

## FINAL MEMORANDUM

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**To:** Wells, Rocky Reach, and Rock Island HCPs  
Coordinating Committees

**Date:** February 25, 2014

**From:** Michael Schiewe, Chair

**Cc:** Kristi Geris

**Re:** Final Minutes of the January 28, 2014 HCPs Coordinating Committees Meeting

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The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans (HCPs) Coordinating Committees met at the Radisson Gateway Hotel, in SeaTac, Washington, on Tuesday, January 28, 2014, from 9:30 am to 1:00 pm. Attendees are listed in Attachment A of these meeting minutes.

### ACTION ITEM SUMMARY

- Anchor QEA will revisit the HCP email distribution lists and revise the lists consistent with Coordinating Committees' guidance (Item II-B).
- Anchor QEA will coordinate with Douglas PUD to ensure that Coordinating Committees representatives receive the access information needed to participate in the Wells Hatchery Modernization Workshop on February 12, 2014 (Item II-C).
- Tom Kahler will provide Bryan Nordlund with the Wells Hatchery Modernization 30% design drawings (Item II-C).
- Chelan PUD will provide: 1) their new Valid Flow Duration Curves; 2) a brief summary describing the underlying data and the calculation methods used; and 3) a draft Statement of Agreement (SOA) memorializing the new Valid Flow Duration Curves, prior to the Coordinating Committees' meeting on March 25, 2014 (Item IV-A).
- Chelan PUD will add to their draft Chelan PUD 2014 Wells Rocky Reach and Rock Island Action Plan "Juvenile Monitoring Activities at the Rock Island Bypass" from April 1, 2014 until August 31, 2014, as requested (Item IV-B).
- Coordinating Committees representatives will provide edits and comments on the draft Chelan PUD 2014 Rocky Reach and Rock Island Action Plan to Chelan PUD no later than Friday, January 31, 2014 (Item IV-B).

- Chelan PUD will request approval of the draft Chelan PUD 2014 Rocky Reach and Rock Island Action Plan at the Coordinating Committees' meeting on February 25, 2014 meeting (Item IV-B).
- Steve Hemstrom will determine what documentation is publically available regarding the City of Entiat's proposed development of a 65-slip public marina, and will provide those documents to the Coordinating Committees (Item IV-D).
- Bryan Nordlund will provide an official letter designating the current National Marine Fisheries Service (NMFS) HCP Committees representation (including alternative representation) to Kristi Geris for the administrative record (Item V-A).

## **DECISION SUMMARY**

- The Coordinating Committees representatives present approved the Douglas PUD 2014 HCP Wells Action Plan, as revised (Item II-C).
- The Coordinating Committees representatives present approved the Wells Dam 2014 Juvenile Fish Bypass Operating Plan (BOP), as revised (Item II-D).

## **AGREEMENTS**

- The Coordinating Committees representatives present supported Douglas PUD's request to NMFS to modify their existing Permit 1395 to allow trapping of hatchery-origin (HO) steelhead at Wells Dam from February through April 2014 in order to fulfill steelhead broodstock obligations required for several programs, with the stipulations that the Coordinating Committees are consulted during the trapping period, and updated on progress toward the collection goal and informed of any indications of passage delays; and that the ladder trapping will be terminated first before other collection actions are terminated (Item II-A).
- The Coordinating Committees representatives present supported the Yakama Nation's (YN's) proposal to extend coho trapping activities at Wells Dam from the traditional 3 days per week, 16 hours per day, to a modified 5 days per week, 9 hours per day, beginning September 27, 2014, and ending October 10, 2014, 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 Coordinating Committees of the modified trapping operations during the initial years of implementation; and 3)

the YN providing a report to the Coordinating Committees summarizing trapping efforts with the modified operations (Item III-A).

## REVIEW ITEMS

- Kristi Geris sent an email to the Coordinating Committees on January 10, 2014, notifying them that the draft Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan is available for review. Comments are due to Chelan PUD no later than Friday, January 31, 2014 (Item IV-B).

## DOCUMENTS FINALIZED

- The Douglas PUD 2014 HCP Wells Action Plan that was approved by the Coordinating Committees on January 28, 2014, was finalized and distributed to the Coordinating Committees by Kristi Geris that same day (Item II-C).
- The Wells Dam 2014 Juvenile Fish BOP that was approved by the Coordinating Committees on January 28, 2014, was finalized and distributed to the Coordinating Committees by Kristi Geris that same day (Item II-D).

## I. Welcome

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

- Tom Kahler added a Wells Hatchery Steelhead Broodstock update.
- Bryan Nordlund added a NMFS HCP Representation update.

### A. Meeting Minutes Approval (Mike Schiewe)

The Coordinating Committees reviewed the revised draft December 17, 2013 conference call minutes. Kristi Geris said that all comments and revisions received from members of the Committees were incorporated in the revised minutes, and that there were no outstanding edits or questions to discuss. The Coordinating Committees members present approved the December 17, 2013 conference call minutes, as revised. Geris will finalize the meeting minutes and distribute them to the Committees.

