

FINAL MEMORANDUM

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

Date: April 28, 2016

From: John Ferguson, HCP Coordinating Committees
Chairman

Cc: Kristi Geris

Re: Final Minutes of the March 22, 2016, HCP Coordinating Committees Meeting

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 March 22, 2016, from 9:30 a.m. to 11:45 a.m. Attendees are listed in Attachment A to these meeting minutes.

ACTION ITEM SUMMARY

- John Ferguson will communicate developing details about the 2016 Subyearling Chinook Salmon Workshop to the Coordinating Committees during the monthly Coordinating Committees meetings (Item I-C).
 - Lance Keller will provide the schedule for repairing Rock Island Dam Powerhouse 1 Unit B2 to Kristi Geris for distribution to the Coordinating Committees (Item I-C).
 - Tom Kahler will coordinate with Douglas PUD Information System (IS) staff to launch the HCP Tributary Committees Extranet Site (Item II-A).
 - Lance Keller will discuss internally how to properly address Pacific lamprey passage at Tumwater Dam as it relates to HCP Plan Species broodstock collection (Item II-A).
 - Tom Kahler will review bull trout trapping activities at Wells Dam in 2016 with the HCP Hatchery Committees and request an expedited approval, in order to request and receive email approval from the Wells HCP Coordinating Committee of the Draft Statement of Agreement (SOA) for Modified Wells Dam Trapping for Bull Trout in 2016 and the Draft 2016 Broodstock Collection Protocols prior to April 15, 2016 (Item III-A).
 - Coordinating Committees representatives will discuss bull trout trapping activities at Wells Dam in 2016 with their respective HCP Hatchery Committees representatives
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to help expedite the approval process (Item III-A).

- Tom Kahler will provide the 2016 Trapping Activities at Douglas PUD Facilities spreadsheet to Kristi Geris for distribution to the Coordinating Committees (Item III-C).
- **The Coordinating Committees meeting on April 26, 2016, will be held by conference call (Item V-B).**

DECISION SUMMARY

- The Rocky Reach HCP Coordinating Committee representatives present approved the 2016 Rocky Reach Juvenile Fish Bypass Operations Plan (Item IV-A).
- The Rock Island HCP Coordinating Committee representatives present approved the 2016 Rock Island Bypass Monitoring Plan (Item IV-A).
- The Rocky Reach and Rock Island HCP Coordinating Committees representatives present approved the 2016 Rocky Reach and Rock Island Fish Spill Plan (Item IV-B).
- The Wells HCP Coordinating Committee approved the 2015 Wells HCP Annual Report after no disapprovals were received prior to the 30-day review deadline.
- The Rocky Reach and Rock Island HCP Coordinating Committees approved the 2015 Rocky Reach and Rock Island HCP Annual Reports after no disapprovals were received prior to the 30-day review deadlines.
- The Wells HCP Coordinating Committee approved the 2016 Broodstock Collection Protocols via email, as follows: Douglas PUD, National Marine Fisheries Service (NMFS), U.S. Fish and Wildlife Service (USFWS), Washington Department of Fish and Wildlife (WDFW), and the Colville Confederated Tribes (CCT) approved April 11, 2016; and the Yakama Nation (YN) approved April 13, 2016 (Item III-A).
- The Wells HCP Coordinating Committee approved the SOA for Modified Wells Dam Trapping for Bull Trout in 2016 via email, as follows: Douglas PUD approved April 13, 2016; NMFS, USFWS, and the CCT approved April 14, 2016; and WDFW and the YN approved April 15, 2016 (Item III-A).

AGREEMENTS

- There were no agreements reached during today's meeting.
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REVIEW ITEMS

- Kristi Geris sent an email to the Wells HCP Coordinating Committee on April 11, 2016, notifying them that the Draft 2016 Broodstock Collection Protocols were available for an expedited review, with an email vote due to Tom Kahler by April 13, 2016 (Item III-A).

