



Grant County
PUBLIC UTILITY DISTRICT
Excellence in Service and Leadership

Priest Rapids Coordinating Committee Meeting

Wednesday, July 23, 2014
9:00 am – 12:00 pm
Conference Call

PRCC Members

Scott Carlon, Bryan Nordlund, Justin Yeager, NMFS	Jim Craig, USFWS
Bob Rose, YN	Kirk Truscott, CCT
Jeff Korth, C. Andonaegui, P. Verhey, WDFW	Tom Skiles, CTUIR
Tom Dresser, Curt Dotson, GCPUD	Denny Rohr, Facilitator

Attendees:

Scott Carlon, NMFS	Jim Craig, USFWS
Jeff Korth, WDFW	Tom Skiles, CTUIR
Kirk Truscott, CCT	Tom Dresser, GCPUD
Curt Dotson, GCPUD	Melissa Rohr, D. Rohr & Associates
Denny Rohr, Facilitator	

Decision Summary:

1. PRCC members approved a contract change order for the Chewuch River Permanent Instream Flow Project for an additional \$24,859.00.
2. PRCC members affirmed and approved Fish Ladder Observer Duties and Activities.
3. PRCC members approved Grant PUD relocating the Rocky Coulee release site facilities to the Priest Rapids Hatchery.

Action Items:

1. Dresser to check on the differences between the fish ladder counts for sockeye at Priest Rapids and Wanapum dams versus John Day and McNary dam sockeye ladder counts.
2. Rohr to speak with B. Rose regarding approvals of today's decisions plus past meeting minutes needing his approval.

Final Meeting Minutes

- I. **Welcome and Introductions** – Rohr welcomed committee members.
- II. **Meeting Minutes Approval and Affirmation:**
 - A. Needing approval and affirmation: April 22, 28 (Rose); May 1, 5, 6, 9, 19 (Rose); May 28 (Skiles & Korth) – Skiles and Korth approved May 28 and Rohr concluded they are now final. Rohr will contact Rose for additional approvals as listed as he was not in attendance for today's meeting.
 - B. June 25, 2014 – approved and final.
- III. **Agenda Review** – Dresser added to the agenda a discussion regarding a change order request to the Chewuch River Permanent Instream Flow Project, and a discussion regarding the removal of the Rocky Coulee Fish Release site facility.
- IV. **Action Items Review** – June 25, 2014 Meeting – Rohr commented that May 28th action items were either completed or will be discussed during today's agenda proceedings.
- V. **Update of Wanapum Dam Activities** – The Wanapum Dam spillway fracture repairs are well ahead of schedule. The drilling of 21 of 30 pilot holes has been completed. Six of 30 have been drilled out to the 16 inches diameter mark. Three have been drilled to full depth and completed. One of the three is at 22 feet and one is at bedrock. Upstream-anchors have two holes completed. Monolith #4 is still waiting on FERC approval for anchoring and pinning.

Grant PUD is still discussing the intermediate pool raise and the decommissioning of the flumes and spiral chutes. The question centers around how much water can refill per day when the intermediate pool raise begins.

Dresser said they hope to make a planned deadline during the second or third week of September. A determination of this also depends on the discussion and outcome of a meeting among the Board of Consultants, FERC, and Grant PUD at the end of September.

Currently, Blue Leaf Environmental is performing daily inspections at both Wanapum fish ladders; no fixes have been needed. Fish passage is going good.

575,039 Sockeye have gone over Priest Rapids Dam as of July 22, 2014, and 525,019 have gone over Rock Island Dam as of July 21, 2014. Committee members questioned the higher numbers of fish being reported (sockeye) passing Priest Rapids Dam and Rock Island Dam compared to lower numbers being reported at John Day and McNary dams. Dresser will look at Grant PUD counting operations and past reports regarding the differences in these numbers. Truscott commented that some adult passage through John Day and McNary takes place through the locks at these projects and therefore those fish are not counted. Dresser will investigate and report back.

The Lamprey Passage Plan has been approved by the PRFF, and they will begin to PIT-tag, release and track how lamprey use the false weir/fish ladder system. As of now, four lamprey have been observed during day time observations at the left bank ladder. Three went over the flume quickly and one was knocked lose by a sockeye, but continued through the flume. Currently 25 lamprey have been trapped.
- VI. **Affirmation of Approval of Fish Ladder Observer Duties and Activities (D. Rohr)** - PRCC members affirmed and approved the Fish Ladder Observer Duties and Activities. Rohr

commented that he had received verbal and email approvals from Rose, Skiles, and Truscott concurring with the decision made during the June 25th PRCC meeting.