## **II. Douglas PUD**

### *A. Wells Hatchery Steelhead Broodstock Update (Tom Kahler)*

Tom Kahler said that obtaining steelhead broodstock to compensate for the loss that was experienced last November has been challenging. He said that Wells Hatchery staff have been operating the Wells volunteer channel; however, the majority of fish observed have been natural origin. He said that given the current situation and after much discussion, Douglas PUD has decided to begin broodstock collection efforts by hook and line starting on January 29, 2014, in the Methow River. He said, in total, a little more than 180 steelhead are needed to fill required programs. He said, in addition to hook and line in the Methow, Douglas PUD also proposes to request from NMFS a modification of Permit 1395 that will allow trapping in the Wells fish ladders between February and April 2014 (with spring Chinook trapping already starting May 1, 2014). He said that approval from the Coordinating Committees will also be needed because the proposed activities relate to fish passage. He said that Douglas PUD would like to obtain Coordinating Committees approval prior to submitting the request to NMFS. He said the past 5 years of fish passage data at Wells Dam were reviewed, which indicated only steelhead passing during the proposed time period, with increasing steelhead detections during March. He added that broodstock collection efforts will also be ongoing at the Twisp Weir beginning in early March 2014, the surplus HO fish from which will be used for the Methow Safety-Net Program; however, it is not expected that trapping at the weir will collect enough steelhead for the full program. Additionally, trapping in the outfalls for the Methow and Winthrop National Fish Hatcheries will also occur.

Jim Craig asked what caused the loss of Wells steelhead broodstock. Kahler recalled that on November 17, 2013, Biomark was on site to passive integrated transponder (PIT)-tag fish, and treated water used to disinfect the tagging equipment was discharged to the parking lot where it ran into what hatchery staff believed to be a storm drain that was tied into the main drain of the hatchery; however, the drain led into the steelhead holding pond. Kahler said the drain was welded shut following the incident, and added that as part of the Wells Hatchery Modernization, HDR Engineering, Inc. (HDR), used ground-penetrating radar to locate all underground pipes, and they plan to reconstruct all hatchery plumbing.

Kahler summarized that Douglas PUD is requesting permission from the Coordinating Committees to trap outside their typical window, and then a formal request will be taken to NMFS for a permit modification. Kirk Truscott asked if, during Douglas PUD's review of passage data, they were able to distinguish between adipose fin (ad)-present and ad-clipped fish. Kahler said the proportion of the total run that passed during the proposed trapping period has not been calculated; however, he said in each year the number of ad-present fish was more than half the total passing in that period. He said, for example, that for 2012, approximately 508 fish passed Wells Dam between January 1 and April 30, 366 of which were ad-present, including some hatchery fish that were not ad-clipped.

Bryan Nordlund asked if Douglas PUD has consulted the HCP Hatchery Committees. Mike Schiewe said they have, and added that Mike Tonseth indicated that based on PIT-tag data, about 1,400 to 1,500 HO steelhead are between Rocky Reach Dam and Wells Dam; it is just a matter of determining how to obtain them. Truscott asked if Wells Hatchery Staff have considered running additional attraction flow in the volunteer channel, and Kahler said that he is not sure if they had tried it.

Kahler said the proposed trapping will be conducted using standard permit trapping protocols, which is 3 days per week, 16 hours per day, in both ladders at Wells Dam. He said that Douglas PUD would like for all broodstock collection options to be operating, including: 1) collection efforts in the Methow River (hook and line, Twisp Weir, hatchery outfalls); 2) the Colville Confederated Tribes' (CCT's) efforts at the Omak Weir and possibly at Wild Horse Springs; 3) Wells Hatchery outfall; and 4) trapping in the ladders at Wells Dam.

Schiewe asked the Coordinating Committees if they would be in support of Douglas PUD requesting the necessary permit modifications from NMFS in order to optimize chances of obtaining fish. Jeff Korth asked why Permit 1395 only covers trapping in the ladders at Wells Dam between July and November. Kahler explained that those dates were based on the historic WDFW trapping schedule at Wells Dam that focused on the peak of the run. He said that the new Permit 1395, which has yet to be issued, should include the late-winter/early-spring trapping at Wells and the Methow-specific and Okanogan-specific trapping locations to match the spawn-timing targets in the respective steelhead HGMPs, which he anticipated will result in a modification to those dates.

Truscott asked if there are data indicating about how many natural-origin (NO) steelhead pass Wells Dam during the period of proposed trapping. Kahler said that in 2011, a total of 377 steelhead passed Wells Dam, 277 of which were ad-present. Truscott recalled that data presented in the report “Assessment of Adult Steelhead Migration through the Mid-Columbia River using Radio-Telemetry Techniques, 1999-2000” (LGL Limited and BioAnalysts 2001), which Kahler distributed to the Coordinating Committees on January 27, 2014, indicated that trapping caused substantial delays in steelhead passage. He said considering those 2011 data, some NO steelhead could be impacted. Nordlund asked when broodstock collection at the different locations will commence. Kahler said trapping at the Twisp Weir will begin the first week of March. Truscott said broodstock collection will start at the Omak Weir once the ice melts, which he noted may be as early as mid-February this year. He added that the full broodstock target for the Okanogan Program is 58 steelhead including 42 HO fish and 16 NO fish. He said, as discussed by the HCP Hatchery Committees, due to highly variable collection efficiency in the Okanogan, the CCT plans to collect the full number of 58 broodstock from the Wells Hatchery volunteer channel to ensure the program is met.

Kahler acknowledged Truscott’s concern of potentially impeding NO steelhead close to spawning; however, he also noted that there are five programs with basically no broodstock. He added that all of those programs will be at risk of being dramatically under-seeded. Truscott told Kahler he will further review the LGL Limited and BioAnalysts (2001) report, and will also review the percent of NO steelhead passing Wells Dam in late-winter/early-spring, in an effort to gain more insight into impacts on NO steelhead.