FINALIZED DOCUMENTS

- The Final 2016 Rocky Reach and Rock Island HCP Action Plans that were approved by the Rocky Reach and Rock Island HCP Hatchery, Coordinating, and Tributary Committees on February 17, February 23, and March 10, 2016, respectively, were distributed to the Coordinating Committees by Kristi Geris on March 22, 2016.
- Kristi Geris sent an email to the Coordinating Committees on March 25, 2016, notifying them that the 2015 Wells HCP Annual Report was finalized following a 30-day review period, which ended on March 7, 2016. One comment was received on the draft report, which was incorporated into the final report.
- Kristi Geris sent an email to the Coordinating Committees on April 8, 2016, notifying them that the 2015 Rocky Reach and Rock Island HCP Annual Reports were finalized following a 30-day review period, which ended on March 16, 2016. One comment was received on the Draft 2015 Rocky Reach HCP Annual Report, which was incorporated into the final report.
- The Final 2016 Broodstock Collection Protocols that were approved by the Wells HCP Coordinating Committee and HCP Hatchery Committees on April 13, 2016, were distributed to the Coordinating Committees by Kristi Geris on April 14, 2016 (Item III-A).

I. Welcome

A. Review Agenda (*John Ferguson*)

John Ferguson welcomed the Coordinating Committees and asked for any additions or changes to the agenda. No additions or changes were requested.

B. Meeting Minutes Approval (John Ferguson)

The Coordinating Committees reviewed the revised draft February 23, 2016, meeting minutes. Kristi Geris said all comments and revisions received from members of the Committees were incorporated into the revised minutes, and there are no outstanding items remaining to be discussed. Coordinating Committees members present approved the February 23, 2016, meeting minutes, as revised.

C. Last Meeting Action Items (John Ferguson)

Action items from the Coordinating Committees meeting on February 23, 2016, and follow-up discussions, were as follows. (*Note: italicized text corresponds to agenda items from the meeting on February 23, 2016*):

- *Chelan PUD will discuss with Dr. John Skalski (Columbia Basin Research) possibly adjusting the Data Access in Real Time (DART) database outputs to better capture the early portion (prior to June 1) of the annual subyearling Chinook salmon counts at the Rock Island Bypass (Item I-C).*

This will be discussed during today's meeting.

- *John Ferguson will communicate developing details about the 2016 Subyearling Chinook Salmon Workshop to the Coordinating Committees during the monthly Coordinating Committees meetings (Item I-C).*

This will be discussed during today's meeting and will also be carried forward.

- *Tracy Hillman (BioAnalysts, HCP Hatchery and Tributary Committees Chairman) will provide a paper on imprinting of hatchery-reared salmon by Andy Dittman (NMFS Science Center), published in Fisheries last March 2015, to Kristi Geris for distribution to the Coordinating Committees (Item II-A).*

This paper was distributed to the Coordinating Committees by Geris on February 24, 2016.

- *Lance Keller will notify the Coordinating Committees when the Rocky Reach Dam Adult Fish Ladder is back online from annual winter maintenance and fully operational (Item III-E).*

Keller provided notification that the Rocky Reach Dam Adult Fish Ladder was returned to service on February 25, 2016, which Geris distributed to the Coordinating Committees that same day.

- *Lance Keller will provide updates on receipt and installation of the refurbished sluice gate, RO4, as well as notify the Coordinating Committees when the Rock Island Dam right fish ladder is back online from annual winter maintenance and fully operational (Item III-E).*

Keller provided notification of receipt of the refurbished sluice gate on March 3, 2016, and that the Rock Island Dam Right Fish Ladder was returned to service on March 9, 2016, which Geris distributed to the Coordinating Committees those same days.

- *Lance Keller will provide the combined generation capacity of Rock Island Dam Powerhouses 1 and 2, minus Units B-1, B-2, B-3, and B-4 in Powerhouse 1, and Unit U-3 in Powerhouse 2, to Kristi Geris for distribution to the Coordinating Committees (Item III-G).*

Keller provided these data on March 21, 2016, which Geris distributed to the Coordinating Committees that same day.

- *Lance Keller will provide an update on the Rock Island Dam Powerhouse 2 Unit U-3 inspection, during the Coordinating Committees meeting on March 22, 2016 (Item III-G).*

Keller said inspection of the Rock Island Dam Powerhouse 2 Unit U-3 was completed. Trunnion seals were replaced and the unit was operational on March 2, 2016.

- *Lance Keller will provide the schedule for repairing Rock Island Dam Powerhouse 1 Unit B-2, to Kristi Geris for distribution to the Coordinating Committees (Item III-G).*

This action item will be carried forward.

