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## FINAL MEMORANDUM

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**To:** Wells, Rocky Reach, and Rock Island HCPs  
Coordinating Committees **Date:** November 21, 2014

**From:** Michael Schiewe, Chair

**Cc:** Kristi Geris

**Re:** Final Minutes of the October 28, 2014 HCPs Coordinating Committees  
Conference Call

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The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans (HCPs) Coordinating Committees met by conference call, on Tuesday, October 28, 2014, from 9:30 am to 11:30 am. Attendees are listed in Attachment A of these meeting minutes.

### ACTION ITEM SUMMARY

- Coordinating Committees representatives will submit comments or an email confirming “no comments” on the Bailey Douglas PUD Land Use Permit Application to Tom Kahler no later than November 5, 2014 (Item I-C).
  - Douglas PUD will provide a revised Methow River Coho Salmon Phase Designation Statement of Agreement (SOA), with the Colville Confederated Tribes’ (CCT’s) edits incorporated, to Kristi Geris for distribution to the Coordinating Committees; Douglas PUD will request approval of the revised SOA during the Coordinating Committees meeting on November 18, 2014 (Item II-A).
  - Douglas PUD will provide the draft 2014 Wells Post-Season Bypass Report for review to Kristi Geris for distribution to the Coordinating Committees (Item II-B).
  - Douglas PUD will provide the draft conceptual box design for the Wells Dam low-level fishway entrances to Kristi Geris for distribution to the Coordinating Committees (Item II-D).
  - Douglas PUD will provide the original HCP Chair position Scope of Work and Qualifications document to Kristi Geris for distribution to the Coordinating Committees (Item II-F).
  - Douglas PUD will provide the current HCP Hatchery Committees and Coordinating Committees Chair candidate lists, including whether the respective
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candidate is also an Aquatic Settlement Workgroup (SWG) Chair candidate, to Kristi Geris for distribution to the Coordinating Committees (Item II-F).

- Coordinating Committees representatives will review the HCP Coordinating Committees Chair position documents and will: 1) contact any additional qualified candidates to gauge interest in the position; 2) have interested candidates contact Mike Schiewe to discuss the responsibilities of the position; and 3) provide a résumé or curriculum vitae (CV) from interested candidates to Tom Kahler, Lance Keller, and Kristi Geris by November 4, 2014 (Item II-F).
- Chelan PUD will provide a draft SOA outlining completion of the Rocky Reach and Rock Island HCP requirements for conducting additional run-timing and species composition monitoring to verify that the normal bypass operating period (April 1 through August 31) is adequately protecting 95% of the spring and summer migrations of juvenile Plan Species (Item III-A).
- Kristi Geris will contact Julene McGregor (Douglas PUD Information System Staff) to request read-only access to the final document library on the HCP Hatchery Committees Extranet site for John Penny and Denise McCarver (Eastbank Hatchery Staff), as approved by the Coordinating Committees (Item IV-A). *(Note: Geris sent an email to McGregor following the meeting on October 28, 2014, requesting access for Penny and McCarver, as discussed, and McGregor set up access for Penny and McCarver on October 29, 2014, as requested.)*
- The next Coordinating Committees meeting will be on **November 18, 2014** and will be held by **conference call** (Item VI-A).
- The Coordinating Committees meeting scheduled for December 23, 2014, may be rescheduled to **December 16, 2014**, and may be held by **conference call**, which will be further discussed during the Coordinating Committees meeting on November 18, 2014 (Item VI-A).

## DECISION SUMMARY

- The Coordinating Committees representatives present approved the HCP Hatchery Committees Approved Broodstock Collection Protocols SOA, as revised (Item I-D).
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*(Note: Kirk Truscott provided the CCT's approval of the SOA via email on October 24, 2014.)*

## **AGREEMENTS**

- Coordinating Committees representatives present agreed to provide John Penny and Denise McCarver read-only access to the final document library on the HCP Hatchery Committees Extranet site (Item IV-A).
- Coordinating Committees representatives present agreed that once the Coordinating Committees approve HCP Extranet site access for a particular position (e.g., Hatchery Complex Manager or Hatchery Monitoring and Evaluation [M&E] Support Staff), succeeding staff filling those positions will be granted HCP Extranet site access without requiring an additional review and approval process (Item IV-A).

## **REVIEW ITEMS**

- Kristi Geris sent an email to the Coordinating Committees on September 23, 2014, containing the HCP Chair position Scope of Work and Qualifications document for review. Edits and comments on these documents will be discussed during the joint HCP Policy Committee and Coordinating Committees on November 6, 2014 (Item II-F).
- Kristi Geris sent an email to the Coordinating Committees prior to the meeting on October 28, 2014, notifying them that the draft 2014 Rocky Reach and Rock Island Fish Spill Report is available for review. Edits and comments are due to Lance Keller prior to the Coordinating Committees meeting on November 18, 2014, when Chelan PUD will request approval of the report (Item III-B).

## **DOCUMENTS FINALIZED**

- Kristi Geris sent an email to the Coordinating Committees on November 6, 2014, notifying them that no comments were received on the Bailey Douglas PUD Land Use Permit Application following a 60-day review period, which ended on November 5, 2014. As noted in the email, Douglas PUD will proceed with this application.
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## **I. Welcome**

### *A. Review Agenda (Mike Schiewe)*

Mike Schiewe welcomed the Coordinating Committees and asked for any additions or other changes to the agenda. No additions or changes were requested.

