HGMP in RLSO to Kristi Geris for distribution to the Hatchery Committee by February 20, 2014. *(Note: Underwood provided the draft HGMP to Geris on February 20, 2014, which Geris distributed to the Hatchery Committees on February 21, 2014.)* The Hatchery Committees representatives present agreed to consider approval of the Chelan PUD Methow Spring Chinook HGMP by email. Hatchery Committees members will document their approval or request for additional changes to the draft HGMP via email to Chelan PUD no later than Friday, February 28, 2014.

C. Rocky Reach Trap/Methow Spring Chinook Broodstock Collection Proposal (Alene Underwood)

Alene Underwood handed out a draft Rocky Reach Trap/Methow Spring Chinook Broodstock Collection Proposal (Attachment B), and noted that she would provide an electronic copy of the draft proposal to Kristi Geris for distribution to the Hatchery Committees. *(Note: Underwood provided an electronic copy of the draft proposal to Geris, which she distributed to the Hatchery Committees on February 21, 2014.)* Underwood explained that the proposed Chelan PUD Methow spring Chinook broodstock collection effort is a two-tiered approach: 1) trapping at the Rocky Reach Trap; and 2) tributary-based broodstock collection.

Rocky Reach Trap

Underwood recalled that, as discussed at the Hatchery Committees meeting on January 15, 2014, Chelan PUD plans to install a separation-by-code adult salmon collection system at Rocky Reach. She described where the new PIT-tag array will be installed following baffle

#4 and baffle #6, as depicted in Figure 1 of Attachment B. She said that a predetermined library of PIT-tag codes will be uploaded into the separation-by-code monitoring system, and the system will be connected to the PIT-tag arrays. She explained that as fish ascend the ladder, there will be an auditory and visual signal (light and beep) at baffle #4, another at baffle #6, and another at the newly installed PIT-tag array. Once the last signal occurs, the operator in the counting room will be able to visually observe the target fish and can manually operate the trap. She noted that if there is any confusion or doubt about whether the fish is a target fish, the operator will let the fish pass. Once a fish is trapped, it will be confirmed with a hand-held PIT-tag detector loaded with the same library of PIT-tag codes. Once confirmed, the target fish will be transferred to a holding tank located directly adjacent to the trap chamber, and Eastbank Hatchery Staff will be notified to transport the fish to Eastbank Hatchery for holding.

Keely Murdoch asked if the signals are unique so that the operator knows which detection point the fish is passing. Underwood agreed that this would be a good feature, and said that Chelan PUD will consider modifying the visual and auditory detection signals leading up to the Rocky Reach Trap to differentiate between detection locations.

Underwood said that a benefit of the proposed trap operations is that ladder passage at the dam will remain open because only certain fish will be targeted for trapping. Lynn Hatcher said that Bryan Nordlund also noted this benefit of the Rocky Reach Trap proposal.

Kirk Truscott asked if the new PIT-tag array will be far enough away from the trap to effectively trap fish. Underwood said that the operators from last year indicated that there will be ample time after fish pass the new PIT-tag array to open the trap gate. She added that the solid trap door was also replaced with a perforated trap door to avoid water displacement. She said that video was taken of trapping events during the Rocky Reach Trap 2013 Pilot Study, which shows the trap in operation. She said that Chelan PUD will provide this video to Geris to post on the HCP Hatchery Committees Extranet Site.

Catherine Willard reviewed Table 1 of Attachment B. She said that collection efforts will be targeting juveniles that are PIT-tagged in the Methow Basin; specifically, PIT-tagged natural-origin recruit (NOR) juveniles from the Chewuch River smolt trap and mark/recapture

evaluations, and from the mark/recapture evaluations above the confluence of the Methow River and Twisp River. She said that Methow River smolt trap spring Chinook NORs will also be targeted, and if captured, genetic analyses will be used to differentiate Twisp River and non-Twisp River spring Chinook NORs. Adults that are determined to be of Twisp origin will be offered to Douglas PUD for their Twisp spring Chinook conservation program, hopefully in exchange for a MetComp NOR trapped at Wells Dam. Underwood said that the idea behind this provision is to avoid returning fish to the river; and added that if Chelan PUD cannot use the fish, perhaps someone else can. Willard said that up to 45 hatchery-origin recruit (HOR) adults from the Methow Hatchery MetComp smolt releases will also be targeted as contingency broodstock in the event that the total number of NORs needed for Chelan PUD's Methow Basin Conservation Program is not available. She said that as part of stray management, Chiwawa Hatchery spring Chinook will also be targeted, and if captured, they will be taken to Eastbank Hatchery and their disposition determined by the Joint Fisheries Parties (JFP).