- *Tom Kahler will verify the estimated completion date for the Wells Hatchery Modernization, and will provide photographs discussed during today's meeting to Kristi Geris for distribution to the Coordinating Committees (Item IV-A).*

Kahler provided the photographs to Geris on February 24, 2016, and verified the estimated completion date on February 29, 2016, which Geris distributed to the Coordinating Committees those same days.

- *Tom Kahler will notify the Coordinating Committees when the Wells Dam east fish ladder is back online from annual winter maintenance and fully operational (Item IV-B).*

Kahler said the Wells Dam east fish ladder was back in service on February 23, 2016.

II. HCP Tributary and Hatchery Committees Update

A. HCP Tributary and Hatchery Committees Update (Tracy Hillman)

Tracy Hillman updated the Coordinating Committees on the following actions and discussions that occurred at the last HCP Tributary Committees meeting on March 10, 2016:

- *Small Projects Proposal:* The Cascade Columbia Fisheries Enhancement Group submitted a Small Projects Program application titled, “Permitting Nutrient Enhancement in the Chiwawa.” The proposal is to develop a treatment and effectiveness monitoring plan, and obtain permits from the U.S. Forest Service and Washington State Department of Ecology to conduct a 4-year, nutrient-enhancement pilot project in the Chiwawa River. The total cost of the project is about \$11,000, with no cost share. The Rock Island HCP Tributary Committee approved funding for the project.
 - *Review Policies and Procedures Documents:* The HCP Tributary Committees reviewed these documents, which are in place for funding and operating procedures. Members found nothing to change and approved the documents for another year.
 - *Plan Species Accounts Financial Audit:* According to the Policies and Procedures for Funding Projects document, the HCP Tributary Committees are to undergo an external review every 5 years, unless the Tributary Committees agree not to. It has been 5 years since the last audit. This applies only to the Rocky Reach and Rock Island accounts, because the Wells account is audited every year. The Rocky Reach and Rock Island HCP Tributary Committees agreed to have the audit completed in 2016. They will coordinate with Cordell, Neher, & Company to conduct the audit, and results will be available around July or August 2016.
 - *Draft 2016 Rock Island and Rocky Reach Action Plans:* The Rock Island and Rocky Reach HCP Tributary Committees reviewed and approved the tributary portions of the 2016 Rock Island and Rocky Reach Action Plans.
 - *Annual Deposits to the Plan Species Accounts:* Chelan PUD and Douglas PUD deposited funds into each Plan Species Account, as follows: Chelan PUD deposited \$721,475 into the Rock Island account and \$341,705 into the Rocky Reach account; and Douglas PUD deposited \$261,970 into the Wells account. Total unallocated funds within each account are as follows: Rock Island \$5,528,216; Rocky Reach \$2,042,757;
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and Wells \$1,300,397 (approximately \$9 million total).

- *Salmon Recovery Funding Board and Tributary Committees Funding Schedule:* The HCP Tributary Committees' policy allows project sponsors to submit General Salmon Habitat Program proposals at any time; however, the HCP Tributary Committees continue to coordinate with the Salmon Recovery Funding Board (SRFB) proposal process. This year, draft proposals are due to the HCP Tributary Committees on April 15, 2016, and the HCP Tributary Committees will review the draft proposals during their meeting on June 9, 2016. Project tours are tentatively scheduled for May 4 and 5, 2016, in the Methow and Okanogan basins, and May 11 and 12, 2016, in the Wenatchee and Entiat basins. Final proposals are due to the HCP Tributary Committees on July 1, 2016. The HCP Tributary Committees will make funding decisions on July 14, 2016. Typically, all projects are cost shares. Tour dates still need to be coordinated with other entities. Tours will occur in Washington (not Canada). The HCP Tributary Committees will have a tour in Canada in fall 2016.
 - *Meeting Schedule:* The HCP Tributary Committees agreed to continue meeting on the second Thursday of each month.
 - *Project Tours:* A document summarizing projects funded by the HCP Tributary Committees (Attachment B) was distributed to the Coordinating Committees by Kristi Geris on March 18, 2016. In the tables, green text indicates projects in progress and includes the total cost and total contributions for the project. Plan Species Account numbers are briefly summarized at the bottom of each table, and more comprehensively summarized in pie charts at the bottom of the document. The first set of pie charts combine all three Plan Species Accounts together, and the last set summarizes each individual account. John Ferguson asked if the HCP Tributary Committees have discussed how they intend to spend their \$9 million of unallocated funds. Hillman said they have not, and explained that when projects arise, they are discussed on a case-by-case basis. He added that it seems preferred to fund projects that have the greatest return on investment. Tom Kahler also added that typically, in each funding round the HCP Tributary Committees select only a subset of projects for funding consideration, and only a subset of those is chosen for funding. He said there is no requirement to spend account funds in any year, so the HCP Tributary Committees can wait for a good project. He said that, in addition to the SRFB,
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funding decisions are also coordinated with the Bonneville Power Administration and the Priest Rapids Coordinating Committee (PRCC), so there are three to four major funding entities coordinating on these decisions. Hillman noted that HCP Tributary Committees funds can be used in Canada, whereas SRFB and Bonneville Power Administration funds are restricted to the United States. He said the HCP Tributary Committees are reviewing the list of projects in Attachment B and will decide which projects to tour this summer. The purpose of these tours is to see what has worked and what has not. He added that Coordinating Committees representatives are welcome to join on these tours, and asked that they notify him if interested.