### *B. Meeting Minutes Approval (Mike Schiewe)*

The Coordinating Committees reviewed the revised draft Rock Island Coordinating Committee September 22, 2014 meeting minutes. Kristi Geris said that all comments and revisions received from members of the Rock Island Coordinating Committee were incorporated into the revised minutes, and there were no outstanding edits or questions to discuss. Rock Island Coordinating Committee members present approved the September 22, 2014 meeting minutes, as revised. Geris will finalize the minutes and distribute them to the Coordinating Committees.

The Coordinating Committees reviewed the revised draft Wells, Rocky Reach, and Rock Island September 23, 2014 meeting minutes. Geris said that all comments and revisions received from members of the Coordinating Committees were incorporated into the revised minutes, and there were no outstanding edits or questions to discuss. Coordinating Committees members present approved the September 23, 2014 meeting minutes, as revised. Geris will finalize the minutes and distribute them to the Coordinating Committees.

### *C. Last Meeting's Action Items (Mike Schiewe)*

Action items from the Coordinating Committees conference call on September 22, 2014, and follow-up discussions were as follows: *(Note: italicized item numbers below correspond to agenda items from the September 22, 2014 meeting.)*

- *Chelan PUD will contact WDFW and the CCT to review and request approval of Chelan PUD's request to modify one of the middle adult fishway side-entrances at Rock Island Dam to provide an additional fish passage route into the middle fishway at low tailwater elevations (Item II-A).*
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Chelan PUD contacted WDFW and the CCT and they approved the request via email on September 22 and 23, 2014, respectively.

Action items from the Coordinating Committees conference call on September 23, 2014, and follow-up discussions were as follows: *(Note: italicized item numbers below correspond to agenda items from the September 23, 2014 meeting.)*

- *Tom Kahler will provide Cory Kamphaus (Yakama Nation [YN]) with excerpts from the Coordinating Committees January 28, 2014 meeting minutes regarding the YN's original proposal to extend coho salmon trapping activities at Wells Dam and Bob Rose will review with Kamphaus the Coordinating Committees' approval and contingencies for approval of the YN coho salmon trapping request (Item I-C).*

Kahler provided Kamphaus with the excerpts following the meeting on September 23, 2014, and Rose followed up with Kamphaus, as noted.

- *Tom Kahler will contact Cory Kamphaus to remind him that the Coordinating Committees' approval of extended coho salmon trapping at Wells Dam stipulated that the YN would monitor detection times of steelhead and fall Chinook salmon at Rocky Reach Dam and Wells Dam. Kahler will also confirm that Kamphaus is aware that both summer and fall Chinook salmon that were passive integrated transponder (PIT)-tagged in the Wells Reservoir will be reported in the PIT-Tag Information System (PTAGIS) as summer Chinook salmon only (Item I-C).*

Kahler notified Kamphaus of this information via email following the meeting on September 23, 2014.

- *Scott Carlon will discuss internally with the National Marine Fisheries Service (NMFS) the delegation of approval of the annual Broodstock Collection Protocols to their HCP Coordinating Committees representative (Item I-D).*

Carlon indicated that he received approval to delegate approval of the annual Broodstock Collection Protocols to their HCP Coordinating Committees representative.

- *Coordinating Committees representatives will submit comments or an email confirming "no comments" on the Bailey Douglas PUD Land Use Permit Application to Tom Kahler no later than November 5, 2014 (Item II-B).*

This action item will be carried forward.

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- *Chelan PUD will develop a memorandum summarizing Rock Island Dam and Rocky Reach Dam 2014 summer bypass operations, specifically the extended operations in September, for discussion at the Coordinating Committees meeting on October 28, 2014 (Item III-A).*

Lance Keller provided a draft 2014 Rocky Reach and Rock Island spill report and a September 2014 Rocky Reach and Rock Island bypass operations summary to Kristi Geris prior to the meeting on October 28, 2014, which Geris distributed to the Coordinating Committees that same day. These will be discussed further during today's conference call.

- *Tom Kahler will provide HCP Coordinating Committees Chair position documents to Kristi Geris for distribution to the Coordinating Committees (Item V-A).*

Kahler provided a list of qualifications, Scope of Work, and potential candidate résumés and CVs to Geris following the meeting on September 23, 2014, which Geris distributed to the Coordinating Committees representatives and alternates that same day.

- *Coordinating Committees representatives will review the HCP Coordinating Committees Chair position documents and will: 1) contact qualified candidates to gauge interest in the position; 2) have interested candidates contact Mike Schiewe to discuss the responsibilities of the position; and 3) provide a résumé or CV from interested candidates to Tom Kahler, Lance Keller, and Kristi Geris (Item V-A).*

This will be discussed further during today's conference call.

*D. HCP Hatchery Committees Approved Broodstock Collection Protocols SOA (Mike Schiewe, Scott Carlon, and Tom Kahler)*

Mike Schiewe recalled the key components of the HCP Hatchery Committees approved Broodstock Collection Protocols SOA that was distributed to the Coordinating Committees by Kristi Geris on September 19, 2014, including that: 1) the HCP Hatchery Committees agree to develop and submit to NMFS annual Broodstock Collection Protocols each year by April 15; 2) Permit Holders will prepare the draft protocols for HCP Hatchery Committees and Coordinating Committees review no later than 10 days prior to their respective February meetings; 3) participation in the development, submission, and approval of the annual protocols within the Committees by the NMFS HCP Hatchery Committees and

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Coordinating Committees representatives will constitute NMFS acceptance and approval of the protocols; and 4) Coordinating Committees approval meets the Wells HCP requirement for approval of broodstock collection and M&E activities involving the Wells Project facilities.

The Coordinating Committees representatives present approved the HCP Hatchery Committees Approved Broodstock Collection Protocols SOA, as revised.

