

FINAL MEMORANDUM

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

Date: August 26, 2014

From: Michael Schiewe, Chair

Cc: Kristi Geris

Re: Final Minutes of the July 22, 2014 HCPs Coordinating Committees Conference
Call

The Wells, Rocky Reach, and Rock Island Hydroelectric Projects Habitat Conservation Plans (HCPs) Coordinating Committees met by conference call on Tuesday, July 22, 2014, from 9:30 am to 11:00 am. Attendees are listed in Attachment A of these conference call minutes.

ACTION ITEM SUMMARY

- Kristi Geris will coordinate with Alene Underwood (Chelan PUD) to resolve the National Marine Fisheries Service (NMFS) pending comments on the revised draft Coordinating Committees June 24, 2014 meeting minutes (Item I-A). (*Note: Underwood provided clarification to Nordlund on July 24, 2014.*)
 - Kristi Geris will contact Julene McGregor (Douglas PUD Information System Staff) to request read-only access to the final document library on the HCP Hatchery Committees Extranet site for Jayson Wahls (Washington Department of Fish and Wildlife [WDFW], Wells Complex Manager), as approved by the Coordinating Committees (Item I-C). (*Note: Geris sent an email to McGregor on July 22, 2014, requesting access for Wahls, as discussed.*)
 - Chelan PUD will evaluate how the increased production and early release of hatchery subyearling Chinook salmon may affect the timing of achieving 95% spill coverage at Rocky Reach and Rock Island dams (Item II-A).
 - Tom Kahler will confirm with Tracy Hillman (BioAnalysts) the current account balance for the Wells Plan Species Account (Item IV). (*Note: Kahler contacted Hillman following the meeting on July 22, 2014, and determined that the current account balance for the Wells Plan Species Account is \$1,228,313—not \$253,775, as reflected in the July 2014 Progress Report from the Tributary Committees. Hillman*
-

provided a revised July 2014 Progress Report from the Tributary Committees to Kristi Geris on July 22, 2014, which Geris distributed to the Coordinating Committees that same day.)

DECISION SUMMARY

- The Wells HCP Coordinating Committees representatives approved via email the request of the Wells Aquatic Settlement Work Group for reduction of the Wells Dam collection gallery head-differentials from the normal operating level of 1.5 foot, to a reduced operating level of 1.0 foot (“lamprey operations”), from 17:00 to 00:59 daily during the 2014 lamprey migration, to start immediately and terminate on September 30, 2014. Email approvals were received from the U.S. Fish and Wildlife Service (USFWS) and NMFS on July 28, 2014, and the Yakama Nation (YN), the Colville Confederated Tribes (CCT), WDFW, and Douglas PUD on July 29, 2014.

AGREEMENTS

- Coordinating Committees representatives present agreed to provide Jayson Wahls read-only access to the final document library on the HCP Hatchery Committees Extranet site (Item I-C).

REVIEW ITEMS

- Kristi Geris sent an email to the Coordinating Committees on June 20, 2014, notifying them that the draft Wells Hatchery Adult Handling Facility 60% Design documents are out for a 60-day review period, with comments due to Tom Kahler and Greg Mackey by Monday, August 18, 2014.

DOCUMENTS FINALIZED

- There are no documents that have been recently finalized.
-

I. Welcome

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

- Lance Keller added: 1) Rocky Reach Dam bypass system incident; and 2) Rock Island Dam right bank adult fishway passive integrated transponder (PIT)-tag antenna update.
- Tom Kahler said that Douglas PUD's updates will include: 1) subyearling sampling; and 2) Wells Dam fish counts.

A. Meeting Minutes Approval (Mike Schiewe)

The Coordinating Committees reviewed the revised draft June 24, 2014 meeting minutes. Kristi Geris said that there were two items remaining to be discussed, as follows:

- Regarding the NMFS discussion on Tumwater trap operations, Bryan Nordlund requested clarification of the objectives of the 2015 Chelan PUD facilities study at Tumwater Dam. The Coordinating Committees agreed to leave the meeting minutes as written, as they accurately reflected the discussion. Geris will send Nordlund's question to Alene Underwood for further clarification. *(Note: Underwood provided clarification to Nordlund on July 24, 2014.)*
 - Regarding Chelan PUD's Rocky Reach 2013 broodstock collection update, Nordlund noted that his observation of the fish injury data collected at Wells Dam did not coincide with Chelan PUD's comments about possible fish injuries caused by the Rocky Reach Trap (i.e., Alene Underwood's comment was reflected in the minutes as stating that "...most fish injuries were observed much later than when the trap was being operated..."). The Coordinating Committees agreed to have Geris verify with Underwood that the meeting minutes accurately reflect what was discussed, or if needed, revise the discussion accordingly. *(Note: Underwood clarified that her comment was that "...a large number of fish injuries persisted after Chelan PUD ceased operating the trap..." as was corrected in the final meeting minutes, as distributed to the Coordinating Committees on July 29, 2014.)*
-

Geris said that other all comments and revisions received from members of the Committees were incorporated in the revised minutes. Coordinating Committees members present approved the June 24, 2014 meeting minutes, as revised.

The Coordinating Committees reviewed the revised draft Wells Hatchery Modernization 60% Design Adult Handling Facility Workshop meeting minutes. 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. Coordinating Committees members present approved the Wells Hatchery Modernization 60% Design Adult Handling Facility Workshop meeting minutes, as revised. Geris will finalize the meeting minutes and distribute them to the Committees.

B. Last Meeting's Action Items (Mike Schiewe)

Action items from the Coordinating Committees meeting on June 24, 2014, and follow-up discussions, were as follows: *(Note: italicized item numbers below correspond to agenda items from the June 24, 2014 meeting.)*

- *Lance Keller will obtain clarification from Brett Bickford (Chelan PUD) about statements attributed to Bickford in the draft May 27, 2014, Coordinating Committees meeting minutes, regarding Chelan PUD's Rock Island Powerhouse 2 Unit Efficiency Curve; Kristi Geris will incorporate any necessary revisions and will distribute the meeting minutes as final (Item II-A).*

Bickford provided clarification of his statements via email on June 25, 2014, which Geris incorporated into the draft May 27, 2014 meeting minutes and distributed to the Coordinating Committees that same day.

- *Kristi Geris will contact Julene McGregor (Douglas PUD Information Systems Staff) to request read-only access to the final document library on the HCP Coordinating Committees Extranet site for Aaron Beavers (NMFS), as approved by the Coordinating Committees (Item II-C).*

Geris sent an email to McGregor on June 25, 2014, requesting access for Beavers, as discussed.

- *Lance Keller will provide Kristi Geris with key dates and values regarding the Rocky Reach Turbine Unit 2 (C2) rotor crack repair for incorporation into the meeting minutes (Item V-B).*

Keller provided Geris with this information on June 26, 2014.

- *Lance Keller will provide Chelan PUD draft comments on the Entiat Pilot Milfoil Control Project to Kristi Geris for distribution to the Coordinating Committees (Item V-C).*

Keller provided these comments to Geris on June 25, 2014, which Geris distributed to the Coordinating Committees that same day.

C. HCP-CC Distribution List and Extranet Site Access Approval (Mike Schiewe)

Mike Schiewe said that Jeff Korth requested, via email, Coordinating Committees approval to provide Jayson Wahls, Wells Complex Manager, access to the HCP Hatchery Committees Extranet site. Schiewe recalled that the Coordinating Committees have recently transitioned to a SharePoint file sharing system, and Korth's request follows the formal process that was agreed upon by the Coordinating Committees to keep track of which non-HCP representatives have access to the HCP Extranet sites. Coordinating Committees representatives present agreed to provide Wahls read-only access to the final document library on the HCP Hatchery Committees Extranet site. Kristi Geris said that she will contact Julene McGregor (Douglas PUD Information System Staff) to request read-only access to the final document library on the HCP Hatchery Committees Extranet site for Wahls, as approved by the Coordinating Committees. *(Note: Geris sent an email to McGregor on July 22, 2014, requesting access for Wahls, as discussed.)*

