



Meeting Minutes

PRCC Hatchery Subcommittee

Tuesday, August 19, 2008
9:00 a.m. to 4:00 p.m.
Douglas PUD Auditorium

PRCC Hatchery Subcommittee Members

Kris Petersen, NMFS	David Carie, USFWS
Jerry Marco, CCT	Russ Langshaw, GCPUD
Tom Scribner, Keely Murdoch, YN	Carl Merkle, CTUIR
Kirk Truscott, WDFW	

ATTENDEES: (*Denotes PRCC Hatchery Subcommittee Member)

Kris Petersen, NMFS*	Jerry Marco, CCT*
Keely Murdoch, YN*	Russell Langshaw, GCPUD*
Julie Pyper, Chelan PUD	David Carie, USFWS*
Kirk Truscott/Bob Pfeifer, WDFW*	Greg Ferguson, Sea Springs
Todd Pearsons, Grant PUD	Debbie Williams, GCPUD
Chris Carlson, GCPUD	Denny Rohr, Facilitator

Action Items:

- **July 22, 2008 conference call meeting minutes will be distributed by Rohr.**
- **Williams will send WDFW-Grant PUD PR Hatchery Coordination meeting minutes in the Jacobs's format to HSC members.**
- **Draft HGMP quantitative objectives will be distributed to the HSC by Grant PUD before the September HSC meeting.**
- **JFP will meet before the next HSC meeting to define recommendations for HGMPs.**
- **The JFP will decide if the OLAFT will be used to collect broodstock for PRH at a meeting on September 03, 2008. Truscott will contact Langshaw via email with the JFP's decision. Truscott will contact PRH staff to notify them that they shouldn't start using the OLAFT for PRH broodstock collection until further notice.**
- **Langshaw will formally outline committee interaction of the FCWG, HRWG, and PRCC.**

- Marco will send Colville comments to the summer Chinook HGMP to Dotson by August 28, 2008.
- Grant PUD will develop a list of HGMP questions that the JFP needs to answer at their September 03, 2008 meeting.
- Truscott will speak internally with WDFW staff on August 25, 2008 as to whether or not non sensitive information in the white paper can be given to Grant PUD to assist in HGMP writing. Truscott will contact Grant PUD by August 26th about a decision.
- Comments are due to NMFS by Friday, August 22, 2008 on the NOAA letter.
- Petersen will speak internally about non specific FCRPS that need to be in the HGMPs. Chelan PUD will submit comments to NOAA's Hatchery Consultation letter.
- Petersen will doodle HSC members to arrange a mutually agreeable date to discuss the HGMP process, options and answer questions.
- Petersen will inquire when Attachment 2 of the NOAA letter will be sent out.
- Langshaw will draft and send letters to NMFS and USFWS requesting confirmation that short term acclimation sites in the White River are consistent with existing permits. The letters will then be sent to the USACE as part of the JARPA permitting process.
- Langshaw will send the White River short term acclimation JARPA to HSC members.
- Ferguson will draft an acclimation report specifying net design, net size, and net placement to be distributed to the HSC by August 29, 2008. A one week comment period will be provided.
- Petersen will email Bob Lohn's letter regarding NOAA's support of the Aquaseed fish transfer to HSC members.
- Truscott will distribute WDFW's fish transfer protocol proposal upon issuance.
- A conference call will be scheduled by Rohr after WDFW issues their transfer protocol proposal to document the PRCC Hatchery Sub-committee's decision on the transfer of fish from Aquaseed to the Little White Salmon National Fish Hatchery.
- Williams will distribute the draft sockeye SOA to the PRCC before the August 27, 2008 meeting. Comments are due to Langshaw by September 05, 2008. Grant PUD will distribute comments to PRCC HSC members before the next meeting. Formal approval will be asked for by the PRCC HSC at the September 18, 2008 meeting.
- Grant PUD will make corrections to the request for fish under the Douglas inter-local agreement and distribute to the HSC.
- Marco will determine how many steelhead will be collected by the Colville's.

Decision Summary:

- PRCC HSC agree to wait until the 2008 rotary screw trap data is collected to determine efficiency of rotary traps in the White River and Nason Creek and whether adaptation of sampling techniques is necessary.