*(Note: Kirk Truscott provided the CCT's approval of the SOA via email on October 24, 2014, and Geris distributed the final SOA [Attachment B] to the Coordinating Committees following the meeting on October 28, 2014.)*

## **II. Douglas PUD**

### *A. DECISION: Methow River Coho Salmon Phase Designation SOA (Tom Kahler)*

Tom Kahler said that he received a request prior to the meeting on October 28, 2014, from the YN for additional time to review the Methow River Coho Salmon Phase Designation SOA that was distributed to the Coordinating Committees by Kristi Geris on October 17, 2014. Bob Rose said that there was nothing of initial concern about the draft SOA, however, the YN are not ready to approve the SOA until they have additional time for review. Kahler also noted that the CCT provided edits on the SOA on October 24, 2014, which Geris distributed to the Coordinating Committees that same day. Kahler said that the CCT's edits included two word modifications, as follows:

1) "...Douglas PUD provided *cash* support for the YN coho salmon reintroduction program..." was revised to "...Douglas PUD provided *monetary* support for the YN coho salmon reintroduction program..."; and 2) "indefinite" was removed from "...the indefinite continuation of that surrogacy..."

Kahler said that Douglas PUD will provide a revised Methow River Coho Salmon Phase Designation SOA, with the CCT's edits incorporated, to Geris for distribution to the Coordinating Committees, and that Douglas PUD will request approval of the revised SOA during the Coordinating Committees meeting on November 18, 2014.

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*B. Draft 2014 Wells Dam Post-Season Bypass Report (Tom Kahler)*

Tom Kahler said that each year, Dr. John Skalski and Dr. Richard Townsend of Columbia Basin Research develop a report summarizing the performance of Wells Dam bypass operations for the current year. Kahler explained that Skalski and Townsend estimate the proportion of the migration of each salmonid stock covered by bypass operations at Wells Dam (and determine whether passage was provided for 95% of the migration) using historical daily counts collected at the juvenile sampling facility at Rocky Reach Dam and adding the travel time from Wells Dam to Rocky Reach Dam. Kahler said that the draft report was recently received from Skalski and Townsend, however, Douglas PUD has not yet had the opportunity for internal review. Kahler summarized the preliminary estimated proportions covered as follows: 96.80% for subyearling Chinook salmon, 99.99% for coho salmon, 100.00% for sockeye salmon, 99.75% for steelhead, and 80.65% for yearling Chinook salmon. He noted the low estimated proportion covered for yearling Chinook salmon and said that when he reviewed those data, he noticed a spike in hatchery fish on April 11, 2014. He said that average travel time for yearling Chinook salmon is based on estimates from a 2010 survival verification study, while average travel time for other salmonid species are not (5 days for yearling Chinook salmon versus 2 days for other species). He said he thought that hatchery fish drive the calculations because they are numerically dominant; however, a review of adipose (ad)-present fish data for 2014 from Rocky Reach indicated less than 95% bypass coverage at Wells for the ad-present component of the run as well. He speculated that failure to achieve the 95% outmigration objective for yearling Chinook salmon was partially related to the earlier than usual release date for Chelan Falls summer Chinook salmon yearlings, which were released on April 10, 2014, instead of the usual April 15 release date; and partially to Chief Joseph Hatchery (CJH) fish (a 44,000 fish program) that were released from Omak Pond on April 1, 2014. Kahler said that he believes the more pressing issue is to make sure passage is provided for wild fish, so he has requested 2012-2013 migration sampling data for yearling Chinook salmon from Chelan PUD to review ad-present fish passage. Kahler said that based on further review, the start date for Wells Dam bypass operations may need to be adjusted to start earlier than April 9.

Kahler said that once available, Douglas PUD will provide the draft 2014 Wells Post-Season Bypass Report for review to Kristi Geris for distribution to the Coordinating Committees.

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*C. Twisp River Population Assessment (Tom Kahler)*

Tom Kahler updated the Coordinating Committees on a Twisp River spring Chinook and steelhead population study that Greg Mackey and Chas Kyger (Douglas PUD) have been conducting with our M&E contractor, WDFW. Kahler explained that the Douglas PUD Hatchery M&E Plan and new hatchery permits will require a population estimate of the juveniles of those species to inform the evaluation of the effects of the hatchery program on the productivity of the wild population. Those requirements specifically include reporting the proportion of hatchery-origin spawners (pHOS) and proportionate natural influence (PNI), and the effects on freshwater productivity of the manipulation of pHOS and PNI. He said that Douglas PUD has been relying on two rotary screw traps (RSTs) for data on juvenile abundance; one located in the mainstem Methow downstream of the confluence with the Twisp River, and one located in the lower Twisp River.

Kahler said that data collected at the RST on the mainstem Methow are of limited usefulness because the trap is often removed from the flow during large freshets. He explained that a spike in discharge is typically accompanied by an increase in numbers of outmigrants, but that the trap is only in the river to collect data during the initial period of the increased flow and then again as flow declines. He said that an average number of emigrants during the trap outage is then calculated using only two data points—numbers of emigrants at the time of trap removal, and number at the time of reinstallation. Unfortunately, there is no way to accurately estimate the true number of emigrants missed during the trapping outage, but the estimates used in no way resemble the spike in emigrants observed in freshets during which the traps remain operational. He added that population size estimates from these data are so unreliable that they were not used during the recalculation of hatchery obligations.