- *Extranet Access:* Hillman explained that once a project is complete, the HCP Tributary Committees receive a final report, and often times those reports are large in file size. The YN asked if these reports can be retrieved from a website. Hillman said he indicated the Coordinating Committees have an extranet site, and he thought all HCP Tributary Committees representatives and alternates had access; however, discovered this is not true. During this discussion, it became apparent that no HCP Tributary Committees materials are posted to an extranet site. The HCP Tributary Committees are requesting to post agendas, notes, correspondence with sponsors, and final reports on an extranet site. Kahler said all HCP Tributary Committees materials are compiled and ready to post to an extranet site; however, Douglas PUD IS staff have not yet had a chance to set up a site. He said the HCP Tributary Committees have not previously expressed interest in the extranet site when it was discussed with them, so the work to populate the site has never been completed. Kahler said he will coordinate with Douglas PUD IS staff to launch the HCP Tributary Committees Extranet Site. He added that he will also have Douglas PUD IS staff provide a presentation to the HCP Tributary Committees when launching their extranet site, similar to what was done for the Coordinating Committees. He said Hillman will also be set up as the administrator and trained on how to upload data.
 - *Next Steps:* The HCP Tributary Committees' next scheduled meeting will be on April 14, 2016.
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Hillman updated the Coordinating Committees on the following actions and discussions that occurred at the last HCP Hatchery Committees meeting on March 16, 2016:

- *Five-Year Hatchery M&E Review Planning – Objective 5:* The HCP Hatchery Committees are currently working on Objective 5, which is homing and straying issues. The goal is to increase spring Chinook salmon homing to the Twisp and Chewuch rivers and decrease straying to the Methow Fish Hatchery. Some HCP Hatchery Committees members, hatchery managers, and fish-health personnel plan to meet tomorrow, March 23, 2016, for a 2-hour work session. Anyone is invited to participate. The purpose of the meeting is to further discuss the details of the proposal the YN presented to the HCP Hatchery Committees. A key issue is logistical and fish-health constraints at hatcheries. If Coordinating Committees representatives are interested in additional information, please notify Hillman.
 - *USFWS Bull Trout Consultation Update:* USFWS bull trout consultations are moving forward.
 - *NMFS Consultation Update:* The Wenatchee Biological Opinion (BiOp) is with the National Oceanic and Atmospheric Administration General Counsel (NOAA GC) for review. The Methow BiOp is pending approval of the gene flow standards. Recall that NMFS developed a proportionate natural influence model, and the gene flow standards establish use of that model. The HCP Hatchery Committees and USFWS approved the model, and it now is pending NOAA GC approval, which will hopefully be completed in April or May 2016 and allow the BiOp to move forward.
 - *Broodstock Collection Protocols:* WDFW provided draft protocols for review. HCP Hatchery Committees comments are due March 25, 2016. WDFW will request approval of the draft protocols via email by April 12, 2016. The final protocols are due to NMFS by April 15, 2016. USFWS expressed concern regarding the operation and collection of broodstock at Tumwater Dam as it relates to Pacific lamprey passage at the dam. The HCP Hatchery Committees agreed this issue may be more appropriately addressed by the Coordinating Committees. Jim Craig said this has been a USFWS concern for a while now, and the agency is currently discussing how to address it. Bob Rose said about 125 or more Pacific lamprey will be translocated upstream of Tumwater Dam and about 100 Pacific lamprey will be translocated downstream of the dam. He said he expects this will be the first of many years the
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YN will be translocating Pacific lamprey upstream of Tumwater Dam until there is adequate passage at the dam. He said the translocated Pacific lamprey are from John Day Dam, but in future years, the fish may come from Priest Rapids Dam or Rocky Reach Dam. Rose asked why a Pacific lamprey issue would be the purview of the Coordinating Committees. Craig agreed with the question, noting that Pacific lamprey are not a HCP Plan Species. Jeff Korth said this seems more applicable to the Fish Forums, and suggested they address this. Kahler said this is a passage issue, which is the purview of the Coordinating Committees; however, agreed that Pacific lamprey are not addressed by this committee. Lance Keller said he will discuss internally how to properly address Pacific lamprey passage at Tumwater Dam as it relates to HCP Plan Species broodstock collection. Hillman said the HCP Hatchery Committees suggested the Coordinating Committees address this because modifications to the fishway at Tumwater Dam to improve Pacific lamprey passage could affect Plan Species passage and would require approval by the Coordinating Committees. He clarified that the HCP Hatchery Committees plan to address the broodstock collection aspect of this issue. Ferguson asked Hillman to let the HCP Hatchery Committees know that the Coordinating Committees are looking into this.