Final Meeting Minutes

- I. **Welcome and Introductions** - Rohr welcomed attendees.
- II. **Agenda Review** – Additions to the agenda: **July 22, 2008 conference call meeting minutes will be distributed by Rohr.** The new Natural Resources Director, Gerry O’Keefe will start September 30, 2008. Draft NOAA letter regarding hatchery consultations will be discussed. Draft Scribner letter requesting confirmation that fish transfer from Aquaseed is consistent with Section 10 permit.
- III. **Approval of Meeting Minutes** –
 - July 17, 2008 meeting – Approved
- IV. **Action Items Review** – Action items were reviewed.
- V. **Upper Columbia Salmon Recovery Board** – Langshaw presented proposed alternative acclimation methods and sites in the White River to the UCSRB board. He explained that proposed alternatives were received very well. The UCSRB recommended that the PRCC Hatchery Sub-committee (HSC) work with Chelan County to notify local residents of proposed activities. A Lake Wenatchee water quality meeting that will be held in September would give Grant PUD an opportunity to inform local residents of proposed activities. Informing people that have expressed interest or offered resistance to White River acclimation activities in the past is a good idea.
- VI. **Fall Chinook**
 - A **Priest Rapids Hatchery design** – Aerial drawings are not complete. WDFW has proposed moving the hatchery facilities in the area of the existing volunteer trap located at the downstream end of the spawning channel. Adult holding, incubation, office, raceways, channel fish rearing sections, feed storage and shop facilities have been modularized and can be fairly easily moved to different locations. Potential benefits include centralized hatchery facilities, no adult migration through the 1 mile long channel, use of the upper channel rearing ponds for M&E studies, better land gradients for moving fish, and relocation of hatchery staff residences. The move will require construction of a new feed storage and shop building. The existing incubation building, feed storage and shop would be available for the sturgeon facility. Relocation of piping would be expensive, over \$1 million. The HGMP adult holding, incubation and rearing criteria has been approved by Mike Lewis and hatchery staff and is consistent with IHOT criteria and Washington State Hatchery Manual Standards, stated Carlson. We are waiting for final WDFW criteria approval. Detailed hatchery facilities design will not occur until the criterion has been finalized. WDFW hatchery staff has voiced concern regarding recorded high radon levels (created by use of well water in a confined space) in the incubation building. Grant PUD will address those concerns. Spawning channel studies could be limited if the hatchery isn’t re-located. River water, not well water would be used for studies.

Evaluation of the benefits and costs of moving the hatchery facilities by Grant PUD are in the early stage. **Williams will send WDFW-Grant PUD PR Hatchery Coordination meeting minutes in the Jacobs's format to HSC members.** Grant PUD is presently setting up a meeting with WDFW and YN staffs to discuss which M&E objectives are possible.

- B **HGMP** – Pearsons updated the committee on HGMP development. Draft quantitative objectives will be submitted to the JFP for evaluation after internal Grant PUD review. **Draft HGMP quantitative objectives will be distributed to the HSC by Grant PUD before the September HSC meeting.** M & E plans and quantitative objectives are the least well developed sections of the HGMPs, stated Pearsons. The objectives for the programs are particularly important because they should be the starting point for evaluating competing alternatives and for developing M&E plans. Some HGMP tasks that Grant PUD is responsible for are not well defined. Pearsons questioned who should develop HGMPs that Grant PUD funds, but doesn't take the lead on. Should Grant PUD write an independent HGMP for those programs? These questions need to be answered by the JFP, stated Petersen. The JFP's decision needs to be consistent with language in the Settlement Agreement. Marco didn't think the Chief Joe HGMP would be included in the HGMP developed by Grant PUD for summer Chinook. The Colville's are close to submitting the master program for steelhead, stated Marco. Marco expressed his comfort with the Colville's steelhead HGMP, explaining it closely follows the preliminary recommendations of the HSRG, but stating it might be in conflict with the HSC. An option is to have the HSC review HGMPs prior to submittal. Okanagan River production is handled under the Colville HGMP. Grant PUD steelhead mitigation has two different programs permitted with two different HGMPs. **JFP will meet before the next HSC meeting to define recommendations for HGMPs.** Stating co funding may not be the long term solution for Grant's steelhead mitigation, Petersen would like to have input from the other interested parties and tribes before a decision is made. Petersen wants changes made to HGMPs before they are submitted for consultation. NMFS will rely on the other co-managers to determine proper flow and density requirements for HGMPs. Truscott noted that the current Wells program won't be in the works long term, and that the status of wild steelhead in the Methow River will require revisions to the program. It doesn't make sense to have Grant PUD complete their own HGMP for a portion of a program, when the program includes Okanagan or Methow populations, stated Truscott, noting the HGMPs would have to be identical. Grant PUD can't move forward with HGMP development until these issues are resolved, stated Pearsons. Grant, Douglas and Chelan PUD's have worked in conjunction to draft a letter to the HSRG regarding their recommendations. The letter will be sent to the HSRG within the next few months.