Bill Gale noted that Winthrop National Fish Hatchery (NFH) is evaluating adult management by monitoring how many Winthrop-origin fish return to Winthrop NFH based on PIT-tag detections, and he questioned if removing fish at the Rocky Reach Trap may impact this evaluation. He said that this same evaluation could be conducted using coded-wire-tags (CWT); however, it would take several more years than it does using PIT-tags. He noted that Matt Cooper is conducting this study. Underwood said that Chelan PUD will contact Cooper to discuss this, and Gale said that, ultimately, discussions may also need to go through Douglas PUD. Mike Tonseth noted that this proposal is for 2014 only. He said that if Chelan PUD is able to meet their needs for the Conservation Program, and Grant PUD, Douglas PUD, and USFWS do not need the fish for their respective programs, those fish will be returned to the river. He said that it would be incorrect to assume that those fish will not be available. Greg Mackey said that when Douglas PUD PIT-tagged their hatchery fish, they did not have a clear adult management hypothesis defined. The tagging was focused on juvenile migration. He suggested identifying what PIT-tags are intended to do and who is contributing, and then developing a management policy for broodstock collection in regard to PIT-tagged fish. Hatcher said that this does not seem to be a significant issue for just one year. He added, however, that if the proposed trapping operations carry on into future years, then it may be necessary to revisit this discussion. Mackey said that Charlie Snow has been

PIT-tagging fish in-stream to obtain life stage survival data, but it is still unknown how many of those fish will return as adults. Snow agreed with Mackey and added that only in the last couple of years have a large number of PIT-tags been deployed; so it will be another year before adult return data are available. Snow also cautioned that if Chelan PUD is relying heavily on PIT-tags from the U.S. Geological Survey (USGS) efforts in the Chewuch, those efforts may be winding down. He said that USGS will no longer run the trap, nor will they continue PIT-tagging. Gale asked if the U.S. Bureau of Reclamation discontinued funding completely, and Snow said that he is unsure. He said that funding seems to be transitioning from habitat monitoring in the Chewuch and mainstem Methow to focusing more on the Twisp River. Willard said that she spoke to Patrick Connolly at USGS and he indicated that he was hopeful that USGS would receive additional funding to continue efforts in the Chewuch. She added that Connolly will submit a proposal to Chelan PUD to continue running the trap.

Truscott said that the numbers in Table 1 of Attachment B seem optimistic, noting that the numbers do not account for age at return. Snow also noted that the Chewuch numbers seemed incorrect. Willard stated that the Chewuch numbers definitely included fish PIT-tagged at the Chewuch smolt trap, but it may not have included WDFW's mark/recapture PIT-tagging efforts. Underwood said that Chelan PUD will review and revise Table 1 of the draft Rocky Reach Trap Proposal if necessary, including: 1) correcting for age at return; and 2) verifying Chewuch numbers.

Gale asked how many spring Chinook need to be tagged to collect all broodstock at the Rocky Reach Trap. Willard said that would depend on the smolt-to-adult return ratios, but it could range anywhere from about 3,500 to a much higher number.

Tributary-based Broodstock Collection

Underwood said that the fallback option for 2014 broodstock collection is tributary-based collection using tangle netting, if it was determined that enough NORs were available for the program. She said that most of the tangle netting methodology language in the draft proposal was borrowed from Grant PUD's tangle netting efforts in Nason Creek. Gale asked when Chelan PUD plans to review this option with Karl Halupka (USFWS), and Underwood said that she planned to first discuss this within the Hatchery Committees, and then take the

proposal to Halupka at the NMFS/USFWS Biological Opinion Coordination Meeting on March 10, 2014.

Tonseth cautioned that, in the tributaries, conservation fish are not adipose fin (ad)-clipped; therefore, HOR fish may be inadvertently obtained as well. He added that no more than one-third of the run can be retained, which is why the proposal indicates that fish will be returned that are not needed. He also added that permits are not in place to conduct adult management. Hatcher asked what backup options are in place in case there are issues with obtaining the necessary permitting. Underwood said that because this is a conservation program, fish from Winthrop NFH would not be ideal; however, Gale indicated that Winthrop HOR fish could potentially be used as a last resort option. Truscott suggested that Chelan PUD develop a flow diagram describing the sequence of options for collecting Methow spring Chinook broodstock to meet their 2014 production obligation, and Underwood said that she would do so. She added that she reviewed Chelan PUD's permit language, which is essentially the same language that USFWS and NMFS approved for tangle netting in Nason Creek, so she does not anticipate issues with permitting. She also asked Hatcher about take coverage as it relates to this proposal. Hatcher said that Craig Busack indicated that Chelan PUD is covered under Permit 1392. Underwood said that she believes that is Chelan PUD's Rocky Reach Dam Incidental Take Permit, which only provides up to 2% incidental take coverage, which is not a lot of fish. She said that anything that puts Chelan PUD in jeopardy of exceeding the permitted take for the entire Project will be a deal-breaker.