II. Chelan PUD

A. Rocky Reach and Rock Island Subyearling Chinook Salmon Run-Timing (Lance Keller and Steve Hemstrom)

Lance Keller said that Steve Hemstrom has been monitoring spill and reviewing daily data and index counts for subyearling Chinook salmon at Rocky Reach and Rock Island dams. Hemstrom noted that this year, there is a change in subyearling distribution based on the timing of hatchery releases. He said that as of today, July 22, 2014, the program RealTime (developed by John Skalski and the University of Washington) estimates that 96.7% of the

run has passed Rocky Reach Dam; although, that percentage also includes a wide confidence interval (19 days). Hemstrom said that there are still relatively high numbers of subyearling Chinook salmon passing Rocky Reach Dam, noting that yesterday, July 21, 2014, a total of 269 subyearlings passed the dam. He said that spill will not be modified at Rocky Reach Dam until those counts substantially decrease. He said that for Rock Island Dam, the program RealTime estimates that about 78% of the subyearling run is complete. He added that the total expected passage index count at Rock Island Dam is 24,962 subyearlings, and that 21,713 are currently indexed. He said that more than 500 subyearlings are still passing Rock Island Dam daily, and he believes they are mostly wild.

Hemstrom recalled, as discussed at the Coordinating Committees meeting on February 25, 2014, the Rocky Reach and Rock Island HCPs requirement to verify every 10 years that the operations established by the Coordinating Committee are adequately protecting 95% of the spring and summer migrations of juvenile Plan Species. He raised the question of how hatchery releases may affect run-time distribution, noting the large releases of subyearlings in early-May combined with Chief Joseph Hatchery's subyearling releases, which could result in reaching the 95th percentile sooner and may ultimately make the September proportion of the run appear smaller overall. Kirk Truscott noted that the program used to calculate 95% passage is based on a running 10-year average and should account for any increases in hatchery subyearling releases. Hemstrom agreed but added that if a large enough proportion of the run shifts to earlier passage, then the fish passing later in the outmigration season (late August and September) would be a smaller percentage of the total. Truscott said that a reduction in spill coverage in late July and August could jeopardize passage of natural-origin subyearlings. Hemstrom suggested requesting that Dr. Skalski evaluate the sensitivity of the model to shifting migration timing resulting from large hatchery subyearling releases earlier during the subyearling migration season. Truscott suggested conducting a retrospective analysis using passage counts from previous years and current Chief Joseph Hatchery release numbers to estimate the potential effect on spill shutoff date.

Mike Schiewe summarized that this discussion has raised a number of important questions, including what the distribution of hatchery versus wild subyearling Chinook salmon is in

terms of passage timing, and if a shift of peak run-timing to earlier in the migration season might affect the proportions of hatchery and wild outmigrants covered by spill. He asked if there are data that indicate how wild fish are distributed throughout the run. Keller replied that Chelan PUD monitors adipose fin (ad)-present and ad-clipped passage data, and that typically, the proportions change throughout the year. He added that more ad-present fish pass later in the season as the outmigration progresses.

Jim Craig asked when 95% coverage has typically been met at Rocky Reach and Rock Island dams in previous years, and Keller replied that the earliest it has been met is July 27, 2011. Keller added that in 2011, he recalls quite a few subyearlings passing earlier in the season, including fish that were escaping from Wells Hatchery. Tom Kahler agreed, explaining that a gate was not flush with the raceway and about 11,000 subyearlings escaped. He added that Douglas PUD previously released their subyearlings in June; however, they switched to a May release date when they discovered that this resulted in higher smolt-to-adult returns. He also added that this switch occurred around the same timeframe when the fish escaped from the hatchery. Hemstrom also noted that the latest date that 95% coverage has been met at Rocky Reach and Rock Island dams was August 24, 2009.

Chelan PUD agreed to evaluate how the increased production and early release of hatchery subyearling Chinook salmon may affect the timing of achieving 95% spill coverage at Rocky Reach and Rock Island dams.

B. Rocky Reach Dam Bypass System Incident (Lance Keller)

Lance Keller reported that on Saturday, July 19, 2014, at 9:00 a.m., the Rocky Reach surface collector of the bypass system was shut down to address the appearance of oil in the water near the pump station. He explained that the low level oil alarm on the high pressure pumps sounded, and when a bypass attendant opened the door to the hydraulic power unit (HPU) pump cabinet, he discovered that an oil hose had come loose, filling the HPU pump cabinet with oil. He said that when the door was opened, the oil in the cabinet spilled over the containment area and into the pump station area of the bypass area. He said that the pumps were shut down and the area was skimmed; however, at sunrise, additional oil was observed in the dead-water space behind the dewatering screens and forebay, where the oil appeared

to be contained. Cleaners performed a thorough cleanup of the oil spill, and at 3:50 p.m., the pump station was restarted and the system was back in full operation. In response to this incident, Keller said that Chelan PUD is developing a hose inspection to help prevent a similar situation from occurring in the future.