Schiewe said it seems that all efforts need to be started simultaneously, and the ladder traps should then be the first collection locations to stop when possible. Bob Rose questioned whether the impacts of delays are real or perceived impacts. He said that although he respects different opinions, he believes a slight delay may be less of an impact to steelhead than, for example, the stress a fish is put through with hook and line angling. He added that he believes the primary objective is to fill the programs, and a little bit of risk is worth doing that. Kahler said that the LGL Limited and BioAnalysts (2001) report evaluated passage on trapping days versus non-trapping days, and those data indicated definite delays. Rose

acknowledged those data, but said the question is what the overall effect of those delays is. Nordlund said that from an Endangered Species Act (ESA) standpoint, delay is a form of take. He said that, as such, a conservative approach should be taken. He added that he also recognizes the importance of filling these programs, but delay in the main ladder should be a concern. Rose asked Nordlund how he would compare the effects of delay to the effects of hook and line angling. Nordlund said that angling is covered under a scientific collection permit. He also agreed with Rose that the hook and line method has adverse effects; however, he said he is unaware of any analyses that compare the two methods. He said that he is not implying he would not support trapping at Wells Dam, and added that he is more in support of the programs.

Truscott said the proposed trapping would operate about 43% of the time during the week, leaving the balance of the week for unimpeded passage. He said that the CCT supports this proposal. He added, however, that he would be interested in discussing a trapping schedule that would minimize the delays; for example, trapping consecutive days versus skipping a day in between trapping days. He said he recalls that between July and November, trapping success decreased with more consecutive days of trapping.

Korth asked if there is anything that can be done this year to help inform trapping in future years. Kahler said the step needed now is to get permission for these activities, and added that other considerations and details can be discussed later, as the actual trapping would not start until March 2014. Rose said that the YN supports Douglas PUD's request. Nordlund said that NMFS also supports the request, and added that he also likes Schiewe's suggestion to shut down the ladder traps first, when possible.

The Coordinating Committees representatives present supported Douglas PUD's request to NMFS to modify their existing Permit 1395 to allow trapping of HO steelhead at Wells Dam from February through April 2014 in order to fulfill steelhead broodstock obligations for various programs, with the stipulation that the Coordinating Committees are consulted regarding the trapping schedule during this extended time period.

*B. PRESENTATION: HCP Coordinating Committees Extranet Site (Tom Kahler and Julene McGregor)*

Tom Kahler said the Extranet platform was chosen as the new HCP document repository. He said the new repository is also in a location that can be accessed more directly by signatories to the HCPs. Mike Schiewe added that Chelan PUD has now agreed to house their HCP documents on the shared Extranet site, as well.

Julene McGregor, Douglas PUD Information Systems Staff, reviewed the HCP Coordinating Committee Extranet site help sheet (Attachment B) that Kahler handed out to the Coordinating Committees. She said that this help sheet provides instructions on how to access the HCP Coordinating Committee Extranet Site homepage. She emphasized the importance of the “s” following “http” in the URL that is needed to access the login page. She explained that from <https://extranet.dcpud.net>, non-Douglas PUD employees will need to select “Forms Authentication” from the drop down menu, which will bring up the username and password page. The username format is [<first name>.<last name>]. She said that following the meeting, each Coordinating Committees member will receive an email with a username and instructions for creating a password. She noted that this email is time-sensitive, but if the functions within the email expire before a password is set up, there is a “Forgot your password?” feature on the username and password page, as shown on Attachment B. She said that if at any time a password needs to be reset, selecting that hyperlink will cause another email to be distributed with instructions for resetting a password. After entering a username and password, a person should select “Sign In,” which will bring up the Douglas PUD Extranet Site Homepage. *(Note: due to traveling schedules and the time-sensitivity of the password setup functions, it was later decided to postpone distributing emails with username and password instructions; the emails were distributed on February 3, 2014.)*

McGregor said that, from the Douglas PUD Extranet site homepage, a person should select “Natural Resources” from the left panel, and then from the Natural Resources homepage, select “HCP CC” from the left panel. This will bring up the HCP Coordinating Committee Extranet site homepage. The homepage includes a document block, which lists the most recently modified documents, and also a contacts list, which is located along the right margin of the homepage. A “Documents” menu is located along the left panel, which contains

different views based on document type (i.e., action items, agendas, agreements, etc.). To view a document, a person should click on the document title and the file will open in a “read-only” format. McGregor noted that all views in the left panel are also located along the top of the columns above the document block. She said the column headers can be selected to sort files in ascending or descending order by name, and she also noted that the columns can be filtered (for example, by year). McGregor added that, in order to sort or filter a column, a person should hover the mouse over the column header and an arrow will appear; selecting this arrow will bring up the sort and filter options.

McGregor noted the “Find a file” search box located above the document block. She said by querying a keyword in this search box, all files within the current view will be searched. She also noted the “Search this site” box in the upper right corner of the site, which will search all documents in all views on the site. She said search results can be further filtered by document type, author, and modified date (located along the left panel of the “Search” page).

McGregor reviewed the “Document Drop,” located along the left panel. She said this feature will now be used for submitting edits to meeting minutes in lieu of submitting revisions via email attachments. She said that, to edit meeting minutes, a person should first save the draft minutes to their hard drive. Once the draft minutes have been edited as needed, they will need to be uploaded back onto the Extranet site via the “Document Drop.” This can be done via the “(+) new document” link or via the “Files” ribbon (i.e., “Upload Document”). She explained that documents uploaded to the “Document Drop” can only be viewed by her, Kristi Geris, and the person who uploaded the document. She said that Geris has an alert set up for the “Document Drop” that notifies her any time modifications are made to the “Document Drop,” e.g., when a document is uploaded (these alerts can be set up for most folders, or views, on the site). Each document is linked to the user that uploads it, so Geris will know who uploaded each document. The “Document Drop” view also has an “Incorporated Edits” column. Once Geris incorporates edits from a particular document, she will change that column from “No” to “Yes” to indicate that those edits have been incorporated into the revised meeting minutes.