Kahler said that the trap located in the lower Twisp River has higher collection efficiency and fewer trapping outages; however, even the population estimates derived from Twisp RST data have broad confidence intervals. He said that in an effort to determine how to improve population abundance estimates, Douglas PUD is implementing a population abundance pilot study in the Twisp that will provide PIT-tag-based population estimates for comparison with RST population estimates. He said that the study uses a stratified population estimate. He

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said that methods include electrofishing, mark and recapture, survival data collected at in-stream and dam PIT-tag detection, and modeling. He said that field work for this study was completed a few weeks ago, and Mackey and Kyger are now getting the data in a form that Dr. Rebecca Buchanan and Dr. John Skalski will use for statistical analysis.

*D. Wells Dam Low-Level Fishway Entrances Update (Tom Kahler)*

Tom Kahler recalled discussing with the Coordinating Committees the possibility of reopening the low-level entrances at Wells Dam to test improving Pacific lamprey passage, while still excluding salmonids from accessing the area. He indicated that the low-level entrances are located below the side entrances, both of which have been closed for years. He also recalled Bryan Nordlund's (NMFS, retired) concern that reopening this entrance would increase the necessary auxiliary water supply flow required to achieve the required head differential between the collection gallery and the tailrace, which would increase pressure on the diffuser grating.

Kahler said that flow through a wide open low-level entrance would be about 220 cubic feet per second (cfs). He said that Douglas PUD discussed with engineers how to reduce this flow without creating a jet at the orifice and they came up with a conceptual design for a box structure that could be installed inside of the low-level entrance that would reduce the total discharge and velocity through the low-level entrance. Kahler said that Douglas PUD discussed this design, which uses a series of panels with orifices to reduce flow, with Aaron Beavers (NMFS, Fish Passage Engineer). Kahler said that Beavers was concerned with the maze-like features of the proposed design and recommended a slightly modified design that used bollards, instead of panels, to diminish the flow from 220 cfs to 1.5 cfs. Kahler said that Douglas PUD and Beavers are currently working out the details of a hybrid of the two designs and that he will provide the draft conceptual box design to Kristi Geris for distribution to the Coordinating Committees when it is available.

Kahler noted that he is still waiting for an official request from the Aquatic SWG to reopen the low-level entrances; however, he anticipated receiving a request in the next couple of weeks. He added that the Coordinating Committees will likely need to approve the request prior to the next Coordinating Committees meeting on November 18, 2014, to allow

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adequate time for Douglas PUD to arrange for installation of the box structure during the annual winter maintenance at Wells Dam. Mike Schiewe said that the next Aquatic SWG meeting is scheduled for November 12, 2014, when it is anticipated that Douglas PUD will be requesting formal approval for reopening the low-level entrances and installing the proposed box structure.

Bob Rose asked if there were plans to install a half-duplex (HD) PIT-tag receiver at the entrance. Kahler said that Douglas PUD is working with Biomark to install a reader with both HD and full-duplex (FD) detection capability, which will serve a dual purpose, including: 1) HD detection of lamprey passage; and 2) FD detection of salmonids (to verify salmonids are not accessing the area). He said that this receiver will be installed on the collection-chamber side of the proposed box structure. He added that Douglas PUD also plans to install a radio-telemetry antenna in the collection chamber. He said that all of this work needs to be completed this winter in order to continue the Douglas PUD Lamprey Passage and Enumeration Study.

*E. Wells Dam Fish Count Update (Tom Kahler)*

Tom Kahler said that Douglas PUD is moving forward with installing a full, server-based fish counting system at Wells Dam. He said that the visual recorders that have previously been used are becoming obsolete and will be replaced by the server-based system, which uses digital cameras. He said that the new cameras have good resolution and are similar to ones used by Chelan PUD. He said the new system will be installed during the annual winter maintenance at Wells Dam. Kahler said that Douglas PUD plans to staff six fish counters, including three full-time and three temporary staff. He said that with six fish counters and the new system, Douglas PUD expects to improve fish counting and reporting. He added that if counts still fall behind, Douglas PUD will need to rethink the entire fish counting system because there is no additional space.

*F. HCP Coordinating Committees Chair Position (Tom Kahler)*

Tom Kahler said that since the last Coordinating Committees meeting, the HCP Hatchery Committees were briefed on the intent to involve the HCP Policy Committee in the HCP Chair selection process. He also noted that several new potential candidates had been

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discussed at the last Hatchery Committees meeting. In addition to the initial list that included Mr. Geoff McMichael, Dr. John Ferguson, and Mr. Bryan Nordlund, the following individuals were discussed:

Ms. Elizabeth McManus

Kahler said that Ms. Elizabeth McManus (Priest Rapids Coordinating Committee Hatchery Subcommittees [PRCC HSC] Facilitator) has been discussed as a possible HCP Hatchery Committees Chair candidate, however, a résumé or CV has not been received. Mike Schiewe said that aside from discussion at the Hatchery Committees meeting, no one has formally introduced McManus. Bob Rose said that based on discussions with Keely Murdoch (YN HCP Hatchery Committees Alternate Representative), he understands that the YN are interested in introducing McManus, and that McManus has expressed interest in the position. Jeff Korth agreed and said that he also received the same information from Murdoch. Rose said that Murdoch believes she has until November 6, 2014, to introduce new HCP Hatchery Committees Chair candidates. Schiewe clarified that the deadline to introduce HCP Hatchery Committees Chair candidates is October 31, 2014. Rose said that he will remind Murdoch of the correct deadline.

Mr. Chuck Peven

Schiewe said that Lynn Hatcher (NMFS HCP Hatchery Committees Representative) introduced Mr. Chuck Peven (Peven Consulting, Inc.) and that Peven has provided a letter of interest in the HCP Hatchery Committees Chair position. Kahler added that he understands that Peven also plans to revise his letter of interest and CV to reflect his interest in the Coordinating Committees Chair position as well.