VII. Spill Report for 2014

There are no changes in the flow estimates. Chief Joseph is currently at 140 KCFS, so looking at 160-165 KCFS at the projects due to side-flows.

VIII. Chewuch River change order request

The Chewuch Channel River Company was diverting 34 cfs for irrigation purposes. During late summer and low-flow years, this amount was 2/3 of the river flow. The project was to reduce this amount from 33 ½ cfs to 24 cfs when the river, measured at Winthrop, reaches 100 cfs. This is the first time incorporated water users have agreed to permanently reduce their water agreement. Trout Unlimited is asking for an additional \$24,859 to cover the costs of the changes that took place during the construction of this previously approved project.

PRCC members commented they felt this was an important project and that it should be covered. **All members agreed to fund the change order of \$24,859 pending Rose approval.**

IX. Rocky Coulee Fish Release Site

The Rocky Coulee fish release site facility was installed during the early part of adult migration in late April and early May and was used as a release site for fish being collected during trap and haul operations at the Priest Rapids OLAFT. It is located on the right bank upstream of the Vantage Bridge above Wanapum Dam. Subsequently, the PRCC concluded that the Wanapum fish ladders were working and that the trap and haul program was no longer necessary. However, the release site facility was left in place in case it was needed for sockeye passage.

Dresser stated that fish ladder passage numbers show that sockeye are doing great and that the release facility is no longer needed. Grant PUD Hydro Engineering asked Dresser if the PRCC would feel comfortable allowing them to dismantle the release site facility and move it to Priest Rapids Hatchery. Mike Lewis, WDFW, feels that the release site pipe would help with collection and sorting of natural origin fall Chinook into one pond plus expedite the process of off loading trucks at the hatchery. This year, 40,000+ fall Chinook are expected to return to the hatchery.

The release pipe is not planned for lamprey use. The only outlier foreseen by PRCC members is the possible need to quickly put the facilities back in place at the Rocky Coulee site if needed. Grant PUD feels the pipe could be moved and assembled for use in one to two days.

PRCC committee members approved relocating the facility to the Priest Rapids Hatchery.

X. Updates

- A. Inland Avian Predation Activities (Goose Island / NW Rocks Follow Up) -**
Currently in the Potholes area there are 312 terns on NW Rocks with 32 tern nests being tended to. It is fairly active right now, and NW Rocks is now connected to Goose Island due to the Potholes Reservoir level lowering. The discussion as to whether NW Rocks is an actual part of Goose Island is still ongoing. The scanning for PIT-tags will begin in late August as soon as terns have left the area. The satellite tags show that 11 of the 28 terns tagged have left the area, which equates to 40% being out of the

area. Of the 28 tags, 25 are still active, two have been lost to predation, and one has lost contact. These terns have been detected in Richmond, B.C., Grays Harbor, Washington; the estuary of the Columbia River; Payette, Idaho; Mountain Home, Idaho; Salton Sea, California; and the Northern end of the Gulf of California (Mexico). 24% are still foraging at the Columbia and Snake Rivers.

B. Priest Rapids Bypass Operation - Spilling is taking place. 18 receivers are still in the forebay area. Grant PUD has not been able to get divers into the area to retrieve them and secure the data. There is a life span on the batteries but not on the data collection which is stored on memory disks. The main concern is exposure to debris in the river and the debris hitting and damaging the receivers.

C. Hatchery Construction Activities - Grant PUD is closely watching wildfires in the area as the Carlton Acclimation Facility and Nason Creek Acclimation Facility are just a few miles away from the fires.

Priest Rapids Hatchery Modifications are moving forward at the lower end in the adult collection area. Mike Lewis, WDFW, has been working closely with the contractor, who requested an additional week of construction time. Grant PUD did not agree to the time extension; the project needs to be ready on time.

D. Hatchery Permits Section 10 for Summer Chinook and Section 7 Consultation for Bull Trout – No update provided.

E. NNI Funded Projects

1. **Real Time Research Avian Study** - The tagging of 10,000 yearling Chinook and steelhead at the Rock Island Index Count Station has been completed. Realtime Research will go in the nesting areas and look for PIT-tags in late August after the birds leave the nesting colonies.