- C **U.S. Corp Mitigation** - Carlson explained that Grant PUD and the U.S. Corp are in contract development to have the Corps 1.7 million fish reared at Priest Rapids Hatchery (PRH). Carlson questioned if this should be in the HGMP. PRH designs are being developed to include this mitigation. Adult attraction water will start running on Sept. 3, 2008 at PRH. No formal request has been received by Grant PUD to take 3.4 million eggs at PRH for the Ringold Hatchery as part of the John Day mitigation. A formal request must be received by Grant PUD before eggs will be taken, stated Carlson. Grant PUD projects that the 5.7 million eggs needed to meet their mitigation will be achieved in 2008. Carlson explained that if funding agreements are reached, it won't be difficult in the near term to expand egg take to incorporate other program commitments, but that Grant PUD mitigation will take precedence over any other program. Because of fish quality and water issues, once the renovation is complete, Grant PUD will be less likely to be able to collect the 3.4 million eggs. It would be better if the whole program could be moved to Ringold, stated Carlson. If broodstock collection is expanded at PRH, PNI and Ringold straying, amongst other things needs to be considered, stated Pearsons.
- D **OLAFT** – WDFW have proposed to start the Priest Rapids Dam OLAFT to collect broodstock when fish start returning to the hatchery's volunteer trap. Broodstock collection at the OLAFT would cease once required broodstock numbers were assured. Langshaw questioned if use of the OLAFT needs to be a HSC decision. **The JFP will decide if the OLAFT will be used to collect broodstock for PRH at a meeting on September 03, 2008. Truscott will contact Langshaw via email with the JFP's decision. Truscott will contact PRH staff to notify them that they shouldn't start using the OLAFT for PRH broodstock collection until further notice.** Marco voiced concern that later returning adult summer/fall Chinook destined for tributaries or mainstem locations up river of the Priest Rapids Project could be impacted if the OLAFT is used for PRH broodstock collection. ESA permit does allow for brood to be taken at the OLAFT, but it must be in conjunction with the steelhead stock assessment, stated Truscott. The OLAFT is operated on Tuesdays and Thursdays until mid October.
- E **Fall Chinook Work Group (FCWG)** – Proposed studies for the study plan have been received by USFWS and ADFG?. Potential studies are being compiled and will be narrowed down by FCWG members. WDOE has final approval as to which studies will be conducted. The HRWG was developed to review a spawning study conducted in 2005 and 2006 by the Grant PUD. A follow up study plan to asses fry losses will be developed by the HRWG for the years 2011-2013. It is anticipated that the study plan developed by the FCWG will help guide development of the monitoring plan. There is no hierarchy between the HRWG and the FCWG, they must work together, stated Langshaw. The PRCC is the oversight committee; the HSC has no connection to the FCWG because their objective is to evaluate operational impacts. **Langshaw will**

formally outline committee interaction of the FCWG, HRWG, and PRCC.

- F **2008 Fall Chinook Channel Migration Investigation** – The spawning channel migration study won't be performed this year.

VII. **Summer Chinook**

- A **HGMP** – Grant PUD has received comments from the Yakama Nation and Chelan County PUD. **Marco will send Colville comments to the summer Chinook HGMP to Dotson by August 28, 2008.** Broodstock collection needs to be addressed by the HGMP, stated Ferguson. Broodstock strategy for any components above Wells are contingent on success of alternate broodstock collection, stated Truscott. Pearsons questioned if a hatchery conservation program is needed for summer Chinook. The JFP will decide if hatcheries are needed for conservation programs in the Wenatchee, Okanogan, and Methow. Marco stated that the Okanogan River is strictly a conservation program. **Grant PUD will develop a list of HGMP questions that the JFP needs to answer at their September 03, 2008 meeting.** Marco stated he wouldn't be in attendance at the JFP meeting, but that the HSRG recommendations will be discussed. A summer Chinook management plan for the Okanogan needs to be developed, stated Truscott. Langshaw reminded members that Grant PUD must have a complete summer Chinook HGMP by April 17, 2009.