- *Next Meeting:* The HCP Hatchery Committees' next scheduled meeting will be on April 20, 2016.

III. Douglas PUD

A. DECISION: Bull Trout Trapping SOA (Tom Kahler and Andrew Gingerich)

Tom Kahler said the Douglas PUD 2016-2017 Bull Trout Study Plan and Draft SOA for Modified Wells Dam Trapping for Bull Trout in 2016 were distributed to the Coordinating Committees by Kristi Geris on March 16 and 19, 2016, respectively.

John Ferguson noted that the study plan has already been reviewed and approved by the Aquatic Settlement Work Group (SWG). Kahler introduced Andrew Gingerich, Douglas PUD Aquatic SWG Technical Representative, who will lead this discussion.

Gingerich said Douglas PUD and the Aquatic SWG are requesting approval from the Wells HCP Coordinating Committee to trap bull trout at Wells Dam in 2016. He explained that the Federal Energy Regulatory Commission (FERC) License Order 2149-52, issued to

Douglas PUD on November 9, 2012, included a requirement to implement a Bull Trout Passage Evaluation Study at the Twisp Weir in Year 1 of the license. He said, following consultation with USFWS and the Aquatic SWG, Douglas PUD and agency staff decided to postpone the study for 4 years to combine the study with a Bull Trout Passage Evaluation Study scheduled to take place at Wells Dam during Year 5 of the license term. He said FERC approved deferring the study as requested and required that the comprehensive study be conducted by November 2017.

Gingerich said Douglas PUD and the Aquatic SWG were hoping for an expedited Wells HCP Coordinating Committee review to allow adequate time to prepare for the study. He said the study involves trapping 30 bull trout at Wells Dam and 30 bull trout at the Twisp Weir. He said Douglas PUD is requesting 7 weeks of trapping at the east fish ladder at Wells Dam during the same time as spring Chinook salmon trapping. He said the SOA includes language that trapping spring Chinook salmon will be avoided unless it benefits other programs. He said the SOA also includes a figure showing bull trout run timing at Wells Dam during the last 10 years, which demonstrates how the trapping period was selected for this study. He said, additionally, the SOA includes a table summarizing the number of bull trout expected to be captured at Wells Dam in 2016, assuming a 73-fish run. The table assumes trapping occurs during 80% of the observed passage hours and 80% of the passage period. The number of estimated fish captured is shown to differ depending on whether one or both ladder traps are operating and depending on how many days of the week trapping occurs.

Jeff Korth asked if data are available that indicate a preference for bull trout passage at Wells Dam, via the east or west fish ladder. Gingerich said, based on available data, there is no obvious preference. He said trapping for this study will occur only at the east fish ladder; however, if bull trout are trapped during spring Chinook salmon trapping at the west fish ladder, those bull trout can be used in the study as well. Korth noted that it may be difficult to obtain the proposed amount of bull trout for the study, and Gingerich agreed.