Mike Schiewe asked if the bypass was completely shut down. Keller replied that yes, the bypass was briefly shut down in the early morning and then again at 9:00 a.m. He added that the Columbia River Data Access in Real Time (DART) database indicated that one index count was conducted the day of the spill, which indicated that seven fish passed the dam. He said that no additional sampling was conducted due to the pump station being shut down.

C. Rock Island Dam Right Bank Adult Fishway PIT-Tag Antenna Update (Lance Keller)

Lance Keller said that it had come to Chelan PUD's attention that PIT-tagged sockeye salmon passing via the Rock Island Dam Right Bank Adult Fishway were not being detected. He said that Biomark tested the right bank PIT-tag antenna and it registered 100% noise, so they are now working on site trying to determine the origin of the noise. Keller said that at the same time, Biomark found that the detection equipment associated with Powerhouse 2 is also not working properly. He said that Biomark is fabricating a new combination half- and full-duplex PIT-tag antenna array to install upstream of the count window where the fishway exit meets the forebay, which is a much quieter location than at Powerhouse 2. Keller said that Chelan PUD has asked Biomark to expedite the process, which should be complete by August 4, 2014.

D. Wanapum Drawdown Update (Lance Keller)

Lance Keller said that not much has changed and Chelan PUD is continuing to monitor flow. He said that the fishway attendants are now fully trained and are on station 24 hours per day, 7 days per week. He said that the attendants are making sure that the fishways are in tune with changing elevations, and are ready to optimize conditions for use of the denils if needed. He said that currently, river flow is about 151,000 cubic feet per second (151 kcfs), which translates into a tailwater elevation of 566 feet. He added that river flow is expected to remain high this week, and may drop later in August.

Keller said that as of July 20, 2014, a total of 513,612 sockeye have passed Rock Island Dam. He said that the peak total count at the right bank fishway was 27,115 sockeye passing on July 14, 2014, and including the other ladder, around 30,000 passed Rock Island Dam for the day. He said that both entrances are operating in a low flow configuration.

Keller said that Chelan PUD is currently preparing their monthly Interim Fish Passage Plan Report to submit to the Federal Energy Regulatory Commission; once finalized, the report will be distributed to the Coordinating Committees. Keller said that the report will summarize Rock Island Dam activities during the month of July, and should be ready by the end of August.

III. Douglas PUD

A. Subyearling Sampling (Tom Kahler)

Tom Kahler said that Douglas PUD continued weekly seine sampling for subyearling Chinook in May and June 2014 in Wells Reservoir using the methods they implemented as part of their 3-year subyearling sampling study. Kahler said that the weekly sampling provides data on presence, abundance, size, and availability of subyearlings to beach-seining gear and was originally intended to inform the commencement of tagging, during the three years of subyearling tagging. He added that a written summary of the data from this year is not yet available, but would be incorporated into the summary report of the larger study. He indicated that the purpose of current efforts is to gain a better understanding of when fish are available in the Wells Reservoir and when fish reach a size where they can be PIT-tagged.

Kahler said that between May 7 and June 23, 2014, Douglas PUD conducted seven weekly sampling trips. He said that the same two, productive sites located in the upper reservoir that were sampled in 2011-2013 were seined again this year: one site located downstream of the mouth of the Okanogan River, and the other located at the downstream end of Washburn Island. He said that fish at the Washburn location are assumed to be progeny of mainstem spawners, and fish at the Okanogan mouth are the progeny of both mainstem and Okanogan spawners. He said that the fish were generally very small and taggable-sized fish were not encountered in any significant numbers until mid-June. He said that the mean

fish-size target for tagging is 60 millimeters (mm), and during the sampling event on June 23, 2014, 53% of the fish were greater than 60 mm fork length. He also said that throughout May and June 2014, Douglas PUD communicated the results of the weekly sampling to the CCT, so that the CCT seining crews would know when to begin their PIT-tagging efforts. He added that the CCT commenced their seining and tagging operation on June 30, 2014; and that Douglas PUD did not sample after June 23, 2014, since the CCT seining would generate the desired data.