VIII. **Spring Chinook**

- A **Spring Chinook management in Wenatchee Basin white paper (Yakama Nation-WDFW)** – Pfeifer updated the committee regarding a meeting with WDFW and NOAA geneticists as to whether it was technically feasible to assign fish sampled and tagged at Priest Rapids Dam to the stream of origin of their parents when the fish arrive at Tumwater three or more weeks later. The answer is a key piece in the development of the Wenatchee Basin Management Plan document. It was concluded that it is possible to link parents with progeny if 85% of the tags are recovered from spawning tributaries. To aid in the timely collection of PIT-tag data, it would be beneficial to add a PIT-tag array on the White River, stated Pfeifer. Members discussed use of the OLAFT to sample and tag fish. 100% sampling of fish at Tumwater would have to be continued for the program to work. Pfeifer stated that the process is costly, and that after 5 to 7 years, it would be more cost effective to build weirs. Pfeifer suggested that alternate methods of broodstock collection should be looked at. WDFW continues internal discussions regarding the white paper. WDFW will meet internally on August 25, 2008 to discuss the last two major issues of the white paper; policy considerations involved regarding meeting mitigation requirements and broodstock management. Truscott explained that WDFW and the Yakama Nation agree on adult management, HSRG recommendations, PNI considerations, and the necessity of managing hatchery fish, but that sliding broodstock strategy's

and how to manage broodstock needs to be decided. Langshaw questioned if there is an approach that could be easily incorporated into the HGMP and if Grant PUD should ask for guidance from NOAA on broodstocking. Petersen replied that she has spoke internally about this issue and explained that NOAA won't be able to issue a Section 10 permit if the HGMP is not consistent with the best available science. NOAA and WDFW have discussed this topic, TRT guidance, and the recovery plan. Pfeifer questioned what kind of data Grant PUD's list of quantitative objectives would cover. Pearsons responded that the critical issues are PNI, escapement levels, harvest levels, relative productivity. The JFP needs to provide consensus decisions before they can be incorporated into the HGMP. Pearsons questioned if proponents of the white paper could be given to Grant PUD to help in writing their HGMP. WDFW is still trying to sort out the most appropriate aspects to the broodstock program, stated Truscott. WDFW recognizes the time sensitivity of the white paper, stated Truscott. Pearsons questioned if Grant can get chunks that aren't sensitive in nature. **Truscott will speak internally with WDFW staff on August 25, 2008 as to whether or not non sensitive information can be given to Grant PUD to assist in HGMP writing and contact Pearsons after the meeting.**

- B **NOAA letter** – A draft letter announcing the intent of NOAA Fisheries (National Marine Fisheries Service-NMFS) to initiate consultations to analyze the effects of hatchery programs and assure compliance with the Federal Endangered Species Act (ESA) and the National Environmental Policy Act (NEPA) was distributed to HSC members. **Comments on the NOAA letter are due to NMFS by Friday, August 22, 2008.** As part of the Federal Columbia River Power System (FCRPS) BiOp, federal programs in the upper Columbia are required to have final HGMPs submitted to NOAA by January 01, 2009. Formal consultation under the ESA will be initiated upon receipt of the Hatchery and Genetic Management Plans (HGMP) that are acceptable to NOAA Fisheries. Draft HGMPs for each hatchery program should be submitted to NMFS by November 01, 2008. NMFS will meet with agencies, tribes and PUDs separately to assist in the consultation process. Petersen asked that when writing HGMPs, the italicized section be taken out, as it was only intended for guidance. The impact that programs have on listed species is of utmost importance to the HGMP; that will be NOAA's main focus. HGMP templates are available on the NOAA website. Pyper questioned what specific new information is required for initiation. In combination with recovery plans, TRT work, HSRG review, and new studies from Hood River are all important, stated Petersen. She emphasized that due diligence be given regarding new scientific information that is available. Pyper questioned if there was program specific guidance available for the non-FCRPS programs. **Petersen will speak internally about specific new information that needs to be in the HGMPs. Chelan PUD will submit comments to NOAA's Hatchery Consultation letter.** Petersen explained that NOAA is initiating travel restrictions and asked that anyone