2. **Comprehensive Assessment of Total Smolt Mortality in Relation to the Wanapum Pool Drawdown** - Dotson shared some preliminary survival estimates from the 2014 JSATS Survival study:

Project Survival via Ricker Estimation

Yearling Chinook

Wanapum Reservoir + Dam: 95.2%

Priest Reservoir + Dam: 95.0%

Project (Wanapum*Priest): 90.4%

Steelhead

Wanapum Reservoir + Dam: 92.4%

Priest Reservoir + Dam: 95.6%

Project (Wanapum*Priest): 88.3%

Wanapum Dam ("Concrete") Survival

Yearling Chinook – 96.9%

Steelhead – 96.8%

Priest Dam ("Concrete") Survival

Yearling Chinook – 95.3%

Steelhead – 95.2%

Currently the passage estimates are very preliminary and they should only increase due to the fact that no correction factors (i.e. tag-life curve or detection

efficiencies) have been incorporated into the calculations. These estimates could increase by another 1-1.5%.

The Priest Rapids performance standard target is 86.49%. The preliminary total Project survival estimate for yearling Chinook this year (the "5-year check-in") was 90.5%, up from the 86.56% 3-year Project survival estimate for yearling Chinook. This shows a big jump in survival rates on steelhead, which can be attributed to avian predation work. The total Project met the performance standard of 86.49% for steelhead also with a total Project survival estimate of 88.3%.

Members asked how survival numbers were created without the 18 receivers in the Priest Rapids forebay. Dotson commented there are receivers on the hazard barrier about 300-500 feet in front of the dam that picked up the tag signals and then again in the tailrace, at both Wanapum and Priest Rapids dams.

3. **Upper Columbia Fish Screen Monitoring Programs Phase I and Phase II** – Korth commented there are currently no updates regarding the specifics of the program. The fires in the area have created power outages and the screens are not operating. Korth discussed the close communication WDFW is having with the users that they will need to clean the screens more frequently due to fires. It was also noted by Truscott that rain predicted in the areas burned by the wild fires over the next few days could create higher runoff and the need to clean the screens more often. Korth will discuss communications and the frequency of cleaning the screens with the WDFW habitat staff.
 4. **Lower Wenatchee Instream Flow Enhancement Project Phase II** – No update at this time.
 5. **Mid-Columbia River Intake Screen and Diversion Assessment** - No update at this time.
 6. **Methow Valley Irrigation District (MVID) Instream Flow Improvement Project** - Grant PUD is continuing to work with internal contracting process and requirements.
 7. **Supplementary Tags and Tagging for Assessment of Predation Losses of Sub yearling Chinook salmon in the lower Hanford Reach and Upper McNary Reservoir** - Dotson commented that Realtime Research is waiting for the birds to leave the nesting colonies so they can go in and look for tags on the islands in the lower river on this study also. Data collection will be taking place later on in the season.
- F. **Committee Reports** – Rohr emailed reports to the PRCC. Rohr commented that the Priest Rapids Fish Forum (PRFF) report highlighted the question under dispute regarding the number of juvenile White Sturgeon to release into the Priest Rapids Project. The PRFF could not agree on a number. The PRFF were considering the release of 4,200-6,500 juvenile White Sturgeon. The PRFF referred the matter to the PRFF Policy Committee to address and answer the question. The PRFF Policy Committee could not agree and therefore did not decide upon a release number. Grant PUD then referred the question to Washington Department of Ecology, who determined to release 6,500 White Sturgeon in to the Priest Rapids project. Rohr suggested committee members call Tracy Hillman, PRFF facilitator if they had questions.

G. NNI and Habitat Funds Report

NNI Fund 601	\$2,891,404
Habitat Supplemental Fund 602	\$3,835,578
Habitat Fund 603	\$779,710
Total Unencumbered Balance for all PRCC Funds	\$7,506,693

XI. Other - Dresser announced that Grant PUD will be shifting Dotson as the primary PRCC member and Dresser will become the alternate. Dotson will now be the voting representative.