Kahler said that the CCT started releasing their subyearling Chinook salmon production from Chief Joseph Hatchery on May 21, 2014, and on May 30, 2014, Douglas PUD started catching significant numbers of Chief Joseph Hatchery subyearlings at Gebbers Landing, the site located near the mouth of the Okanogan. He added that the number of clipped subyearlings greatly exceeded the number of natural-origin recruits (NORs), and that was also the case in the catches on June 6, 2014. He said that hatchery subyearlings persisted in the catches until the June 23, 2014 sampling event, when only two clipped subyearlings were captured indicating that most hatchery-origin fish had moved out of the system.

Kahler said that Douglas PUD plans to evaluate these new data in an overall summary report of the 3-year tagging study. He added that Douglas PUD also intends to continue early-season sampling to obtain more information on variability in the size of fish on sampling dates, and timing of fish availability. Mike Schiewe asked if Douglas PUD plans to continue the study, or if this is just an effort to get additional PIT-tagged fish into the system. Kahler said that no additional PIT-tagging is being done by Douglas PUD; Douglas PUD is only collecting information on fish presence, size, and availability. He added that one assumption of the survival study model is that the population at large is represented in the tagged population, and he noted two possible concerns: 1) fish obtained earlier are too small to tag; and 2) later in the season, fish of taggable size are less available.

B. Wells Dam Fish Counts (Tom Kahler)

Tom Kahler said that an email outlining the current fish count issues at Wells Dam was distributed to the Coordinating Committees by Kristi Geris on Friday, July 18, 2014. He said that two fish counters are unable to report to their Wells Dam work stations due to the

nearby wildfires, and that the other fish counters are working overtime; he noted that the latter is not sustainable without a full crew to allow rotating overtime schedules. Kahler noted that the peak of the run is still strong, so there is a lot of catching up to do. Mike Schiewe said that the Coordinating Committees, among others, understand the problems caused by the wildfires, and that everyone's efforts are appreciated.

IV. Hatchery and Tributary Committees Update (Mike Schiewe)

Mike Schiewe updated the Coordinating Committees on the following actions and discussions that occurred at the last HCP Tributary Committees meeting on July 18, 2014:

- *General Salmon Habitat Program Proposals:* The Tributary Committees received five full proposals to the 2014 General Salmon Habitat Program, three of which received combined Tributary Committees contributions amounting to more than \$400,000 (all of which were also matching funds). Those projects include the Methow Watershed Beaver Reintroduction, Barkley Irrigation Company – Under Pressure (the largest of the three with \$300,000 in contributions), and Icicle Irrigation District Flow Control Structure. Currently, there is about \$4,074,020 in the Rock Island Plan Species Account, \$1,745,241 in the Rocky Reach Plan Species Account, and about \$253,775 in the Wells Plan Species Account. Tom Kahler said that the Wells Account information may be incorrect, and that he will confirm with Tracy Hillman (BioAnalysts) the current account balance for the Wells Plan Species Account. *(Note: Kahler contacted Hillman following the meeting on July 22, 2014, and determined that the current account balance for the Wells Plan Species Account is \$1,228,313—not \$253,775, as reflected in the July 2014 Progress Report from the Tributary Committees. Hillman provided a revised July 2014 Progress Report from the Tributary Committees to Kristi Geris on July 22, 2014, which Geris distributed to the Coordinating Committees that same day.)*
 - *Budget Amendment: Entiat Stillwaters Gray Reach Acquisition:* The Rocky Reach Tributary Committee approved Chelan-Douglas Land Trust's request to move \$36,000 from "land purchase" to "sponsor salaries and benefits" in order to develop Stewardship Plans. This budget amendment does not change the total budget amount for the project.
-

- *Approved Appraisers:* Based on recommendations from Larry Rees (the Tributaries Committees' approved appraiser) and Chelan-Douglas Land Trust, the Tributaries Committees approved Tom Walters as an additional appraiser.
- *Next Steps:* The next Tributary Committees meeting will be held on Thursday, August 14, 2014.