Mr. Tom Schadt

Schiewe said that it is his understanding that Alene Underwood (Chelan PUD HCP Hatchery Committees Representative) plans to request a CV from Mr. Tom Schadt (Anchor QEA) for the HCP Hatchery Committees Chair position.

Kahler said that a joint HCP Policy Committee and Coordinating Committees meeting has been scheduled for November 6, 2014, at 1:00 pm, as distributed to the

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Coordinating Committees by Kristi Geris on October 23, 2014. Kahler said that no comments were received on the Scope of Work and only one comment was received on the Qualifications document, which was a formatting request from Bill Gale (U.S. Fish and Wildlife Service [USFWS] HCP Hatchery Committees Representative). Kahler explained that Gale requested that all duties of the position be included as bullet points. Kahler said that he has not yet distributed the revised Qualifications document because the deadline for edits to all HCP Hatchery Committees Chair documents is October 31, 2014, at which time, he plans to distribute the revised drafts.

Kahler said that the HCP Chair selection process will be determined during the joint HCP Policy Committee and Coordinating Committees meeting. Kahler asked Schiewe to describe the process that the Aquatic SWG is using for their Chair selection. Schiewe explained that the Aquatic SWG introduced five Chair candidates to consider and members ranked the candidates from 1 to 5, in order of preference, and provided those rankings to Geris to compile. Schiewe said that on October 22, 2014, the Aquatic SWG convened a conference call to discuss the rankings and they ultimately settled on three candidates to interview, including: Dr. Ferguson (Anchor QEA), Dr. Tracy Hillman (BioAnalysts, Inc.), and Dr. Pete Bisson (Bisson Aquatic Consulting, LLC). By way of introduction, Schiewe explained that Bisson spent his early career working as an aquatic biologist for the Weyerhaeuser Company in Tacoma, Washington, and later working for the U.S. Forest Service. Schiewe said that Bisson served on the NMFS and Northwest Power Planning and Conservation Council Independent Scientific Advisory Board. Schiewe said that each Aquatic SWG member has been asked to submit two potential interview questions. He said that all Aquatic SWG members plan to participate in the interview process, which will consist of 45-minute interviews, followed by an Aquatic SWG meeting the same day to discuss the interviews and a path forward. Schiewe said that the tentative date to hold these interviews is December 8, 2014. Schiewe added that Bisson has expressed no interest in chairing the HCP committees. Kahler said that, although the HCP Policy Committee will ultimately determine the process for the HCPs, the Aquatic SWG's chosen process may be a good model to start the discussion.

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Kahler asked, besides the HCP Chairs candidate lists, Scope of Work, and Qualifications document, what else needs to be place prior to the joint HCP Policy Committee and Coordinating Committees meeting. Rose said that regarding selecting a HCP Coordinating Committees Chair, he and Steve Parker (YN HCP Policy Committee Representative) discussed two options: 1) allow the HCP Policy Committee to make the selection; or 2) allow the Coordinating Committees to make the selection. Rose said he told Parker that he believes the process can be effectively managed by the Coordinating Committees and Rose asked the Coordinating Committees if this may be a recommendation that they want to present at the joint meeting. Jim Craig agreed that the selection should reside with the Coordinating Committees because they will be working with the Chair on a regular basis. Scott Carlon said that from NMFS' standpoint, the NMFS Policy Staff will make the selection but ask for the Coordinating Committees' preference; so, in essence, the Coordinating Committees will have a significant role in the selection. Korth said that the same is true for WDFW. Schiewe noted that 10 years ago when he was selected, the HCP Policy Committee was directly involved in Chair selections so there were no surprises. He added that the expectation is that the HCP Policy Committee and Coordinating Committees will work together.

Schiewe noted that another consideration is that the HCPs emphasize that the position is that of a Chair, who also facilitates the meetings. He said that there is an understanding that the Chair has a technical background and participates in the discussions. Korth asked if a scientific background is only a qualification for the Coordinating Committees Chair and Schiewe indicated that it is a qualification for all HCP Committee Chairs. Rose said that after reviewing the HCPs, he could not locate specific language that required a scientific background. Kahler explained that the HCPs do not explicitly stipulate a requirement for a scientific background, however, they do explicitly indicate selection of a Chair—not a Facilitator. He said that a Chair is one who engages in the subject matter, whereas a Facilitator is disengaged and only ensures that a meeting progresses. He said that often times a Chair is a Committee member, which is not the case for a Facilitator. He summarized that, by definition, requirement of a technical background is somewhat implied in a Chair selection. Rose asked what constituted a scientific background (e.g., a degree in the biological sciences). Kahler said a science degree was a good example of one criterion and

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noted the importance of reaching a common understanding of these details. He added that in reviewing the original Scope of Work and Qualifications document that were developed during the first selection process, it is clear that attributes defining a Chair versus a Facilitator were really important to a majority of the parties. He said that these qualifications have served the HCPs well and Douglas PUD is reluctant to change that formula. Rose recommended circulating the original documents. Korth read an excerpt from the updated Qualifications document that was distributed to the Coordinating Committees by Geris on September 23, 2014, as follows:

*Applicants for HCP Coordinating Committees Chair must possess general knowledge and have working experience in at least one aspect of the scientific, engineering, and policy/legal issues within the Columbia Basin hydrosystem, and specifically understand the effects of hydroelectric projects on juvenile and adult salmonids and the various approaches to assessing those effects.*

Kahler said that the updated Scope of Work and Qualifications document that were distributed in September are essentially identical to the documents that were used during the first Chair selection processes, only with some details removed that were no longer applicable to the position. Kahler said that he will provide the original HCP Chair position Scope of Work and Qualifications document to Geris for distribution to the Coordinating Committees. Schiewe recommended that Coordinating Committees members also review the updated HCP Chair position documents that were distributed to the Coordinating Committees by Geris on September 23, 2014, and be prepared to discuss any comments on the documents during the joint HCP Policy Committee and Coordinating Committees on November 6, 2014.