Kirk Truscott said the proposal is to trap 7 days per week, 10 hours per day, which equals 70 hours of trapping per week for 7 weeks. He said trapping spring Chinook salmon at Wells Dam is limited to 3 days per week, 16 hours per day, or no more than 48 cumulative

hours per week. He said, in the past, later in the trapping periods, fish movement through the ladders diminishes the more that trapping takes place. He said he has concerns about trapping that much and potential impacts on spring Chinook salmon passage. Kahler said, currently, there is no trapping scheduled at the west ladder; however, if the ladder becomes operational (modernization complete), this could change. He said if operational, trapping at the west fish ladder will be limited to 48 hours per week, and the east fish ladder trap will be operated 7 days per week. He noted that bull trout do not seem to be trap averse like Chinook salmon (i.e., no change in passage behavior). Gingerich said passive integrated transponder-tag data at the Twisp Weir indicate bull trout pass that location during evening hours (i.e., most movement is in the dark); however, at Wells Dam, bull trout have been detected passing during midday into late afternoon.

Bob Rose asked if this request has been vetted with the HCP Hatchery Committees, and Kahler said it has not, but will be. Rose said he would like to first discuss this internally with the YN hatchery staff before voting on the SOA. Ferguson asked if a Wells HCP Coordinating Committee decision should wait until after the request is vetted with the HCP Hatchery Committees. Kahler said all trapping operations included in the request will be incorporated into the 2016 Broodstock Collection Protocols, which will be reviewed by the HCP Hatchery Committees and need to be approved by April 15, 2016. He asked if the Wells HCP Coordinating Committee is in general support of this request, pending HCP Hatchery Committees' approval.

Jim Craig asked if the HCP Hatchery Committees will have time to review revisions to the draft protocols before April 15, 2016. Kahler said the HCP Hatchery Committees already agreed to submit edits and comments on the draft protocols by March 25, 2016, and vote via email on April 12, 2016. Truscott noted that the HCP Hatchery Committees were not aware of these revisions at that time, and Kahler said he did notify them he would have changes, but did not yet know the details. Truscott said he would like the opportunity to discuss these changes with WDFW prior to voting on the SOA, to verify WDFW does not foresee any issues with collection of spring Chinook salmon broodstock. Kahler explained that although bull trout trapping will occur 7 days per week at the east fish ladder, 3 days will still be spent targeting spring Chinook salmon.

Ferguson asked if the west fish ladder trap is operational on June 1, 2016, could trapping occur at both fish ladders to obtain the 30 bull trout quicker. He also asked about reducing trapping at each ladder if both were operational. Kahler said the trapping schedule outlined in the SOA is a starting point and can be adjusted as needed. He said the main point of the SOA is that it approves a deviation from trapping requirements.

Kahler said he will review bull trout trapping activities at Wells Dam in 2016 with the HCP Hatchery Committees and request an expedited approval, in order to request and receive email approval from the Wells HCP Coordinating Committee of the Draft SOA for Modified Wells Dam Trapping for Bull Trout in 2016 and the Draft 2016 Broodstock Collection Protocols prior to April 15, 2016. Coordinating Committees representatives will also discuss bull trout trapping activities at Wells Dam in 2016 with their respective HCP Hatchery Committees representatives to help expedite the approval process.

Geris sent an email to the Wells HCP Coordinating Committee on April 11, 2016, notifying them that the Draft 2016 Broodstock Collection Protocols were available for an expedited review, with an email vote due to Kahler by April 13, 2016. The Wells HCP Coordinating Committee approved the 2016 Broodstock Collection Protocols via email, as follows: Douglas PUD, NMFS, USFWS, WDFW, and the CCT approved April 11, 2016; and the YN approved April 13, 2016. The Final 2016 Broodstock Collection Protocols, which were also approved by the HCP Hatchery Committees on April 13, 2016, were distributed to the Coordinating Committees by Geris on April 14, 2016.

The Wells HCP Coordinating Committee approved the SOA for Modified Wells Dam Trapping for Bull Trout in 2016 via email, as follows: Douglas PUD approved April 13, 2016; NMFS, USFWS, and the CCT approved April 14, 2016; and WDFW, and the YN approved April 15, 2016. The final SOA was distributed to the Coordinating Committees by Geris on April 21, 2016.

