

PRCC Hatchery Subcommittee Meeting

Meeting Summary

PRCC Hatchery Subcommittee Meeting

Thursday, March 18, 2010

Cedars Inn – Wenatchee, WA

Attendees

Committee Members

Dave Carie, (alt), USFWS
Russell Langshaw, (alt) GCPUD
Keely Murdoch, (alt) YN
Todd Pearsons, GCPUD
Kris Petersen, NMFS (On Phone)
Tom Scribner, YN
Mike Tonseth, WDFW
Kirk Truscott, CCT

Others

Pat Burdick, GCPUD
Curt Dotson, GCPUD
Christopher Good, FWI
Brian Vinci, FWI
Ian Hunter, GCPUD
Don Larsen, NOAA
Elizabeth McManus, Facilitator
Patrick Donovan, Facilitator

Action Items

1. Elizabeth will follow up with Heather Bartlett to obtain a copy of the factsheet presented to the PAC on US-v-Oregon and mass marking.
2. Elizabeth will follow up with Russell and distribute to Tom the mass marking cost and statistics (i.e. power analysis), that Russell is preparing to help address the mass marking issues being discussed within the PAC.
3. Elizabeth will work with Todd on the Dryden, Carlton, and East Bank facility feasibility studies to ensure updates on the study are brought forward to the HSC with enough time for them to provide feedback and/ or influence the study contents to ensure all questions are addressed.
4. Russell will submit a request letter to NMFS asking that Grant PUD's current Section 10 permit to be extended until the HGMP process has been completed and a new permitting decision is made.
5. Elizabeth will re-distribute the White River water right support letter to the HSC.
6. Elizabeth will follow up with Ali and Mike to confirm the HCP's status with moving forward with SOAs on feasibility studies for Dryden and Carlton Ponds.
7. Elizabeth and Patrick will coordinate with NMFS and Grant PUD to reach agreement on neutral language concerning comments on the February meeting summary.
8. Mike will coordinate internally with WDFW statisticians to evaluate the sampling and testing protocols for mass marking.
9. Grant PUD will send Elizabeth the Skalski 2007 white paper and the M&E Plan for all of Grant PUD's supplementation programs for redistribution to WDFW.
10. Elizabeth will follow up with Denny to assess where the HC's consensus stands with respect to acclimation at Tall Timbers and to obtain a copy of the draft SOA.
11. Kirk will suggest revisions to the Sockeye HGMP based on discussions with ONA to establish a process by which the HSC would review ONA's annual Implementation Plan.

12. Patrick will continue to build the calendar out, and as part of that will add the PRCC monthly meeting dates.
13. Todd will send Elizabeth a copy of the draft final Nason Creek water assessment study for circulation to the HSC.
14. All HSC members will coordinate internally with engineering/ technical staff to ensure they are available to review the White River basis of design document (which will be distributed in April) and/ or attend the April Committee meeting.
15. Elizabeth will circulate a list of key talking points for her update to the PRCC during their March meeting for HSC review.
16. Russell and Mike will coordinate on the captive brood information needed to support the upcoming JFP meeting and prepare needed information.
17. Elizabeth will coordinate with the PRCC and HC Committee Chairs to arrange for regular updates.

Decisions

1. The HSC voted on and approved an SOA on assessing the feasibility of modification of Chelan PUD's Carlton Pond to provide overwinter acclimation facilities and/or expanded capacity.
2. The HSC agreed to revise the Sockeye HGMP to add language identifying a process by which the HSC would review the ONA's annual Implementation Plan.
3. The HSC agreed to the CCT's request that 5,000 of the 40,000 juvenile Wells stock steelhead released in Salmon Creek be transferred to a settling pond located at the irrigation diversion at Salmon Creek to pilot the feasibility of short-term rearing of steelhead on Salmon Creek.
4. The HSC agreed to hold a meeting with the White River Work Group approximately during the week of April 19, 2010.
5. The HSC agreed that Grant PUD should follow one of the four plans (i.e. Plan A, B, C, or D identified within section XIII(B of this summary) as a path forward for acclimating the WR spring Chinook BY 2008.
6. For the FY 2008 WR pedigree analysis, the HSC agreed that Grant PUD should retain all 479 wild by wild fish and that if additional fish are needed to meet broodstock objectives, all of the 263 wild by unknown fish will be retained and may be used as necessary, making sure to maximize the family diversity across all groups.