Kahler noted that several HCP Committees members have expressed interest in having the same Chair for both the Hatchery and Coordinating Committees. He added that the Coordinating Committees Chair also serves as the HCP Policy Committee Chair, so the Coordinating Committees Chair would need to be able to work with the HCP Policy Committee in resolving conflicts, if any arise. Korth said that he sees value involving both the Coordinating Committees and HCP Hatchery Committees in the selection

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of the HCP Hatchery Committees Chair. Craig agreed, noting that he and Gale are already discussing the HCP Hatchery Committees Chair position. Carlon also agreed and said that he, Ritchie Graves (NMFS HCP Policy Committee Representative), and Lynn Hatcher plan to meet on November 4, 2014, to discuss the HCP Committees Chair selections.

Kahler asked the Coordinating Committees about their thoughts on selecting the same Chair for both Hatchery and Coordinating Committees. Craig asked if the candidates have been notified about the interest in applying for both Committees. Kahler said that, yes, Douglas PUD asked each candidate about their interest in chairing both Committees and all candidates agreed except for Bill Muir (retired NMFS), whom only indicated interest in the Coordinating Committees. Rose said that this raises the question of whether the Policy and Coordinating Committees place greater importance on the connection between Hatchery Committees (i.e., HCP HC and PRCC HSC) or between the HCPs (i.e., Hatchery and Coordinating Committees). Kahler added that, ideally, Douglas PUD would also like to have the same Chair for the HCPs and Aquatic SWG, which he noted is a shared interest for some.

Rose asked Lance Keller about Chelan PUD's thoughts regarding the HCP Chair selection process. Keller said that Chelan PUD shares the same interests as Douglas PUD, including that Chelan PUD also sees value in selecting the same Chair for both Hatchery and Coordinating Committees, and Chelan PUD also agrees that a technical background is an important quality in a Chair candidate.

Schiewe suggested that Coordinating Committees members take these topics back to their respective agencies for internal discussions and suggested that Douglas PUD and Chelan PUD, as the contracting agencies, take the lead in teeing up these discussions at the joint HCP Policy Committee and Coordinating Committees conference call on November 6, 2014. Korth said that it would be helpful to know the HCP and Aquatic SWG Chairs candidate lists prior to the meeting on November 6, 2014. Kahler agreed and said that he will provide the current HCP Hatchery Committees and Coordinating Committees Chair candidate lists, including whether the respective candidate is also an Aquatic SWG Chair candidate, to Geris for distribution to the

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Coordinating Committees. Kahler also noted that the HCP Chair candidate lists may still be incomplete, however, as of today, are as follows:

<u>Candidate</u>	<u>Coordinating Committees</u>	<u>Hatchery Committees</u>	<u>Aquatic SWG Candidate</u>
Mr. Bill Muir	Yes	No	No
Dr. John Ferguson	Yes	Yes	Yes
Mr. Geoff McMichael	Yes	Yes	Yes*
Mr. Bryan Nordlund	Yes	Yes	Yes*
Dr. Tracy Hillman	Maybe	Unknown	Yes
Mr. Chuck Peven	Maybe	Yes	No
Mr. Tom Schadt	Maybe	Maybe	--
Ms. Elizabeth McMannus	Unknown	Maybe	--

**Notes:**

\* = Nominated, but not selected for interview (however, not yet excluded from potential Chair selection)

-- = Interest not confirmed

Coordinating Committees representatives agreed to review the HCP Coordinating Committees Chair position documents and will: 1) contact any additional qualified candidates to gauge interest in the position; 2) have interested candidates contact Schiewe to discuss the responsibilities of the position; and 3) provide a résumé or CV from interested candidates to Kahler, Keller, and Geris by November 4, 2014.

### **III. Chelan PUD**

#### *A. Rocky Reach and Rock Island September 2014 Juvenile Bypass Operations Results Summary (Lance Keller)*

Lance Keller said that a September 2014 Rocky Reach and Rock Island Bypass Operations Summary (Attachment C) was distributed to the Coordinating Committees by Kristi Geris prior to the meeting on October 28, 2014. Keller recalled that Chelan PUD requested Coordinating Committees approval on September 12, 2014, to end juvenile bypass operations at both the Rocky Reach and Rock Island juvenile bypasses on September 15, 2014, at midnight and at the time of this request the September 1 to 12, 2014 data were provided. He said that Attachment C also includes September 13 to 15, 2014 data for Coordinating Committees review.

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Keller summarized that for Rocky Reach Dam, from September 1 to 15, 2014, a total of 76 juvenile subyearling Chinook salmon passed the dam, which equates to 0.34% of the total index from April 1 through August 31, 2014. He said that downstream at Rock Island Dam, a total of 227 juvenile subyearling Chinook salmon were counted passing the dam. He recalled that at Rock Island Dam, subyearling counts are only representative of Powerhouse 2 flows and that the Columbia River Data Access in Real Time (DART) database expands those data to include total project flow experienced for that sampling period. He said that 227 Chinook salmon expands to 474 subyearling Chinook salmon, which equals 1.39% of the total run. He said that as previously discussed, these passage data for both Rocky Reach and Rock Island dams indicate that a significant component (defined as greater than 5%, as outlined in the Rocky Reach and Rock Island HCPs) of the juvenile emigration do not appear to be present outside the normal bypass operating period of April 1 through August 31.