McGregor said that the Aquatic Settlement Work Group (SWG) and HCP Hatchery Committees Extranet sites are also up and running. She said that she will always be available

to help, and also noted the “Help Documents” view located below the “Document Drop.” She said that this view contains resources that help new users navigate the site, as well as instructions for creating personalized views.

Bryan Nordlund asked if all of the files saved on Anchor QEA’s ftp site have been transferred to the HCP Extranet sites. Kahler said that they have except for Chelan PUD-specific documents. He explained that initially, Chelan PUD was unsure whether they wanted to use the Extranet site to house their HCP documents, so their documents were not uploaded to the site. He said now that Chelan PUD has decided to use the Extranet site as their HCP document repository, Geris is working with them to upload their documents, as needed.

Nordlund asked if anyone can upload documents to the Extranet site for others to view, and if the Coordinating Committees could agree to maintain the existing system of relaying documents through Geris for distribution (or rather, posting). McGregor said, for example, that Nordlund could upload a document to the Document Drop where Geris could retrieve it, modify the file title as needed, and upload the file in the appropriate view; and then notify the Coordinating Committees. She said that currently, the file size limit is set at 50 Mb, but that parameter can be adjusted, as needed.

Steve Hemstrom asked what the “Modified” column represents. McGregor explained that the “Modified” date indicates the last date a document was edited in any way, versus the “Created” date, which indicates when a document was uploaded to the Extranet site. She said that often these two dates are the same. She also noted that version history can be tracked on each document.

Hemstrom said that, in discussing the site with Keith Truscott, he had indicated that he would like for the site to be presented as a HCP site, rather than only a Douglas PUD site. Kahler said that Shane Bickford and Truscott have been discussing how to address this request.

Kahler said that when the HCP Hatchery Committees Extranet site was presented to the HCP Hatchery Committees, questions regarding access to the sites were raised. Specifically, the HCP Hatchery Committees requested access to final Coordinating Committees

documents, as well. Kahler suggested allowing access to all final documents, as requested, but limiting access to draft documents to each respective HCP Committees. He further suggested housing all draft documents in the Document Drop and then securing the Document Drop to Committees members only. McGregor agreed that is a potential option, and also suggested creating a “Drafts Library” that only Committees members can access. Nordlund suggested handling draft documents in the traditional way (i.e., via email attachments), and added that this seems like an easier method for accessing documents than via the Extranet site. Bob Rose agreed with Nordlund, and suggested only posting final documents to the Extranet site. He added that if file size is the impetus for using the Extranet site as opposed to sending email attachments, then perhaps it makes sense to delineate a file size that determines whether a document is distributed via email or posted to the Extranet site.

Schiewe said that the real value of the Extranet site is to have the ability to search documents more efficiently. He said the other capabilities are just taking advantage of the SharePoint platform, but are not mandatory. Kahler noted that if email attachments continue to be implemented for draft documents, then he suggested revisiting the distribution lists. Rose said the lists should only include Committees representatives and alternates. Schiewe explained that the lists have grown due to requests from signatory parties to add additional staff members to the lists, and he agreed that the lists should be revisited. He also endorsed allowing all HCP Committees access to all final documents, and noted that if other staff members request to view a document or provide edits, they will need to coordinate with their respective HCP Committee representative to do so. He also noted that there will be certain exceptions to the distribution lists, for example, Bickford, Truscott, and other HCP Policy Representatives. Schiewe said that Anchor QEA will revisit the HCP email distribution lists and revise the lists consistent with Coordinating Committees’ guidance.

Rose asked if HCP Hatchery Committees documents are also housed on the HCP Coordinating Committees Extranet site, and McGregor said that the HCP Hatchery Committees have their own Extranet site where their documents are housed. Kahler noted that the HCP Tributary Committee is the only HCP Committee that currently does not have a site. He noted that they are working on a site for the HCP Tributary Committee but chose to develop the Hatchery and Coordinating Committees’ sites first since those Committees

routinely use archived files and have requested easier access to those files, while no one on the Tributary Committee has shown similar interest in file archives.

*C. DECISION: Douglas PUD 2014 HCP Wells Action Plan (Tom Kahler)*

Tom Kahler said that the HCP Hatchery Committees and Tributary Committees approved their respective portions of the draft Douglas PUD 2014 HCP Wells Action Plan. He said that the HCP Hatchery Committee provided edits on the draft Action Plan, which were incorporated into the revised draft Douglas PUD 2014 HCP Wells Action Plan that was distributed to the Coordinating Committees by Kristi Geris on January 16, 2014.

Kahler reviewed the recent edits, including the addition of the installation of additional fish-counting work stations. He said that the action, “upgrades to the full-duplex and half-duplex PIT-tag detection system,” was removed, and he added that those upgrades are now scheduled for the 2014/2015 maintenance period. He noted edits made to the HCP Hatchery Committees portion of the draft Action Plan, including the addition of a Hatchery and Genetic Management Plan (HGMP) section. He also noted the adjusted date for the Wells Hatchery Modernization Final Construction Drawings. He said that HDR is the firm that developed the designs, and they plan to discuss the 30% design drawings at a Wells Modernization Workshop being held following the HCP Hatchery Committees meeting on February 19, 2014, at Douglas PUD. He said that interested Coordinating Committees representatives could participate, and Mike Schiewe said that Anchor QEA will coordinate with Douglas PUD to ensure that Coordinating Committees representatives receive the access information needed to participate in the Wells Hatchery Modernization Workshop on February 19, 2014. Kahler said he will provide Nordlund with the Wells Hatchery Modernization 30% design drawings.