B. DECISION: Draft 2016 Broodstock Collection Protocols (Tom Kahler)

Tom Kahler said Kristi Geris sent an email to the Coordinating Committees on

March 11, 2016, notifying them that the Draft 2016 Broodstock Collection Protocols were available for review and that Kahler intended to request Wells HCP Coordinating Committee approval of the document during the Coordinating Committees meeting on March 22, 2016. Kahler recalled that the Wells HCP stipulates, “Broodstock Collection Protocols are developed by WDFW and are annually submitted to the Wells HCP Coordinating Committee and NMFS Hydro Program for annual approval prior to trapping at the Dam.” He said the Broodstock Collection Protocols SOA, approved by the Coordinating Committees on October 28, 2014 (and approved by the HCP Hatchery Committees on September 17, 2014), delegated NMFS’ approval of the annual Broodstock Collection Protocols jointly to the NMFS HCP Hatchery Committees and Coordinating Committees representatives.

Kahler explained that when the Draft 2016 Broodstock Collection Protocols were first drafted, he mistakenly reported that the Adult Handling Facility at Wells Dam would be completed by May 1, 2016. He said, however, the facility will not be completed until June 1, 2016, which means trapping at the west fish ladder at Wells Dam will not be available until that time. He said this also means he needs to revise the Draft 2016 Broodstock Collection Protocols to indicate that the east fish ladder will be the primary trapping location for broodstock at Wells Dam, until the west fish ladder trap is back online. He said he plans to make this revision, along with the previously discussed bull trout revisions, for HCP Hatchery Committees’ review and approval. He said he also noticed he needs to add language about the YN Coho salmon trapping at Wells Dam (same trapping as approved in the past). Kirk Truscott asked if the YN Coho salmon trapping schedule is the same as what is currently authorized in the YN Coho salmon permit. Kahler said he understands this is true.

C. 2016 Trapping Activities at Douglas PUD Facilities (Tom Kahler)

Tom Kahler handed out a 2016 Trapping Activities at Douglas PUD Facilities spreadsheet. He said he will provide the spreadsheet to Kristi Geris for distribution to the Coordinating Committees. Kahler said the spreadsheet outlines all trapping activities scheduled for Douglas PUD facilities in 2016. He also noted that he needs to update the spreadsheet with additional trapping, as previously discussed.

IV. Chelan PUD

A. DECISION: Draft 2016 Rocky Reach and Rock Island Bypass Operations Plans (Lance Keller)
Rocky Reach Dam

Lance Keller said Kristi Geris sent an email to the Coordinating Committees on February 11, 2016, notifying them that the Draft 2016 Rocky Reach Juvenile Fish Bypass Operations Plan was available for a 32-day review, with edits and comments due to Keller by Monday, March 14, 2016. Keller said Jim Craig requested to review the 2004 Rocky Reach Juvenile Fish Bypass Operations Plan, which Geris distributed to the Coordinating Committees on March 14, 2016. Keller said no other comments were received on the draft plan.

The Rocky Reach HCP Coordinating Committee representatives present approved the 2016 Rocky Reach Juvenile Fish Bypass Operations Plan.

Keller noted that this Thursday, March 24, 2016, Chelan PUD will begin the marked fish release in the Rocky Reach Juvenile Fish Bypass. He recalled that this is the preseason test conducted each year.

Rock Island Dam

Keller said Geris sent an email to the Coordinating Committees on February 11, 2016, notifying them that the Draft 2016 Rock Island Bypass Monitoring Plan was available for a 32-day review, with edits and comments due to Keller by Monday, March 14, 2016. Keller recalled that the only change from the 2015 plan was language incorporated that outlines procedures should the fish trap accumulate too many fish. He said, when the carrying capacity of the fish trap trough is exceeded, a subsample is collected and incorporated into the DART algorithm. This procedure has been followed in recent years by facility operators, but is now being added to the 2016 Rock Island Bypass Monitoring Plan. He said no comments were received on the draft plan.

The Rock Island HCP Coordinating Committee representatives present approved the 2016 Rock Island Bypass Monitoring Plan.

B. DECISION: Draft 2016 Rocky Reach and Rock Island Spill Plan (Lance Keller)

Lance Keller said Kristi Geris sent an email to the Coordinating Committees on February 11, 2016, notifying them that the Draft 2016 Rocky Reach and Rock Island Fish Spill Plan was available for a 32-day review, with edits and comments due to Keller by Monday, March 14, 2016. Keller said no comments were received on the draft plan.