Underwood acknowledged that the proposal is not an ideal situation, but noted that Chelan PUD is committed to obtaining these fish. She also noted that Chelan PUD is exploring several options for the future, including options for working with Douglas PUD at Methow Hatchery.

Tonseth noted the proposed 5 days per week, 6 hours per day trapping schedule, and suggested looking at historical PIT-tag passage data to determine catch probability for the proposed trapping period. Murdoch asked if a 6-hour window might be too short, and suggested that more brood might be obtained over a longer trapping window. She asked if 6 hours per day was a permitting constraint, and Underwood said that it was a staffing issue.

She added that if historical data indicate a longer trapping window improves trapping efficacy, adjustments to the trapping schedule can be considered. Truscott asked if the 6-hour window is the cumulative time of individual trapping events, and Underwood explained that the 6-hour window is staffing hours (i.e., a 6-hour block). Willard said that within the last 10 years, most detections occurred between 0800 and 1500 hours, and Underwood added that last year, the trapping schedule was also 6 hours per day.

Underwood said that this proposal will be presented to the HCP Coordinating Committees at their meeting on March 25, 2014.

D. DECISION: Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan (Alene Underwood)

Alene Underwood said that no comments were received on the draft plan by the January 31, 2014 deadline. The Hatchery Committees representatives present approved the Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan.

III. Douglas PUD

A. Wells Hatchery Steelhead Broodstock Update (Greg Mackey and Jayson Wahls)

Greg Mackey said that some additional steelhead broodstock have been obtained by angling; however, angling conditions have been poor. He said that Douglas PUD also provided Craig Busack with a written explanation of the broodstock situation and requested permission to operate the ladder traps at Wells Dam earlier than permitted. He said that the request was to begin operating the traps as early as March 1, 2014, in an attempt to obtain spring-moving steelhead. He added that standard trapping protocols would still be implemented. Mike Schiewe noted that this request was also vetted in the HCP Coordinating Committees, and they endorsed the modified operations prior to Douglas PUD requesting permission from NMFS. Mackey said that Busack approved the request for the modified trapping dates. He also noted that Douglas PUD expects to obtain additional fish from the volunteer channels, and that angling efforts will also continue.

Jayson Wahls said that recently, over a 2-day period, hook-and-line angling efforts produced four females and one male. He said that fish are also beginning to appear in the volunteer channel, noting that five steelhead have been captured in the volunteer ladder. Of the five

steelhead captured from the volunteer ladder, three steelhead were retained for broodstock including two males and one female (one male and one female were from Ringold Hatchery). He summarized that eight total steelhead have been obtained for broodstock in a one-month period: five by hook and line, one trapped in the volunteer channel, and two delivered from Ringold. He also noted that the Ringold Hatchery steelhead will be used for Columbia Safety-Net program.

Kirk Truscott asked if the Ringold eggs are kept separate, and Wahls replied that they are. Bill Gale asked what areas are being targeting for angling efforts, and Wahls said that efforts have been concentrated around the towns of Twisp, Carlton, and Methow. He added that the water has been frozen in the lower areas, so angling efforts have been focused more upstream. Truscott asked if steelhead have been observed in the Methow Hatchery volunteer channel, and Wahls said not yet, but that he expects to see some there this year. Truscott said that the Colville Confederated Tribes (CCT) also still plan to carry out broodstock collection efforts in the Okanogan.

B. Broodstock Protocols (Greg Mackey and Mike Tonseth)

Greg Mackey requested an update on the draft 2014 Broodstock Protocols. Mike Tonseth said the draft will be available for review prior to the Hatchery Committees meeting on March 19, 2014. He noted that the draft protocols are quite long, but that most programs have not changed from 2013. Mike Schiewe requested that Tonseth provide the draft protocols for review at least 10 days prior to the March meeting.