The Coordinating Committees representatives present approved the Douglas PUD 2014 HCP Wells Action Plan, as revised, and the Action Plan was finalized and distributed to the Coordinating Committees by Geris that same day (Attachment C).

*D. DECISION: Douglas PUD 2014 Wells Dam Juvenile Fish BOP (Tom Kahler)*

Tom Kahler said that the review period for the draft 2014 Wells Dam Juvenile Fish BOP and the draft 2014 Well Dam Gas Abatement Plan (GAP) ended on January 17, 2014, and no

comments were received on either draft plan, and specifically, both Bryan Nordlund and Jim Craig noted via email (January 13, 2014, and January 16, 2014, respectively) that they had no comments on the 2014 GAP. He said that concurrent with the Coordinating Committees review of the draft 2014 BOP, the Aquatic SWG was also reviewing the draft 2014 GAP and Juvenile Fish BOP. He said that Pat Irle from the Washington State Department of Ecology provided comments to Andrew Gingerich on the draft 2014 GAP and BOP, which were forwarded to the Coordinating Committees by Kristi Geris on January 24, 2014. Kahler said that one revision to note is an update to the Wells Hydroelectric Project Spill Playbook that is appended to the draft 2014 Wells Dam GAP and BOP. He explained that during the past couple of years, concentrated spill was met using Spillbays 5 and 6 because unit 7 was being rebuilt. He said that when the 2014 Spill Playbook was initially developed, Douglas PUD planned to shift concentrated spill back to unit 7; however, now it does not appear that unit 7 will be ready. Therefore, a section in the Spill Playbook was edited to allow concentrated spill through Spillbays 5 and 6, or through unit 7 when it is ready.

The Coordinating Committees representatives present approved the Wells Dam 2014 Juvenile Fish BOP, as revised, and the plan was finalized and distributed to the Coordinating Committees by Geris that same day (Attachment D).

### **III. Douglas PUD and the Yakama Nation**

#### *A. DECISION/DISCUSSION: Proposed Coho Trapping at Wells Dam (Tom Kahler, Tom Scribner, and Cory Kamphaus)*

Tom Scribner said the next phase of the YN Coho Program transitions from feasibility testing to a focus on natural production in the Methow, and a supplementation program that relies on obtaining returning adults. He said that up to this point, coho trapping has been accomplished in conjunction with other ongoing hatchery programs (Wells steelhead). However, with the new focus on supplementation, the YN can no longer obtain coho in conjunction with WDFW steelhead trapping in September and early-October, and will need to extend their (YN) trapping activities in the fall at some locations, and consider new trapping at additional locations. He said these are described in the Biological Assessment for the coho program.

Cory Kamphaus explained that the YN is proposing to modify trapping operations at Wells Dam from the traditional 3 days per week, 16 hours per day, to 5 days per week, 9 hours per day, for a certain period of time. He said that Tom Kahler raised the concern that this modified trapping schedule would cause delays in steelhead passage and indicated that the Coordinating Committee would need to approve of the proposed trapping because of the potential to affect passage of other Plan Species. Kamphaus said that their original request was to commence trapping on September 1, 2014, and to end trapping on October 10, 2014; this period was based on steelhead passage in 2004, and the estimated end of the coho run. He said that since that initial request, the YN has reviewed steelhead passage data from a 10-year period which indicate that, on average, coho do not pass Wells Dam until late-September. As a result, the YN has adjusted the modified trapping schedule to operate from September 27, 2014 through October 10, 2014, with the regular trapping schedule resuming after October 10, 2014. He said that according to the 10-year average, by September 27, about 70% of the steelhead run has passed Wells Dam, and 6% of the coho run has passed. By October 1, 80% of the steelhead run has passed Wells Dam, and 12% of the coho run has passed. He noted that the extended trapping is proposed after the majority of the steelhead run has passed the dam.

Kirk Truscott asked about summer and fall Chinook passage during this same period.

Kamphaus replied that by September 27, 93% of the summer and fall Chinook run has passed Wells Dam, and by October 1, 93.5% of the run has passed; so almost the entire summer and fall Chinook run has passed Wells Dam by that time.

To evaluate potential effects of passage delays on steelhead, Kamphaus said he reviewed PIT-tag data for 2011 Priest Rapids returning adults, and filtered the results to steelhead detected at Wells Dam, as well as detected at the lower Methow instream array. He said a total of 175 steelhead were detected, 80% of which, after passing Wells Dam, remained in the Wells Reservoir and did not move into the Methow until the following spring; hence, the majority of those fish exhibited a mean overwintering residence time of 165 days. He said that for fall emigrants entering the Methow, the average travel time between Wells Dam and the Methow was only 19 days. Scribner asked about the origin of the PIT-tagged steelhead in this sample, and Kamphaus replied that those data appeared to be about two-to-one HO-to-

NO steelhead. He added that he is uncertain if that ratio is due to the Priest Rapids sampling protocol, or other reasons.

Bryan Nordlund asked if higher trapping efficiency is the reasoning behind the modified trapping schedule, and Kamphaus said that is correct. He added that there is uncertainty that enough adults will be collected with the current trapping schedule. He also noted that there are several unknowns with the shift in schedule, and that the modified trapping schedule will only be implemented as needed (i.e., the regular schedule will resume once enough coho are obtained). *(Note: Kamphaus later clarified that his use of the term “obtained” was in reference to bi-weekly quotas. He said, for example, if in a high escapement year, collection rates are good and goals are being met with fewer trapping days, then future collection days will continue to be minimized for the remainder of the season (i.e., broodstock collections will be managed to minimize impacts to listed fish.)* Nordlund noted that Kamphaus shared data for both September 27 and October 1, and asked if the YN is considering both dates as potential start dates for the modified schedule. Kamphaus said that the YN prefers to shift to the modified schedule on September 27, and that he only shared the October 1 data in case the Coordinating Committees had any major concerns with the earlier date. Jeff Korth suggested that while the modified trapping schedule is being implemented, the YN should track PIT-tags at Rocky Reach Dam and Wells Dam to monitor for significant changes in travel times between the dams. Nordlund agreed with this suggestion, particularly for fish destined for the upper river.