wishing to meet with her arrange a meeting the day before or after HSC meetings. The draft letter refers to an undecided meeting date with NOAA Fisheries. **Petersen will doodle HSC members to arrange a mutually agreeable date to discuss the HGMP process, options and answer questions. Petersen will inquire when Attachment 2 of the NOAA letter will be sent out.** Petersen believes that we will not have opportunity to comment on Attachment 2 because of tight timelines for sending out the letter. Ferguson questioned if the White River HGMP will meet criteria for consultation. Yes, because it addresses adult management, stated Petersen. The intent of the HGMP template is for the first 3 pages to be a brief synopsis, with detail to be found further in the document. Petersen stated that even if permits are still good, the USFWS needs to submit new HGMP's. Grant PUD is still under obligation to meet HGMP deadlines in the license. NOAA will prioritize federal HGMPs. The sooner they are submitted, the sooner they will be reviewed. NOAA will determine if submitted HGMPs are sufficient. If so, they will begin the formal consultation process, including ESA and NEPA analysis, stated Petersen. If they are insufficient, parties will be notified via letter. Some of the latest science that is expected to be in the HGMP's can be found in the Supplemental Comprehensive Analysis (SCA). The Upper Columbia is the only location where co-permit holders are found. It is best that parties decide who should hold the permit or if there will be joint permit holders and clarify the responsible party or parties in a cover letter submitted with the HGMP. NOAA hasn't done consultations based on HGMPs before, stated Petersen. She will be focused on places that they intersect the natural populations. Would HGMPs be considered before November 01, 2008, questioned Ferguson? Petersen stated HGMPs would be accepted prior to November 01, 2008 if they have a cover letter stating they are ready.

C **White River**

- **HGMP** – See discussion above.
- **Rotary screw trap** –Murdoch updated members regarding screw trap efficiencies. Rotary screw trap summaries were emailed to committee members prior to the meeting. In stream flows and the number of fish being trapped have dropped substantially at both trapping sites. The White River 8' rotary fish trap operations ceased August 6 and operations switched to the 5' rotary trap. A total of 7 wild spring Chinook sub-yearlings were captured in July. White River efficiency trials in July consisted of four wild spring Chinook sub-yearlings over 60 mm on four occasions. . The pooled efficiency for the White River in July was 25%, bringing the year-to-date pooled efficiency to 4.8%. Nason Creek efficiency trials were conducted twice a week throughout July, using only PIT tagged spring Chinook and steelhead greater than 60 mm in length. Nason Creek pooled trap efficiencies during July for spring Chinook and

steelhead were 6.9% and 3.8%, respectively. Discussion centered on the trapping efficiency of both traps. Grant PUD questioned the validity of White R. emigration estimates based on data collected with the traps because of the low numbers of test fish in efficiency trials. Murdoch stated that good estimates of trap efficiencies can be made from several years of pooled efficiencies correlated with flows. Murdoch noted that these pooled efficiencies are not as accurate as efficiencies based on large numbers of test fish, but that eventually, a reliable model with flow can be attained if the rotary trap is located in the same location, and the channel hasn't changed year to year. She explained that separate pooled trap efficiencies would be required based on trap size and location. Pearsons stated it would be beneficial in the design of a more efficient rotary trap to develop a flow efficiency model that includes time specific efficiency estimates. Carlson stated that modifications to strengthen the trap will be needed if extensions were added to improve fish collection. Debris accumulation and subsequent fish health concerns will also need to be considered. **PRCC HSC agreed to wait until the end of the 2008 rotary screw trap season to determine how best to address the efficiency issue for the White River rotary trap program.** Trapping will end when the river or trap begins to freeze, typically sometime in November.

- **Short-term acclimation** – Grant PUD has submitted the JARPA application for short term acclimation sites in the White River. The U.S. Army Corps of Engineers (USACE) is requesting a letter from USFWS and NOAA stating these types of acclimation sites are (sandbag impoundment and seine) covered under existing permits at these locations. Langshaw stated that proposed activities are consistent with existing Section 10 permit and PRP BiOp. **Langshaw will draft and send letters to NMFS and USFWS requesting confirmation that short term acclimation sites in the White River are consistent with existing permits. The letters will then be sent to the USACE as part of the JARPA permitting process. Langshaw will send the White River short term acclimation JARPA to HSC members.** Grant PUD will be ordering nets for the McComas property to be installed late fall 2008. HSC members discussed net installation methods. The ordinary high water mark is 6 ft above the early spring base flows. Nets will be 110' long and 40' wide. Grant PUD proposes nets be placed 2' above winter base flows. **Ferguson will draft an acclimation report specifying net design, net size, and net placement to be distributed to the HSC by August 29, 2008. A one week comment period will be provided.** Pressure gauge depths and flows have been

recorded at net placement. USGS and WDOE have flow data sets covering the last 40 years. Unfortunately, the data sets do not correlate at high flows and Ferguson doesn't know which is correct.