Draft Meeting Summary

I. Action Items Review & Other Committee Updates

- A. Action Items Review:** Elizabeth reviewed and provided updates to the action items identified during the February HSC meeting. The following items were discussed in substance:
 - Captive Brood Production Estimate: WDFW is working to analyze the last set of data collected from Little White Salmon National Fish Hatchery (LWSNFH) for F1 survival. WDFW anticipates final estimates of the captive brood production to be available during the week of March 22, 2010.

- Feasibility Studies: Elizabeth will continue to work with Todd on the Dryden, Carlton, and East Bank facility feasibility studies to ensure updates on the studies are brought forward to the HSC with enough time for them to provide feedback and/ or influence the study contents to ensure all questions are addressed.
- EA vs. EIS: Grant PUD's efforts to identify the type of environmental review for the White River supplementation program is ongoing. They will work with the agencies making the NEPA decision to determine what document is most appropriate.
- February Meeting Summary: Elizabeth will work with Grant PUD and NMFS to reconcile comments on the draft summary and will redistribute a revised redline/strikeout draft to the HSC for review prior to their April meeting.

B. Updates from the PRCC –Recent discussion by the US-v-Oregon parties seem to be bringing the Priest Rapids Hatchery (PRH) fall Chinook mass marking dispute closer to resolution. The PRCC set a resolution deadline of May 31, 2010 for the mass marking issue. The PRCC has requested that Elizabeth update them on White River activities and HSC progress at their March meeting. Elizabeth will prepare talking points on these issues and circulate them for HSC review.

C. Updates from the PAC –The PAC is working on a factsheet to provide the PRCC with technical information on the PRH fall Chinook mass marking dispute. (WDFW is doing the drafting.) The PAC set a deadline of March 31, 2010 to finalize and provide the factsheet to the PRCC. Time constraints will make it difficult for the US-v-Oregon parties to reach agreement on a mass marking strategy for 2010, so marking will likely move forward using the existing protocols this year. The HSC agreed that if the current marking strategy is utilized it will be critical to determine what sampling and testing protocols will be needed at the hatchery and on the spawning grounds to produce statistically significant information. The HSC agreed that WDFW and NMFS statisticians should review the M&E objectives and brood management goals to determine what level of fish marking would be necessary to produce statistically significant results. Grant PUD will send Elizabeth the Skalski 2007 white paper and the M&E Plan for all of Grant PUD's supplementation programs for redistribution to WDFW. The HSC also agreed that future discussions of the Committee are needed to establish what level of confidence they expect from sampling to establish measureable M&E metrics.

D. Updates from the Habitat Committee – As part of the funding agreement for the conservation easements at Tall Timbers and the Nason View property, language requires that acclimate sites are not precluded in the easement. The

HSC discussed whether there was any need to be concerned about the HC's level of support for the McComas overwinter acclimation facility. While HSC members recognize the McComas location as a compromise, no HSC member expressed a desire to abandon the McComas site. The HSC continues to agree that ideally overwinter acclimation at McComas will be complemented by temporary early-spring acclimation sites higher in the system (such as a site at Tall Timbers). Elizabeth will follow up with Denny to find out more about the HC's and PRCC's discussions of the McComas site.

II. Carlton Pond SOA

- A.** Continued Discussion: The draft Carlton Pond SOA was updated to reflect that:
1) Grant PUD will continue to identify, evaluate and consider other opportunities in the Basin, including different ways to use the Carlton site and potential use of the property adjacent to site; 2) Grant PUD will provide the HSC with regular updates on other options under consideration; and 3) the Carlton Pond feasibility study will be completed by September 2010. The HSC reviewed the revised SOA and made a small number of grammatical revisions.

- B.** Next Steps/ Voting: The HSC voted on and approved the SOA on Carlton Pond as revised and projected on the screen.

III. Sockeye HGMP Update –No additional comments have been submitted on the draft Sockeye HGMP. Kirk is continuing to talk with the Okanagan Nation Alliance (ONA) and is in the process of developing language describing HSC review the ONA's annual Sockeye Implementation Plan. April agenda item: HSC vote on the Sockeye HGMP.