XII. Next Meeting – August 27, 2014 SeaTac Radisson Hotel

Debbie Williams

From: Tom Dresser
Sent: Wednesday, July 23, 2014 3:46 PM
To: Carlon, Scott; Bryan Nordlund; Justin Yeager - NOAA Federal (justin.yeager@noaa.gov); Craig, Jim; Bob Rose; Tom Skiles (skit@critfc.org); Korth, Jeff (DFW) (Jeff.Korth@dfw.wa.gov)
Cc: Rohr, Dennis; Debbie Williams; Curtis Dotson; Melissa Rohr (melissarohr76@gmail.com)
Subject: Per the discussion today on potential differences in sockeye counts between McNary and PR

PRCC Folks;

Per the discussion today on potential differences in sockeye counts between McNary and PR; I had staff take a look at previous counts to see how things looked over past years. The differences between the 2 dams are likely attributed to sockeye's use of the McNary lock passage and PRD fallback. I however, would like to believe that our fish cloning machine is back on line and fully operational and we are increasing the run-size in the mid-Columbia :o)

Year	McN	PRD	% Diff PRD to McN
2014	~543,000	575,039	105.9
2013	134,202	163,079	121.5
2012	364,147	408,258	112.1
2011	113,952	145,070	127.3
2010	278,799	357,058	128.1
2009	121,672	153,466	126.1
2008	146,924	196,835	134.0
2007	18,175	24,645	135.6
2006	29,295	26,710	91.2
2005	63,540	74,563	117.3

Tom Dresser
Fish, Wildlife & Water Quality Manager
Public Utility District No. 2 of Grant County, Washington
30 C Street SW
Ephrata, Washington 98823

Cell: 509-797-5182
Office: 509-764-0500 ext. 2312

**PRCC Habitat Subcommittee
Project Specifications Sheet**

Date submitted: May 7, 2013

Project Sponsors:

**Lisa Pelly, Director
Trout Unlimited-Washington Water Project
103 Palouse, Suite 14
Wenatchee, WA 98801
lpelly@tu.org**

**Jennifer Molesworth, Methow Basin Liaison
Bureau of Reclamation
206 Glover Street
PO Box 918
Twisp, WA 98856
jmolesworth@usbr.gov**

Project Liaison:

Kate Terrell, USFWS

Project Title

Chewuch River Permanent Instream Flow Project

Project Type:

Permanent Instream Flow Enhancement



Location:

Methow Sub-Basin - The areas affected by the project extend from the Chewuch Canal Company point of diversion at RM 8.0 of the Chewuch River downstream to the confluence of the Chewuch and Methow Rivers and a short distance downstream in the Methow River. Project construction activities will take place in or around Pearrygin Lake, Lake Creek, Town of Winthrop, Bear Creek, and adjacent uplands.

Requested funding amount from PRCC Habitat Subcommittee: \$450,000

Short description:

This project will permanently enhance flows in the Chewuch River in the late summer and fall months, supporting three listed fish species: UCR spring Chinook, UCR steelhead, and CR bull trout.

Project description and justification:

The Chewuch Canal Company (CCC) diverts up to 34 cfs from the Chewuch River to irrigate over 700 acres of farmland. During late summer in dry years, this amount can equal 2/3rds of the total flow in the river. This project will permanently reduce the Chewuch Canal Company's maximum diversion from 33.5cfs to 24 cfs when Chewuch flow levels reach 100 cfs, measured at the USGS gauge near Winthrop, representing a 10% increase in instream flow for the Chewuch River. This permanent diversion reduction represents a significant milestone for the Chewuch Canal Company, because it is the first time the incorporated water users have agreed to permanently reduce their diversion, and more importantly the reduction will be triggered when the Chewuch River reaches critically low flow levels (≤ 100 cfs).

The Chewuch River is a major tributary of the Methow River which provides habitat for three fish species listed under the Endangered Species Act (ESA): endangered Upper Columbia River (UCR) spring Chinook salmon (*Oncorhynchus tshawytscha*), threatened UCR summer steelhead trout (*Oncorhynchus mykiss*), and threatened Columbia River (CR) bull trout (*Salvelinus confluentus*). The lower reach of the Chewuch River benefited by this project provides adult upstream passage, juvenile rearing habitat, and spawning habitat for these species. In addition, this reach contains numerous game and non-game fish species including UCR summer Chinook salmon, cutthroat trout, rainbow trout, mountain whitefish, Pacific lamprey, and others.

The basis of the project is a contract between Trout Unlimited (TU) and CCC, under which CCC agrees to permanently reduce its diversions on the Chewuch River. The project will create a permanent reduction in diversions at baseflow conditions (under 100 cfs) during the irrigation season (May 1 to October 1) and switch the season of reservoir filling from the fall/winter during critically low flows to the spring and early summer during higher flows. By enabling spring reservoir filling by the CCC, this project will allow the CCC to move diversions from the fall baseflow period to the spring rising limb and peak flow periods.