C. NTTOC Update (Greg Mackey)

Greg Mackey said that the draft NTTOC Report is being reviewed by HETT, with comments due to him by February 26, 2014. He added that he has already received comments from Todd Pearsons. He noted that there are several analyses and ways to evaluate these data, but the upshot is that no effects that exceeded the containment objectives were identified for programs released in the tributary basins. He said that, as requested, he included a detailed description of everything that was done, and added that he will provide the draft NTTOC Report to Kristi Geris for distribution to the Hatchery Committee for a 60-day review prior to the meeting on March 19, 2014.

D. REMINDER: Wells Hatchery Modernization Workshop (Greg Mackey)

Greg Mackey said that Ken Ferjancic, Jason Hill, and Ed Donahue from HDR Engineering, Inc. (HDR) plan to start the Wells Hatchery Modernization Workshop by about 12:30 pm, following the Hatchery Committees meeting.

IV. NMFS

A. HGMP Update (Lynn Hatcher)

Lynn Hatcher said that a NMFS/USFWS Biological Opinion Coordination Meeting is planned for March 10, 2014, from 1:00 pm to 4:30 pm.

Leavenworth Spring Chinook

Hatcher said that the Leavenworth Spring Chinook HGMP will be completed by spring 2014. He added that the BiOp is complete.

Wenatchee Steelhead

Hatcher said that the Wenatchee Steelhead HGMP will be completed by spring 2014. He said that NMFS is still waiting for a Steelhead Adult Management Plan. Mike Tonseth said that WDFW and the YN met last month, but they still need to arrange a follow-up meeting. Hatcher added that the draft Steelhead BiOp and Section 10 Permit are written, and will be shipped to Chelan PUD and others for their review when the final adult steelhead management plan is done.

Mid-Columbia Coho

Hatcher said that the draft Mid-Columbia Coho BiOp is in a near final version, and will be completed in March 2014.

Okanogan Steelhead and Methow Steelhead

Hatcher said that the Okanogan Steelhead HGMP and Methow Steelhead HGMP will be separated. He said the Okanogan Steelhead HGMP will be completed in August 2014, and added that the sufficiency letter was sent out on February 14, 2014. He said a Fishery Plan is still needed for the Methow with a completion date scheduled for Methow steelhead sometime during June to August.

Summer and Fall Chinook

Hatcher said that the summer and fall Chinook programs are still the lowest priority, but are planned to be addressed by early fall 2014. He added that summer and fall Chinook programs may actually be addressed before the Methow Steelhead HGMP, depending on how long it takes WDFW to draft a Fishery Plan for the Methow.

V. USFWS

A. Incidental Take (Bill Gale)

Bill Gale suggested raising the question of how incident take is assigned during the NMFS/USFWS Biological Opinion Coordination Meeting on March 10, 2014. He recalled that the question is whether incidental take is assigned to the owner of a facility or to the different operators at a facility. He said that he thinks that Karl Halupka (USFWS) indicated that incidental take is not assigned to the owner of a facility; however, consideration is taken of all potential incidental take at a given facility before take is issued to individual operators at that facility. Greg Mackey said that Douglas PUD is under the impression that they are responsible for any take at the Wells Project, which includes all associated facilities, and added that ultimately, clear understanding is needed one way or the other. The YN, Douglas PUD, and Chelan PUD agreed to develop a list of questions for Halupka regarding how incidental take is assigned for discussion at the NMFS/USFWS Biological Opinion Coordination Meeting on March 10, 2014.

VI. HCP Administration

A. Next Meetings

The next scheduled Hatchery Committees' meetings are on March 19, 2014 (Douglas PUD); April 16, 2013 (Chelan PUD); and May 21, 2014 (Douglas PUD).

List of Attachments

Attachment A	List of Attendees
Attachment B	Draft Rocky Reach Trap/Methow Spring Chinook Broodstock Collection Proposal

Attachment A
List of Attendees

Name	Organization
Mike Schiewe	Anchor QEA, LLC
Kristi Geris	Anchor QEA, LLC
Alene Underwood*	Chelan PUD
Catherine Willard	Chelan PUD
Greg Mackey*	Douglas PUD
Peter Graf	Grant PUD
Lynn Hatcher*	National Marine Fisheries Service
Kirk Truscott*	Colville Confederated Tribes
Keely Murdoch*	Yakama Nation
Bill Gale*	U.S. Fish and Wildlife Service
Michael Hunley	U.S. Fish and Wildlife Service
Mike Tonseth*	Washington Department of Fish and Wildlife
Jayson Wahls	Washington Department of Fish and Wildlife
Charlie Snow†	Washington Department of Fish and Wildlife

Notes:

- * Denotes Hatchery Committees member or alternate
- † Joined by phone