IV. Carlton & Dryden Pond Feasibility Studies –Completion of the feasibility studies for Carlton and Dryden Ponds are contingent on bathymetry surveys being conducted at both sites. Grant PUD's consultants have been unable to conduct the bathymetry surveys so far due to safety hazards associated with poor weather conditions. The worst case scenario is that the surveys cannot be complete until July, 2010; however, Grant PUD is asking the consultants to evaluate conditions and get the surveys done before the spring freshet if at all possible. April agenda item: Grant PUD update on the status of Carlton and Dryden Pond feasibility studies.

V. 2010 Work Planning/Calendar – The intention of the 2010 work planning calendar is to track recurring deadlines (i.e. agendas, meetings, etc), special deadlines (i.e. facility design dates), and general FYI dates (i.e. other committee meeting dates, public hearing dates, etc.). The calendar will be used to help structure the HSC monthly meeting agendas. Outside of the meeting dates, all dates are preliminary. Patrick will continue to build the calendar out and as part of that will add the PRCC monthly meeting dates. HSC members should send any dates they want reflected on the calendar to Patrick.

VI. Other Grant PUD Status and Pending Issues Reports

A. Update of Notable Activities – Elizabeth and Patrick distributed the current Grant PUD status and pending issue reports and noted a number activities that have taken place within the following Grant PUD supplementation programs: 1) Cassimar-Bar and Methow Steelhead; 2) Coho; 3) Methow spring and summer Chinook; 4) Okanogan spring and summer Chinook; 5) PRH fall Chinook; 6) Sockeye; and 7) Wenatchee summer Chinook.

B. Committee Discussion and Comment – The HSC made the following comments and clarifications regarding the program status reports:

- There are two separate facilities represented in the summer Steelhead and Cassimer Bar program status report, the Cassimer Bar and Wells Hatcheries. The Saint Mary's acclimation pond is located on Omak Creek.
- The delay in ground breaking for the Chief Joe Hatchery, as identified in the Okanogan spring & summer Chinook program status reports, is primarily due to a 408 Federal approval process required by the Army Corps of Engineers.
- The workshop for the Okanogan River weir is being rescheduled.
- With respect to the Fall Chinook Hatchery Program, of the 11.9million eggs incubated at the Priest Rapids Hatchery approximately 1.2million were over collected and then dispatched. Grant PUD provided further clarification that the egg collection process for Ringold did not include the District and was based on an agreement between WDFW and the Army Corps of Engineers.

VII. Priest Rapids Hatchery Redesign –The PRH redesign dispute went to PRCC for their February meeting along with all corresponding Subcommittee documents. The dispute was not formally embraced by the PRCC; WDFW and Grant PUD decided to continue working on the issues in hopes of reaching agreement. They will meet the week of March 22, 2010 and will update the HSC during their April meeting.

VIII. PRH Fry Requirement to Sub-yearling Smolts – Tom requested the HSC's feedback on the PAC's interest in changing the fry-production component of Grant PUD's fall Chinook

mitigation requirement (approximately 1.0M fry) to an equivalent sub-yearling production. This proposal likely would require a revision to the SSA and the flow-through documents including Grant PUD's license. The HSC agreed that if any conversion were to take place the conversion ratio should be worked out at the subcommittee level. The HSC recognized that any decision to reopen the SSA and the documents it flows through (including the license) would have to be made at a policy level. Members will check with their organizations to gauge interest in this idea.

IX. Collection of NORs at the PRD OLAFT – Tom discussed a proposal from the YN to collect natural origin returns (NORs) at the Priest Rapids Dam (PRD) Off-Ladder Adult Fish Trap (OLAFT). Based on estimates provided by WDFW, which indicate that 90 to 95% of the volunteer channel fish are hatchery origin, the YN's believe that there needs to be a clear strategy to collect NORs if the transition to a fully integrated program is to be made. The CCT reiterated their concern that collection of NORs in the OLAFT could have unacceptable adverse impacts on the number of NORs returning to the upper basin. The HSC agreed that the data on the volunteer channel should be reviewed to determine the actual number of returning NORs (if any) and to see if efficiencies can't be gleaned from to better identify and collect returning NORs there. Since 2005 30% of PRH fish are adipose-clipped which can be used to better identify NORs. Mike and Russell will coordinate on gathering historical estimates for the PRH volunteer channel and what potential new information might be available this year based on the new adipose markings. The JFP will discuss this issue further during their next meeting, tentatively scheduled for the week of March 22, 2010. YN recognized the need to come up with a solution that would not create unacceptable impacts to upstream programs and CCT agreed to continue to discuss the issue.