Kahler noted the larger than usual fall Chinook run that started passing Wells Dam in October 2013, peaked in late October, and tapered in November. He added that there were also higher numbers of NO steelhead than HO steelhead. He said he is unsure whether 2013 was an anomaly, but thought it was worthy to note. Kamphaus said he noticed this as well, and that 2013 was definitely a peak year for fall Chinook in the 10-year average.

Scribner noted that according to ESA standards, delay is a form of take. He asked if the Coordinating Committees have any concerns based on data that Kamphaus just presented. Jim Craig said data indicating that steelhead overwinter in the reservoir eases some of his concerns about possible delays and their effects. He asked if there should be concern for lamprey passage, and Kahler indicated that lamprey pass Wells Dam at night.

Bob Rose indicated support for the proposed modified trapping schedule. Nordlund said he also supports the proposed schedule, with a preference for starting the modified schedule at the more conservative start date of October 1. He added, however, that if passage at Rocky Reach Dam and Wells Dam is monitored, as Korth suggested, he would also support the earlier start date of September 27.

Kirk Truscott questioned the impacts of trapping longer versus shorter hours, and consecutive versus nonconsecutive days. He said he supports incorporating the modified trapping schedule in the Biological Opinion (BiOp), but with the provision that details of the trapping schedule (e.g., frequency) will be reviewed annually, and will be contingent upon Coordinating Committees approval. He added that the modified trapping schedule should be evaluated regularly to ensure the extended trapping is optimal for all resources. Mike Schiewe asked if Truscott is suggesting developing a “trigger,” and he replied that regular Committees discussion should be adequate. Nordlund suggested holding a general trapping discussion each spring to lay out the plans for trapping that year.

Kamphaus said that with regards to monitoring, it will be important to know where each fish was tagged in order to understand their homing; otherwise, the daily counts could be misinterpreted because there is no guarantee that the fish was destined to pass Wells Dam. Nordlund asked how many fall Chinook were tagged above Wells Dam. Kahler and Lance Keller indicated that enough were tagged to support an analysis.

The Coordinating Committees representatives present supported the YN’s proposal to extend coho trapping activities at Wells Dam from the traditional 3 days per week, 16 hours per day, to a modified 5 days per week, 9 hours per day, beginning September 27, 2014, and ending October 10, 2014, 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 Coordinating Committees of the modified trapping operations during the initial years of implementation; and 3) the YN providing a report to the Coordinating Committees summarizing trapping efforts with the modified operations.

## **IV. Chelan PUD**

### *A. Valid Study Flow Duration Curves (Steve Hemstrom)*

Steve Hemstrom said that the numbers that were discussed at the last Coordinating Committees meeting were re-checked and verified. He said those data just need to be charted, which has not yet been completed. Bryan Nordlund asked if Chelan PUD planned to develop an SOA, and Hemstrom said that they can do so. He said that Chelan PUD will provide: 1) their new Valid Flow Duration Curves; 2) a brief summary describing the underlying data and the calculation methods used; and 3) a draft SOA memorializing the new Valid Flow Duration Curves, prior to the Coordinating Committees' meeting on March 25, 2014.

### *B. Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan (Lance Keller)*

Lance Keller said that the draft Chelan PUD 2014 HCP Rocky Reach and Rock Island Action Plan was distributed to the Coordinating Committees by Kristi Geris on January 10, 2014. He said no comments have been received on the draft Action Plan, and added that the Action Plan is similar to last year's. He noted that although pikeminnow ladder trapping has not been conducted in the past couple of years, like in the 2013 Action Plan, the activity will still be included in the 2014 Action Plan. He explained that in the past couple of years, the proposed activity has overlapped with the sockeye return; and a healthy return is again expected in 2014. He said, however, that if there is an opportunity to trap pikeminnow in the ladders, they will do so.

Bryan Nordlund asked what the difference is between the Bypass Operations Plan, the Passage Plan, and the Spill Plan. Keller said that the Bypass Operations Plan is specific to the Rocky Reach Juvenile Fish Bypass System, which also summarizes alternative operations implemented while Turbine Unit 2 (C2) goes down for maintenance (similar to last year when Turbine Unit 1 [C1] went down). He said that the Spill Plan outlines the spill level targets, durations, and analyses that will be completed, and the Passage Plan is a Federal Energy Regulatory Commission (FERC) license requirement and Clean Water Act Section 401 water quality certification requirement that is a summary of all three plans. He added that the Spill Plan is a part of the larger, all-encompassing Passage Plan. Keller said that

these plans will be provided to the Coordinating Committees for review in the coming weeks.

Kirk Truscott asked where among the Coordinating Committees activities shown on the action plan the juvenile monitoring activity at the Rock Island Bypass is. Hemstrom said that activity is conducted from April 1, 2014, until August 31, 2014, and he said he will add that activity to the draft Action Plan, as requested. Truscott asked about the potential decrease in detection efficiency of the PIT-tag detection system at Rock Island. Both Hemstrom and Keller said they were unaware of this issue, and said that they will coordinate with Truscott to discuss it further.