- **Fish Transfer to Little White Salmon National Fish Hatchery (LWSNFH)** – WDFW is developing in good faith, a transfer protocol proposal to implement the consensus decision by the HSC to transfer broodstock from Aquaseed to LWSNFH, stated Truscott. Risk aversion measures will be implemented to help the program succeed, while concerns are being addressed to help the WDFW commission feel better about the fish transfer. Discussion with the Yakama Nation has taken place regarding the transfer. Langshaw agreed that a conservative approach would be taken with the transfer. Truscott asked if HSC members still approved of the transfer. General consensus of the HSC was that the move would improve the condition of adults, and that those improvements would improve the health of the juvenile product. Langshaw stated that benefits originally discussed still exist, and even though the mortality event happened, he believes a better product will be produced as a result of the transfer. Marco, Carie, Murdoch and Petersen agreed with Langshaw. Petersen explained that Bob Long drafted a letter that was sent to state senators expressing NOAA's support of the fish transfer. **Petersen will email Bob Lohn's letter regarding NOAA's support of the Aquaseed fish transfer HSC members.** Petersen suggested the HSC discuss the fish transfer with Per Heggelund. **Truscott will distribute WDFW's fish transfer protocol proposal upon issuance. A conference call will be scheduled by Rohr after WDFW issues their transfer protocol proposal to document the PRCC Hatchery Sub-committee's decision on the transfer of fish from AquaSeed to the Little White Salmon National Fish Hatchery.** Langshaw updated members on fish health. Mortalities are down to four a week from one a day and fish that didn't have de-scaling and fungal infection are doing well. Truscott suggested that minimal handling would be beneficial to the fish. Truscott explained that behavior is different in fish that are covered versus uncovered. Fish that are uncovered appear to have more external marks and one possibility is of activity due to not being covered. Grant PUD believes netting was installed over raceways at LWSNFH. Langshaw explained that an effluent treatment system estimated to cost \$400,000 wouldn't be needed because Grant PUD intends on utilizing genetic pedigrees, which provide better identification, at a cost of \$60,000. The ability to segregate families until they can be marked was the only reason fish were going to be reared at Willard. Because pedigree can be used to

identify families at marking size, fish do not need to be reared at Willard. Grant PUD has done genetic pedigree analysis for the past two years, stated Langshaw. All incubation and rearing will now occur at LWSNFH.

D **Nason Creek –**

- **HGMP** – See discussion above – Priest Rapids Hatchery Fall Chinook HGMP.
- **Rotary screw trap** – See discussion above – White River Rotary Screw Trap.

IX. **Sockeye –**

- A **SOA** – Grant PUD distributed a draft SOA to formally document that all of Grant PUD's artificial propagation and monitoring and evaluation requirements for sockeye salmon are met by the 2006-2017 Experimental Reintroduction of Sockeye Salmon into Skaha Lake. After the study plan is complete, a re-evaluation will be conducted to determine if the program continues to meet Grant PUD's mitigation. **Williams will distribute the draft sockeye SOA to the PRCC before the August 27, 2008 meeting. Comments are due to Langshaw by September 05, 2008. Grant PUD will distribute comments to PRCC HSC members before the next meeting. Formal approval will be asked for by the PRCC HSC at the September 18, 2008 meeting.**
- B **M & E Plan** –The ONA and Grant PUD are working collaboratively on the sockeye M&E plan. The plan will include evaluations under the Skaha sockeye reintroduction program.
- C **HGMP** – A portion of the HGMP will be written by Grant PUD that addresses sockeye issues through the United States migration corridor. ONA will address sockeye issues north of the border. Broodstock and genetic considerations will be addressed by the ONA with assistance from DFO.

X. **Coho** – No discussion took place.

XI. **Steelhead –**

- A Inter-local agreement – Grant PUD sent an inter-local agreement requesting excess rearing capacity for BY09 steelhead and BY08 Chinook to Douglas PUD. Douglas will ask for approval of the agreement from the HCP. **Grant PUD will make corrections to the request for fish under the Douglas inter-local agreement and distribute to the HSC.** Capacity is being asked for 85,000 steelhead instead of 80,000 because the Colville's will only be able to rear 15, 000. **Marco will determine how many steelhead will be collected by the Colville's.**

XII. **Next Meeting:** Thursday, September 18, 2008, 9:00 – 4:00 in Wenatchee, WA.