X. Draft 2010 Upper Columbia River Salmon and Steelhead Broodstock Objectives and Site Based Brood Stock Collection – Mike requested HSC input on the production levels in Table 14 of the draft protocol. Production levels for Priest Rapids fall Chinook are currently set at 6.7M (5M for Grant PUD mitigation and 1.7M for John Day mitigation). Mike is working to confirm an additional 3.7M for Ringold under contract by the Army Corps of Engineers and WDFW. The HSC agreed that in addition to the 3.7M for Ringold, WDFW should confirm the status of the YKFP's 2M proposal and its implications. YN indicated that a formal proposal for 2M green eggs would be coming soon. The HSC agreed that a decision/proposal from YKFP is needed by no later than June 15, 2010.

XI. Water Recirculation Study Presentation and Discussion

Todd prefaced the presentation by stating that Grant PUD funds 30% of the water recirculation study.

A. Water Recirculation Study Presentation – Chris Good, Director of Aquatic Veterinary Research at the Fresh Water Institute presented the preliminary

findings of a two year pilot (2008 – 2009) study of Chinook salmon reared in partial reuse circular tanks at the Eastbank hatchery and flow-through raceways. The study concluded the following: differences noted in various health parameters between raceway and reuse fish tended to be mild and subclinical in nature; and fish reared in a partial water reuse environment are comparable to fish raised in raceways after 5-6 months.

B. Precocious Maturation, Preliminary Findings Presentation - Don Larsen, Research Fishery Biologist with NOAA Fisheries presented the preliminary findings of the 2008 and 2009 physiology of the Mid-Columbia summer Chinook rearing study. The purpose of the study was to assess and compare the growth, smolting, and early male maturation of summer Chinook reared in either recirculating (recirc) tanks or using standard protocols with the objective of determining if differential rearing affects the quality and performance of smolts released. The 2009 study concluded the following: 1) summer Chinook in both control and ReCirc. groups were bi-modal; 2) small and large modes in each group were of similar size and proportion; 3) there were no significant differences in IGF1 within size modes between treatments; 4) there were no significant differences in Na⁺/K⁺- ATPase within size modes between treatments; 5) rearing treatment has little effect on patterns of growth and smolting for the large size mode in either treatment (most fish); 6) fish in the small size mode have more dynamic patterns of growth and smolting in the spring; and 7) Minijack rates were 3 times higher in the control vs. recirc fish, but still less than 10% among males. In 2010, the study will compare growth, smolting, and early male maturation of summer Chinook reared in either recirc tanks then Chelan PUD net pens; control raceways then Chelan PUD net pens; or control raceways then at Carlton Pond. A number of preliminary observations have been made: sampling of all groups is going well; bi-modality was already established by October of the previous autumn in both control and recirculating groups; and all groups grew throughout the winter and are similar in size. Sample analysis will commence when field season ends in late April.

C. HSC Comments and Questions

- Grant PUD clarified that they are interested in potentially using both ReCirc and circulars in future facility designs and the intent of these presentations was to provide information and get feedback on both approaches.
- With respect to the Mid-Columbia summer Chinook rearing study 2009 results the increased number of mini-jacks in the raceways may be due to early maturation signals which may be attributed to rearing fish on well water.

- The HSC expressed concern that the rearing studies presented do not include the possibility of overwinter acclimation. Don indicated that he supports the idea of adding overwinter acclimation to their monitoring studies.
- Don clarified that both test groups (Carlton and Dryden) are being pair fed to ensure a similar growth rate between the two groups of fish. Both groups are fed a maintenance diet during the winter months.

XII. White River Spring Chinook Program

A. Update and Review of Project Status Report –Work in the past month has primarily focused on the public outreach efforts and setting up acclimation activities for 2010. Grant PUD will submit a letter to NMFS by 3/19 requesting an extension of the Section 10 permit coverage for the White River program.

B. Update and Discussion of Pending Issues

- Stakeholder Outreach Meeting #2 –Overall the second White River and Nason Creek stakeholder outreach meeting held on February 20, 2010 in Leavenworth went well. A third stakeholder outreach meeting will take place after the White River Work Group completes their review and provides input on the conceptual acclimation facility designs for the McComas site.
- Habitat Committee and Tall Timbers Issue: Russell provided an update on the Tall Timbers conservation easement agreement developed by the HC which includes language ensuring the easement would not preclude an acclimation site if one were to be appropriate. The HC indicated to the Grant PUD that they would like more coordination and communication with the HSC. Elizabeth will coordinate with the PRCC and HC Committee Chairs to arrange for regular updates.