Schiewe updated the Coordinating Committees on the following actions and discussions that occurred at the last HCP Hatchery Committees meeting on July 16, 2014:

- *DECISION: Grant PUD Access to Use Excess Production Capacity at Douglas PUD Facilities to Produce Steelhead and Spring Chinook Salmon:* The Wells Hatchery Committee approved a Statement of Agreement (SOA) for the next 10-year period in which Grant PUD will be rearing part of their settlement agreement for steelhead and spring Chinook salmon at Douglas PUD facilities. Similar requests have been approved annually after confirming that the production did not affect any existing sharing agreements or mitigation production; however, because the request is the same each year, the Wells Hatchery Committee agreed to extend the term of the approval to cover a 10-year period.
 - *PRESENTATION: Ecological Risk Assessment of Upper-Columbia Hatchery Programs on Non-Target Taxa of Concern (NTTOC):* Greg Mackey presented on the NTTOC effort that has been ongoing for several years. The modeling results indicate that adverse effects of Hatchery programs on NTTOC are minimal. These findings were based on a risk model which showed that Hatchery programs did not exceed selected containment levels. Completing this NTTOC modeling effort partially fulfilled Objective 10 of the Hatchery Monitoring and Evaluation (M&E) Plan.
 - *DISCUSSION: NTTOC Objective Finalization:* A SOA is being developed for Hatchery Committees review that documents partial fulfillment of Objective 10 of the Hatchery M&E Plan (Objective 12 in the updated Hatchery M&E Plan).
 - *Tangle Netting in the Chewuch:* Chelan PUD reported on the tangle netting efforts in the Chewuch, indicating that three fish have been captured to date. Lance Keller updated this information adding that the current count is now up to 16 fish.
 - *CCT's Okanogan Section 10(j) Permit:* The CCT reported that the Okanogan Section 10(j) permit has been published in the Federal Register, establishing experimental
-

status of spring Chinook salmon that are introduced into the Okanogan. Kirk Truscott noted that the permit becomes effective 30 days after publication. He added that fish raised at Winthrop National Fish Hatchery will be transferred to an acclimation facility in the Okanogan in late-October or early-November.

- *Rearing Coho at Wells Hatchery for the YN's Coho Reintroduction Program:* The YN and Douglas PUD are discussing a potential proposal to rear coho at Wells Hatchery. Some yet-to-be-determined proportion of the production would be funded by the YN's Coho Reintroduction Program and some proportion could be Douglas PUD's HCP production requirement. Tom Kahler said that initial discussions are still underway, and another meeting is planned in the next couple of weeks. He said that the proposal includes about 450,000 coho, 50,000 of which could be for Douglas PUD's No-Net-Impact contribution.
- *Proposed Modification to Tumwater Dam Operation:* On Friday, July 11, 2014, as sockeye numbers increased at Tumwater Dam, WDFW modified the trapping schedule to avoid delays to spring Chinook salmon. WDFW had yet to obtain USFWS approval for the modified schedule, and anticipates receiving approval by Thursday, July 17, 2014. Mike Tonseth recently distributed an email indicating that trapping operations at Tumwater Dam shut down last week due to several major wildfires in the vicinity of Tumwater Dam; and that beginning today, July 22, 2014, the trap will operate Monday through Friday from 6:00 a.m. to 3:00 p.m. (9 hours per day or 45 cumulative hours per week), and not exceed 48 hours per week permit limits.

V. HCP Committees Administration

A. Next Meetings (Mike Schiewe)

Mike Schiewe said that the next scheduled Coordinating Committees meeting is August 26, 2014, to be held in person at the Radisson Hotel in SeaTac, Washington. The September 23, 2014 and October 28, 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 A
List of Attendees

Name	Organization
Mike Schiewe	Anchor QEA, LLC
Kristi Geris	Anchor QEA, LLC
Lance Keller*	Chelan PUD
Steve Hemstrom*	Chelan PUD
Tom Kahler*	Douglas PUD
Jim Craig*	U.S. Fish and Wildlife Service
Scott Carlon*	National Marine Fisheries 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