Keller said that because review of these data were requirements in the Rocky Reach and Rock Island HCPs, Chelan PUD would like to obtain formal approval of fulfillment of these requirements in the form of a SOA. He said that he will provide a draft SOA outlining completion of the Rocky Reach and Rock Island HCP requirements for conducting additional run-timing and species composition monitoring to verify that the normal bypass operating period (April 1 through August 31) is adequately protecting 95% of the spring and summer migrations of juvenile Plan Species.

*B. Draft 2014 Rocky Reach and Rock Island Fish Spill Report (Lance Keller and Thad Mosey)*

Lance Keller said that a draft 2014 Rocky Reach and Rock Island Spill Report (Attachment D) was distributed to the Coordinating Committees by Kristi Geris prior to the meeting on October 28, 2014. He said that he and Thad Mosey (Chelan PUD Spill Lead) developed the draft report and that Mosey, who tracked spill this year, will review the document.

Mosey reviewed the 2014 Rock Island spring spill, as described on page 2 of Attachment D. He noted the higher than usual amount of forced spill due to the Wanapum drawdown. He said that this equated to an overall average spill well above the 10% requirement for Rock Island Dam, which, he added, may have benefited fish passage. He said that spring spill

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ended on May 23, 2014, based on hatchery releases at Wells Dam and CJH. He reviewed the 2014 Rock Island summer spill, as described on page 3 of Attachment D. He noted a spike in the daily average spill from May 24 through June 4, 2014, which he speculated was due to work being conducted on Spill Gate 6, when the gate was wide open. Lastly, Mosey reviewed the 2014 Rocky Reach summer spill, as described on page 1 of Attachment D.

Mosey said that this is his first year as Chelan PUD Spill Lead, which was formerly filled by Steve Hemstrom. Mosey said that with help from Hemstrom and Keller the transition went smoothly and adequate spill coverage was achieved in 2014. Keller also noted that the draft 2014 report was developed using past report templates and also includes charts providing a visual depiction of daily passage and index counts, including when spill started and ended, and a horizontal daily average “spill line” to convey forced spill, as requested by the Coordinating Committees in 2013.

Keller requested any Coordinating Committees edits or comments on the draft 2014 Rocky Reach and Rock Island Fish Spill Report be submitted to Chelan PUD prior to the Coordinating Committees meeting on November 18, 2014, when Chelan PUD will be requesting approval of the report.

*C. Wanapum Drawdown Update (Lance Keller)*

Lance Keller said that since the Wanapum drawdown, Chelan PUD has requested this agenda item to facilitate open discussion and questions from the Coordinating Committees that may not have been addressed during the bi-weekly Wanapum briefings.

Keller said that Rock Island Dam is currently operating in a generation configuration. He said that conditions have been conducive to generating; however, there have also been periods of non-generation on the weekends. He said that during these periods of non-generation, fish are still passing via both fish ladders and via the recent modification in the middle fishway. He said that most passage has been occurring via the right bank denil structure and he added that over the past 6 days, over 2,700 coho salmon have passed via the right bank denil structure alone. He said that on average, 454 coho salmon are passing Rock Island Dam each day. He also noted that six Pacific lamprey passed Rock Island Dam

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from October 24 to 26, 2014. He said that he is currently drafting the Rock Island Dam Interim Fish Passage Plan November 2014 Monthly Report, which will be distributed shortly after November 1, 2014. *(Note: Keller provided the final monthly report to Kristi Geris on November 4, 2014, which Geris distributed to the Rock Island Coordinating Committee that same day.)*

Scott Carlon asked about the current river flow past Rock Island Dam. Keller said that today's river flow past Rock Island Dam is 105,000 cfs (105 kcfs), with an hourly average of 90 kcfs. He said that today, there were 2 hours of non-generation (from 2:00 to 4:00 am.) and he added that during periods of non-generation, river flow is around 45 to 46 kcfs, all of which would be going through the spillway at that point.

#### **IV. WDFW**

##### *A. HCP Hatchery Committees Distribution List Approval – John Penny and Denise McCarver, Eastbank Hatchery Staff (Jeff Korth and Mike Schiewe)*

Mike Schiewe said that Jeff Korth has requested Coordinating Committees approval to provide John Penny and Denise McCarver, Eastbank Hatchery Staff, access to the HCP Hatchery Committees Extranet site. Schiewe recalled that Korth's request follows the formal process that was agreed upon by the Coordinating Committees to keep track of which non-HCP representatives have access to the HCP Extranet sites. Korth explained that the reasoning behind his request is that WDFW is working to improve internal communications with Eastbank Hatchery Staff and that WDFW recommended that those staff attend HCP Hatchery Committees meetings, as appropriate. Coordinating Committees representatives present agreed to provide Penny and McCarver read-only access to the final document library on the HCP Hatchery Committees Extranet site.

Korth also noted that Penny plans to retire soon and asked if Penny's replacement will need to also obtain Coordinating Committees approval to access the HCP Hatchery Committees Extranet site. Coordinating Committees representatives present agreed that once the Coordinating Committees approve HCP Extranet site access for a particular position (e.g., Hatchery Complex Manager or Hatchery M&E Support Staff), succeeding staff filling those positions will be granted HCP Extranet site access without requiring an additional

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review and approval process. Kristi Geris said that she will contact Julene McGregor to request read-only access to the final document library on the HCP Hatchery Committees Extranet site for Penny and McCarver, as approved by the Coordinating Committees. *(Note: Geris sent an email to McGregor following the meeting on October 28, 2014, requesting access for Penny and McCarver, as discussed, and McGregor set up access for Penny and McCarver on October 29, 2014, as requested.)*

## **V. HCP Hatchery and Tributary Committees Update (Mike Schiewe)**

Mike Schiewe said that the HCP Tributary Committees did not meet in October; however, some members toured habitat restoration projects in Canada on October 8 and 9, 2014. Schiewe added that the HCP Tributary Committees also approved two contract amendments, as follows:

- *Methow/Chewuch Shallow Groundwater Monitoring Project*: The Wells Tributary Committee approved the Cascade Columbia Fisheries Enhancement Group's request to shift funding from one labor category to another (the total budget amount will remain unchanged).
- *Entiat Stillwaters Gray Reach Acquisitions Project*: The Rocky Reach Tributary Committee approved Chelan-Douglas Land Trust's request to extend the project timeline so that components could be coordinated (the total budget amount will remain unchanged).
- *Next Steps*: The next HCP Tributary Committees meeting will be held on November 13, 2014.