Some members of the HC may have expressed some concern with the McComas acclimation site, particularly its location relatively low in the river. The HSC discussed and agreed that all Subcommittee members need a consistent message on McComas as follows: (1) McComas has been identified as the acclimation site; (2) there are significant opportunities to improve 15 acres of flood-plain habitat at McComas, which will be pursued as part of building the acclimation facility; and (3) Over-winter acclimation at McComas should be supplemented by temporary early spring acclimation higher in the system, such as at the Tall Timbers side channel, which will be used this year. The HSC advised Grant PUD to develop conceptual drawings of the habitat enhancements for the McComas site to get the HC more engaged in the

McComas site potential habitat benefits. Grant PUD indicated that a conceptual habitat plan be ready until after the next White River Working Group meeting being scheduled for the first week in April.

- PRCC request for update on HSC – The PRCC requested that Elizabeth attend their March 3, 2010 meeting to provide an update on the status of the White River program in addition to a more general update on HSC activities. The HSC discussed and agreed on the following high level talking points for Elizabeth to cover during the update: 1) The White River supplementation program history and goals and progress; 2) The current White River captive brood efforts; 3) The future of the White River program – identifying and building out sites in the Basin and transition to an adult-based program; and 4) The connection between supplementation and habitat activities. Elizabeth will circulate a more robust outline of key talking points for comment and to make sure there are no surprises as to what was covered during the update.
- Captive brood information gathering and decision process – Russell is continuing to develop a brief comparison/ report of the results of the captive broodstock rearing phase to-date with the projections identified in the 2007 White River HGMP. He will coordinate with Mike on this data gathering. Mike is continuing to develop a projection of what production might be expected from the current captive brood (i.e., if there is no further collection).
- Spring Chinook Implementation Plan –The JFP met by conference call and identified what internal agency processes are needed to finalize the implementation. The CCT indicated that before approving the implementation plan they would like to assure that any implementation plan issue also implicated in the US-v-Oregon discussions will be resolved consistently (for example, the Chiwawa reduction).
- White River Work Group – The White River Work Group remains interested in holding a special meeting with the Committee to discuss their views on options for the White River facilities. The HSC agreed to hold a meeting with the White River Work Group during the week of April 19, 2010, or as appropriate.
- Acclimation for the WR spring Chinook BY 2008 – Susan Guttenberg assessed the health of the BY 2008 fish and made recommendations on a management strategy for high and moderate level ELISA fish. The fish look relatively healthy this year and none are (yet) breaking for BKD. Susan suggested the following: 1) Prior to transport: remove any

mortality before loading into trucks; 2) Transport the BKD high risk group separately from the low to moderate risk groups; and 3) Outplant the BKD high risk group in an acclimation site that is distanced from the low to moderate risk group.

Russell indicated that the net pens will be placed on 3/29 and the other infrastructure needed (nets at McComas and sandbags at Tall Timbers) also will be placed early that week. So far, flows at Tall Timbers have not yet come up. The HSC agreed to the following path forward:

- Coordinate with LWSNFH on which fish must be moved up. The expectation is that fish must be moved by the first full week in April, at the latest.
 - For high-risk BKD fish: follow Susan's recommendations during pre-transport and transport and place remaining fish in the net pens taking care to separate the high-risk group from the others by as much distance as possible. If the fish break with BKD between now and the date of transfer Grant PUD will directly release them into Lake Wenatchee.
 - For the rest of the fish, there is a series of options depending on how quickly flows come up.
 - Plan A: If the flows increase at the Tall Timbers site transfer 10k fish to Tall Timbers, 10K to the McComas acclimation facility and the rest into the net pens;
 - Plan B: If the flows do not increase at the Tall Timbers site transfer 20K to the McComas acclimation facility, provided McComas has the capacity to handle that number of fish, the rest will go to the net pens; and
 - Plan C: If the flows do not increase at the Tall Timbers site and McComas is not large enough to accommodate 20K, the 10K that would have gone to Tall Timbers will go to the net pens with the rest of the fish. If this causes a capacity problem in the net pens Grant PUD will direct release the high and moderate ELISA fish to make room for the others.
- HGMP Status and Take Tables – NMFS is moving forward to release the Wenatchee Basin HGMP's for public comment. Kris will send an update when the notices go to the federal register. The HSC will have additional opportunities to provide comments as the HGMPs evolve both formally,