Keller said, regarding his action item to discuss with Dr. John Skalski (Columbia Basin Research) possibly adjusting the DART database outputs to better capture the early portion (prior to June 1) of the annual subyearling Chinook salmon counts at the Rock Island Bypass, he discovered this adjustment can be made. Keller said he will request this adjustment in the future if needed.

The Rocky Reach and Rock Island HCP Coordinating Committees representatives present approved the 2016 Rocky Reach and Rock Island Fish Spill Plan.

C. Rocky Reach and Rock Island Adult Fish Ladder Winter Maintenance Update (Lance Keller)

Lance Keller said an update on the Rocky Reach and Rock Island adult fish ladder winter maintenance was distributed to the Coordinating Committees by Kristi Geris on March 9, 2016, as follows:

Rocky Reach Dam

All maintenance was completed on the Rocky Reach Adult Fish Ladder, and it was returned to service on February 25, 2016.

Rock Island Dam

The left and middle ladders have been online, as previously discussed. Sluice Gate R04 on the right ladder was installed and grouted in place, and the operator was installed. On March 9, 2016, the right ladder was watered up and returned to service ahead of extension date approved by the Coordinating Committees of March 15, 2016. Keller thanked the Coordinating Committees for their flexibility on water up dates.

D. 2015 Rocky Reach Juvenile Fish Bypass System Report (Lance Keller)

Lance Keller said this report is being drafted and will be available for review soon.

E. 2015 Rock Island Juvenile Bypass Report (Lance Keller)

Lance Keller said this report is being drafted and will be available for review soon.

V. HCP Administration

A. 2016 Subyearling Chinook Salmon Workshop

John Ferguson said planning for this workshop is still underway and progress is being made in terms of identifying the main components. He said the planning subgroup is meeting about every 2 weeks and will meet again today. He said he expects the next iteration of the agenda will be available for review soon. He said Dr. John Skalski and Billy Connor (USFWS) have confirmed they can attend. Ferguson said Skalski will only be available in the morning, and then Dr. Rebecca Buchannan (Columbia Basin Research) will attend the rest of the day. Ferguson said the workshop will be held on June 21, 2016, at the Red Lion, the monthly Coordinating Committees meeting will be held the morning of June 22, 2016, at the Radisson Hotel, and the monthly PRCC meeting will be held that afternoon following the Coordinating Committees meeting. Ferguson said the planning subgroup is currently discussing what materials the PUDs want to address. He said the group is discussing with Theresa (Marty) Liedtke (U.S. Geological Survey) about possibly presenting on tagging affects and applicability of current tagging equipment. Ferguson said the planning subgroup is also discussing agency and tribal participation. He said they are also considering how much time will be available to possibly discuss scale and smolt-to-adult ratio (SAR) data. Tom Kahler said he started looking into SAR data; however, the sample sizes are limited. Kahler also noted that because the speakers are all presenting about fish in the Mid-Columbia Basin, a level of coordination needs to occur to reduce overlap. Kirk Truscott said he will have Casey Baldwin (CCT) contact Ferguson regarding a CCT presentation on SARs. Scott Carlon asked about attendance numbers. Ferguson said he believes the subgroup agreed on three attendees per agency, including the Coordinating Committees representative. Kahler said the conference room capacity is 34 people. He also recalled that during the 2009 workshop, 22 people attended.

B. Next Meetings

The next scheduled Coordinating Committees meeting is on April 26, 2016, to be held by conference call. The May 24, 2016, meeting will be held by conference call, in Eastern Washington, or in-person at the Radisson Hotel in SeaTac, Washington, as is yet to be determined. The June 21, 2016 meeting will be held at the Radisson Hotel in SeaTac, Washington.

VI. List of Attachments

Attachment A List of Attendees

Attachment B Projects Funded by the HCP Tributary Committees

Attachment A
List of Attendees

| Name | Organization |
|------------------|--|
| John Ferguson | Anchor QEA, LLC |
| Kristi Gerist† | Anchor QEA, LLC |
| Tracy Hillman†† | BioAnalysts |
| Lance Keller* | Chelan PUD |
| Tom Kahler* | Douglas PUD |
| Andrew Gingerich | 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 |
| Kirk Truscott*† | Colville Confederated Tribes |

Notes:

- * Denotes Coordinating Committees member or alternate
 - † Joined by phone
 - †† Joined by phone for the HCP Tributary and Hatchery Committees Update
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