Schiewe updated the Coordinating Committees on the following actions and discussions that occurred at the last HCP Hatchery Committees meeting on October 15, 2014:

- *Methow River Conditions and Implications for Populations and Hatchery Program Management*: This discussion was a continuation of a topic that Greg Mackey had brought up during the HCP Hatchery Committees meeting on September 17, 2014, regarding how Hatchery Managers can be proactive in mitigating potential impacts of the wildfires that burned areas in the Methow basin. The HCP Hatchery Committees agreed to defer to Hatchery Manager discretion regarding appropriate fish management actions (e.g., flexible release dates). The HCP Hatchery Committees also
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encouraged additional fish health monitoring and review of available science via Burned Area Emergency Response (BAER) reports.

- *HCP Hatchery Committees Chair Position:* There was an extensive discussion regarding the HCP Hatchery Committees Chair position, similar to what was discussed today. To recap, the candidate list includes Dr. John Ferguson, Mr. Geoff McMichael, Mr. Bryan Nordlund, and Mr. Chuck Peven. Also discussed were Ms. Elizabeth McMannus and Mr. Tom Schadt.
  - *Annual Broodstock Collection Protocols Layout:* Mike Tonseth (WDFW HCP Hatchery Committees Representative) worked jointly with USFWS and NMFS staff to develop a streamlined Broodstock Collection Protocols template that includes only necessary information. This template is currently under HCP Hatchery Committees review.
  - *HGMP Update:* Lynn Hatcher provided an update on permitting, which is on schedule for most programs, particularly those for listed stocks in the Wenatchee basin, which include several October 31, 2014 deadlines. The completion target for non-listed permits is spring 2015.
  - *USFWS Consultation Update:* USFWS Ecological Services is still working to complete Biological Opinions for bull trout.
  - *Winthrop National Fish Hatchery (NFH) Pipeline Replacement:* There was a water supply pipe failure at Winthrop NFH. The failure was detected and a repair was started without a loss of fish. The repair is ongoing now.
  - *2016 Expanded Acclimation in the Methow:* The YN introduced a plan to acclimate spring Chinook salmon in the Methow at Goat Wall in 2016, some of which is covered under the new permits. Keely Murdoch plans to develop a draft proposal for HCP Hatchery Committees review.
  - *Transfer of Surplus Carson Hatchery Eggs to CJH:* Kirk Truscott (CCT HCP Hatchery Committees Representative) is working with NMFS and Carson Hatchery staff to obtain approximately 350,000 eyed eggs that would augment the additional broodstock that were obtained from Winthrop NFH. These eggs would go towards making up for the loss of broodstock that occurred earlier this year due to a *Columnaris* outbreak.
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- *Chelan PUD M&E Hatchery Activities Update*: Chelan PUD indicated that 915 redds were identified in the Wenatchee subbasin, which is greater than the 10-year average; however, it is lower last year's redd count.

## **VI. HCP Committees Administration**

### *A. Next Meetings (Mike Schiewe)*

Mike Schiewe said that there has been a request to reschedule the next Coordinating Committees meeting from November 25 to November 18, 2014, in order to accommodate scheduling of the PRCC HSC meeting. Schiewe also asked if Coordinating Committees members preferred an in-person meeting. Jim Craig and Lance Keller both indicated that they will need to call into the meeting due to other obligations. Coordinating Committees representatives agreed that the next Coordinating Committees meeting will be on November 18, 2014, and will be held by conference call. Coordinating Committees representatives also agreed to consider rescheduling the December Coordinating Committees meeting scheduled for December 23 to December 16, 2014, and may hold the meeting by conference call, which will be further discussed during the Coordinating Committees meeting on November 18, 2014.

Schiewe summarized that the next scheduled Coordinating Committees meeting is November 18, 2014, to be held by conference call. The December 16 or 23, 2014, and January 27, 2015 meetings will be held either by conference call or in person at the Radisson Hotel in SeaTac, Washington, as is yet to be determined.

### **List of Attachments**

Attachment A	List of Attendees
Attachment B	Final Broodstock Collection Protocols SOA
Attachment C	September 2014 Rocky Reach and Rock Island Bypass Operations Summary
Attachment D	Draft 2014 Rocky Reach and Rock Island Spill Report

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**Attachment A**  
**List of Attendees**

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<b>Name</b>	<b>Organization</b>
Mike Schiewe	Anchor QEA, LLC
Kristi Geris	Anchor QEA, LLC
Lance Keller*	Chelan PUD
Thad Mosey	Chelan PUD
Tom Kahler*	Douglas PUD
Scott Carlon*	National Marine Fisheries Service
Jim Craig*	U.S. Fish and Wildlife Service
Jeff Korth*	Washington Department of Fish and Wildlife
Bob Rose*	Yakama Nation

Note:

\* = Denotes Coordinating Committees member or alternate

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