Coordinating Committees representatives will provide edits and comments on the draft Chelan PUD 2014 Rocky Reach and Rock Island Action Plan to Chelan PUD no later than Friday, January 31, 2014. Chelan PUD will request approval of the draft Action Plan at the Coordinating Committees' meeting on February 25, 2014.

*C. Rocky Reach Large Unit Repair Update (Lance Keller)*

Lance Keller recalled Chelan PUD's action item from the Coordinating Committees' meeting on December 17, 2013, to check on the use of the Battelle Pacific Northwest National Laboratory (PNNL) turbine passage model to help inform the interim fix planned for the Rocky Reach Dam turbine units. He said that Steve Hemstrom followed up and concluded that a lot of additional modeling would be involved that would not fit the timeline needed to fix the turbines. He said that Chelan PUD held a conference call with Bryan Nordlund and the lead engineer developing the interim and long-term repairs, and there was a good discussion about why Chelan PUD chose the proposed operating angles with regards to unit integrity and fish concerns. Nordlund added that he understood that a lot of detail would need to be added to PNNL's models, and it seems the results would come out close to what Chelan PUD already determined in terms of cavitation; so he said that he supported what Chelan PUD proposed.

Keller said that the latest Rocky Reach Large Unit Repair Update (Attachment E) was distributed to the Coordinating Committees by Kristi Geris on January 24, 2014. He noted that Turbine Unit 9 (C9) returned to service in the temporary, fixed-blade mode. He said he

received positive feedback from the lead engineer, saying that C9 was running quieter and more efficiently with the fixed-blade mode. He added that Turbine Unit 8 (C8) is currently dewatered and is scheduled to be back online by February 28, 2014.

*D. Entiat Marina (Steve Hemstrom)*

Steve Hemstrom said that he wanted the Coordinating Committees to be aware that the City of Entiat is proposing to construct a 65-slip public marina in the Rocky Reach Reservoir just upstream of the mouth of the Entiat River. He said that the proposed work involves dredging, pile driving, and excavation activities, among which is removal of about 101,700 cubic yards of material waterward of the 200-foot shoreline zone, including 24,400 cubic yards from below the high water mark. He added that a fuel dock is also proposed. The proposed work requires obtaining U.S. Army Corp of Engineers (USACE) permits, which also necessitates the development of a Biological Assessment (BA), which has already been completed. Hemstrom said that if permits are obtained, Chelan PUD will be required to apply for a FERC amendment because the marina is considered a non-Project-related modification and use, inside the project boundary. Hemstrom said that he wanted the Coordinating Committees to be aware of this work because of its potential impact on aquatic habitat.

Kirk Truscott asked where to locate information regarding this proposed work. Hemstrom said that he will determine what documentation is publically available regarding the City of Entiat's proposed development of the marina, and will provide those documents to the Coordinating Committees. Lance Keller added that the Joint Public Notice for the proposed marina is available online at <http://www.ecy.wa.gov/programs/sea/fed-permit/pdf/201301049JPN.pdf>. *(Note: Kristi Geris notified the Coordinating Committees on January 29, 2014, that the City of Entiat Marina BA is available for download from the ftp site.)*

## **V. NMFS**

*A. NMFS HCP Representation Update (Bryan Nordlund)*

Bryan Nordlund said that he will provide an official letter designating the current NMFS HCP Committees representation (including alternates) to Kristi Geris for the administrative record. He said that following the consolidation and creation of the new NMFS West Coast

Region, Ritchie Graves has been designated the new NMFS Policy Representative for both the HCP and Priest Rapids Coordinating Committees. He said he will soon be transitioning Scott Carlon into the HCP Coordinating Committees to eventually take over as the new NMFS HCP Coordinating Committees Representative; and Justin Yeager will be Carlon's alternate. Nordlund said that Yeager will also be the new NMFS HCP Tributary Committees Representative. He said that Lynn Hatcher will continue to be the NMFS HCP Hatchery Committees Representative, with Craig Busack as his alternate. He said that he plans to bring Carlon and Yeager to a Coordinating Committees meeting in April or May 2014 to bring them up to speed regarding how the Committees work.

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

Mike Schiewe updated the Coordinating Committees on the following actions and discussions that occurred at the last Tributary Committees meeting on January 9, 2014:

- *Review of Policies and Procedures Documents:* The Tributary Committees reviewed the Policies and Procedures for Funding Projects and the Tributary Committees Operating Procedures. There were no recommendations to modify the existing policies and procedures although they did discuss possible willingness to accept applications under the General Salmon Habitat Program at any time during the year, although they would also still participate an annual funding cycle in coordination with the Salmon Recovery Funding Board process.
- *Twisp River-Poorman Creek Wetland Acquisition Budget Amendment:* The Methow Salmon Recovery Foundation submitted a budget modification request. The Wells Tributary Committee concluded that they cannot approve the request because the project has changed significantly from its original scope. The approved funding was for an acquisition, and the project has now shifted to a conservation easement. The Wells Tributary Committee elected to terminate the Twisp River-Poorman Creek Wetland Habitat Acquisition Project. However, they indicated that they would review a new proposal seeking money to help fund habitat enhancements on the properties.
- *Douglas PUD 2014 HCP Wells Action Plan:* The Wells Tributary Committee reviewed and approved the Douglas PUD 2014 HCP Wells Action Plan for the Wells Tributary Committee.