as part of the public process, and informally, as part of the HSC process. The HSC discussed the revised take tables provided by NMFS in their comment letter to Grant PUD. After discussion, the HSC agreed that the originally submitted take tables will be used in the HGMPs that go for public comment. NMFS reiterated that as part of looking across the Basin, take (particularly adult take) will have to be reconciled between the various HGMPs/permits.

- White River facility Basis of Design –A draft of the White River Basis of Design (BOD) will be distributed prior to the Committee’s April meeting. The White River BOD will be approximately 30-pages with a four page executive summary covering all of the key aspects of a facility’s design, including level of mechanization; how standards set within the HGMP will be met; site location; kinds of vessels; water source; and fish handling approach. The intent is to establish and agree to key aspects of facility design early in the process, so future check-ins can simply update against the initial directional design agreements. This should decrease the amount of time associated with the design review and increase the predictability of design directions (or at least reduce surprises). HSC members agreed to coordinate internally with engineering/ technical staff to ensure they are available to review the White River BOD and/ or attend the April Committee meeting to provide input on the key elements of the White River facility design.
- Pedigree Analysis – Russell briefed the HSC on the results of this year’s White River pedigree analysis. The HSC agreed that Grant PUD should retain all 479 wild by wild fish. The HSC further agreed that if additional fish are needed to meet broodstock objectives, all of the 263 wild by unknown fish also may be retained, making sure to maximize the family diversity across all groups.

XIII. Nason Creek Spring Chinook Program – Continuing Discussion

- A. Update and Review of Project Status Report** – Work in the past month has focused on stakeholder outreach and investigating space at other facilities.
- B. Update and Discussion of Pending Issues:**
 - Locating Capacity at Other Facilities – Grant PUD is continuing work with Chelan PUD to fund a feasibility study at the Eastbank facility. The feasibility study will explore whether excess capacity exists and/or if capacity might be added for adult holding, incubation and early rearing of Nason Creek production. It will take into account Chelan PUD’s water

conservation objective. Todd will provide an update on the Eastbank feasibility study during the April meeting.

- Nason Creek Facility BOD –Grant PUD’s work on the Nason Creek facility basis of design (BOD) is ongoing and that a more detailed update would be provided during the HSC’s April meeting.
- Nason Creek Water Assessment – FWI completed a draft final water assessment study for the Nason Creek site, which includes a breakdown of both the cost and efficiency of each treatment method being considered. Todd will send Elizabeth a copy of the draft final Nason Creek water assessment study for circulation to the HSC.
- HGMP Status –The supplemental information prepared by Grant PUD in response to NMFS comments on the Nason Creek and White River HGMPs is complete and will be submitted to NMFS by the end of March.

XIV. Acclimation in the Methow – Russell indicated that 20K Methow hatchery fish – 10K of which received PIT tags – are ready for transport to Biddle’s Pond for acclimation. The fish have not yet been transferred because Biddle’s pond is still frozen. Tom and Russell will coordinate on next steps.

XV. Salmon Creek – Kirk briefed the HSC on the BY 2009 Wells stock steelhead smolt release allotment for Salmon Creek. The CCT’s are requesting 40,000 summer steelhead smolts from the Wells Hatchery to be planted in Salmon Creek during the spring of 2010. The CCT’s also are requesting that 5,000 of the 40,000 juvenile Wells stock steelhead released in Salmon Creek be transferred to a settling pond located at the irrigation diversion at Salmon Creek to pilot the feasibility of short-term rearing of steelhead on at this site. There was no opposition to these proposals.

XVI. Wrap-Up / Next Steps

A. Next Meeting: Thursday, April 22nd, 2010 – Cedars Inn, East Wenatchee

B. Potential April Meeting Agenda Items

- White River Basis of Design
- White River and Methow acclimation updates
- Mass marking and PR Hatchery redesign updates
- Voting on the Sockeye HGMP
- Update on WR Workgroup meeting
- Program status reports
- Feasibility Studies update