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

- *Non-Target Taxa of Concern (NTTOC) Report Update:* Conducting a NTTOC study is an element under the Hatchery M&E Program to evaluate the potential effects of supplementation programs on non-target species. A risk model developed by Craig Busack and Todd Pearsons was used to evaluate potential interactions, and then it was suggested that an expert panel would review those data and develop a report. However, there were complications with the modeling that could not easily be fixed; so with as many model runs as possible, Greg Mackey agreed to take the lead on compiling the runs and coordinating with the Hatchery Evaluation Technical Team (HETT) to develop a report. Once drafted, the HETT will present the draft report to the Hatchery Committees for review, at which point it will be decided whether further actions are needed. Bill Gale raised the issue of whether this evaluation should include facilities used in the supplementation programs, particularly with regards to Tumwater Dam. He said that there appear to be potential effects of Tumwater Dam on the distribution of lamprey, and Gale was wondering how to pursue that topic. He plans to confer with RD Nelle about the appropriate venue at which to present the topic, as lamprey typically are addressed under the Rocky Reach Fish Forum, and not the HCP.
- *DECISION: Douglas PUD 2014 HCP Wells Action Plan:* The Hatchery Committees representatives present approved the hatchery portion of the Douglas PUD 2014 HCP Wells Action Plan, as revised.
- *Wells Hatchery Steelhead Broodstock Update:* The Hatchery Committees had a similar discussion as occurred in today's Coordinating Committees meeting. They support taking the measures necessary to acquire broodstock and get all programs back on track.
- *Methow Hatchery Spring Chinook Early Maturation Sampling:* The Hatchery Committees discussed Grant PUD's early maturation studies on spring Chinook salmon. The evaluation involves a visual test of the gonads to see if the fish are on track to mature early. The Hatchery Committees representatives present approved

Douglas PUD's request to sacrifice 300 Methow Hatchery spring Chinook juveniles to be used in the study.

- *DECISION: Extension Request for the Wenatchee Relative Reproductive Success (RRS) Study:* Washington Department of Fish and Wildlife (WDFW) requested an extension of the Wenatchee RRS Study, which has been ongoing for about a decade, to an end date of 2018. The study is funded by the Bonneville Power Administration, and is being conducted in coordination with NMFS. The Hatchery Committees representatives present approved the extension request, contingent on incorporation of edits that were agreed to by the HCP Hatchery Committees.
- *Section 8.3.2 of the Hatchery Monitoring and Evaluation (M&E) Plan:* The Hatchery Committees discussed a section of the Hatchery M&E Plan about measuring gonad somatic indices. Within WDFW, there are apparently different opinions regarding the protocol for measuring gonadal mass. Mike Tonseth will develop a draft protocol for measuring fecundity at size for Hatchery Committees review.
- *DECISION: Sockeye M&E Implementation Plan (Addendum):* A decision was made 2 years ago to end the Lake Wenatchee Net Pen Sockeye Program based on disappointing sockeye return data. Those data indicated that the program was basically mining returning adults, and it was not achieving replacement. Following the recalculation of hatchery programs, Chelan PUD agreed to continue some M&E activities, and this addendum outlines what those activities will entail. Chelan PUD is coordinating with WDFW and the YN to refine the document for Hatchery Committees review.
- *Spring Chinook HGMP Discussion:* The final edits on Chelan PUD's draft Spring Chinook HGMP will be discussed during a conference call on February 6, 2014. A key component of this HGMP is defining how broodstock will be collected for the program.
- *2014 Rocky Reach Trap Pilot Study Proposal:* Chelan PUD is including in their spring Chinook HGMP the Rocky Reach Trap as a potential broodstock collection option. On January 29, 2014, Biomark will begin the process of installing a sort-by-code system at the trap to increase trap efficiency. There are also a number of improvements being installed, including: 1) replacing the solid trap door with a grated or perforated trap door; 2) adding underwater lighting; 3) installing an electrical control pendent to give the two operators the opportunity to operate the door

depending on visibility; 4) painting the trap floor white; and 5) installing additional cameras. The Hatchery Committees' role is to determine whether the correct brood is being collected, per the protocol. There is the question of whether there are enough PIT-tagged Chewuch spring Chinook; a total of 38 adults are needed for Chelan PUD's program. There is also the opportunity for adult management with adult strays impacting the Entiat.

- *HGMP Update*: Lynn Hatcher provided an update on permitting. Most new permits are expected to be completed by early-summer 2014. The second priority is to complete permitting for the non-listed species, which is expected to be addressed in fall 2014.
- *Coho Trapping under the YN HGMP and Future BiOp*: The Hatchery Committees had a similar discussion as occurred in today's Coordinating Committees meeting. They support helping the YN acquire the appropriate brood; however, the issues of fish passage and potential delays are the purview of the Coordinating Committees.

## VII. HCP Committees Administration

### A. Next Meetings (Mike Schiewe)

Mike Schiewe said that the next scheduled Coordinating Committees meeting is **February 25, 2014, to be held by conference call**. The March 25, 2014, and April 22, 2014 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	HCP Coordinating Committee Extranet Site Help Sheet
Attachment C	Final Douglas PUD 2014 HCP Wells Action Plan
Attachment D	Final Wells Dam 2014 Juvenile Fish BOP
Attachment E	Rocky Reach Large Unit Repair Update

**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
Steve Hemstrom*†	Chelan PUD
Lance Keller*	Chelan PUD
Tom Kahler*	Douglas PUD
Julene McGregor††	Douglas PUD
Jim Craig*	U.S. Fish and Wildlife Service
Bryan Nordlund*	National Marine Fisheries Service
Jeff Korth*	Washington Department of Fish and Wildlife
Kirk Truscott*†	Colville Confederated Tribes
Bob Rose*	Yakama Nation
Tom Scribner†††	Yakama Nation
Cory Kamphaus†††	Yakama Nation

Notes:

- \* Denotes Coordinating Committees member or alternate
- † Joined by phone
- †† Joined by phone for the HCP-CC Extranet Site discussion
- ††† Joined by phone for the Coho Trapping discussion