The project will return 10 cfs to the flow-impaired Chewuch River during irrigation season and low flows annually at a specified target of 100 cfs, and this project will shift reservoir diversion timing to maximize benefit to ESA listed fish. Shifting the reservoir fill to the spring will effectively return up to 15 cfs to the river during the critical fall season when flows are low. The changes will improve late season flow by 25 cfs in late season in one of the most productive rivers in the Upper Columbia Basin.

During the irrigation season, irrigation diversions will continue under their current water right authorization of 34 cfs during peak flow, peak flow recession and baseflow recession periods. When flows in the Chewuch fall below 100 cfs, CCC will reduce their diversion rate to 24 cfs, thus reducing diversions throughout late summer baseflow. In addition, CCC will permanently cease diversions on October 1. The combination of these two changes will increase flows both

during the irrigation season in late summer/early fall after the Chewuch River falls below 100 cfs, as well as during the former reservoir filling period in mid/late fall, and result in an immediate benefit to listed fish species, especially spring Chinook.

To allow these diversion reductions, canal upgrades have been designed to enable CCC to maintain sufficient irrigation supply for their shareholders while returning water instream during critical times. The Chewuch River Permanent Instream Flow project includes five construction elements that will improve the CCC infrastructure and thereby increase efficiency:

- *Lake Creek Pipe*: a new pipe in the hillside above Lake Creek between Pearrygin Lake and the existing Bubbler debris screen;
- *Pearrygin Intake Structure*: a new intake structure at Pearrygin Lake to supply the Lake Creek Pipe;
- *Silverline Pipe*: a new pipe connecting the Wright Lateral and the new Lake Creek Pipe;
- *Debris, Flow Control, and Flow Metering Structures*: two new debris screening structures in upland areas; a new concrete flow metering structure and two new flow control structures in the new and existing pipe alignments near the Bubbler;
- *Winthrop to Bear Creek Pipe*: piping the last section of open irrigation ditch below Pearrygin Lake in the area between the Town of Winthrop and Bear Creek.

The Chewuch River Permanent Instream Flow Project is at a crucial juncture, ready to construct, but short on funding. Over the last three years costs have increased since budgets and grant requests were initially made. The project was delayed from construction in 2012 because negotiations for the Diversion Reduction Agreement and the reservoir fill permit refinements were not final, combined with additional permit requirements (including a new Section 106 Archeology requirement), and extra costs in obtaining an easement from Washington State Parks. The design also took longer than anticipated due to significantly added complexity for managing and monitoring flows in and out of Pearrygin Lake (the reservoir), and dealing with canal debris from 6 miles of open canal above the lake. The estimate of probable cost also increased due to added complexity for reservoir management and monitoring, and increased material costs. The additional monitoring system, data gathering, and analysis have also added more cost to the project.

The project already has passed many significant milestones: the environmental permits for the project are all obtained and the Record of Examination (ROE) for refinement of the reservoir fill permit is out for 30 day public review until May 29th, 2013. A large investment is already in place from current funders and Reclamation engineering.

TU has obtained and analyzed historic data including hydrographic records and irrigation records to estimate the acre-foot water quantities that will remain instream. Because this agreement is triggered by river flows, the actual amount of water returned for instream flows will change from year to year. Annual diversion reductions during the irrigation season resulting from this agreement are on average about 640.8 acre feet per season based on historical CCC average diversions for the past 20 years and USGS records for flows in the Chewuch River. Climate change modeling specific to the Methow sub-basin indicates that climate change will result in earlier and higher peak flows and earlier and lower base flows in the Methow River. We believe

that under this agreement, the average annual amount of water returned instream is likely to significantly increase if climate change models are accurate. This additional water available instream under the terms of this agreement will provide additional protection for aquatic habitat as the Methow River hydrograph shifts, making this project important as a climate change adaptation project.

In addition, CCC presently holds a reservoir permit allowing post-season irrigation withdrawals from the Chewuch River to fill Pearygin Lake and the year-round right to withdraw the top five feet in the lake, (a quantity of 1,000 acre-feet) at their discretion. The CCC prefers to enter the winter with a full reservoir to guard against the possibility that for some reason (such as their ditch blowout above the lake this spring) they are not able to fill the lake in April prior to irrigation commencing on May 1st. The quantity of water they annually divert to fill the reservoir in October and November varies and is usually dependent upon the actual lake level at the end of September. For example, in 2008, CCC records show that they had used approximately four of the five feet available to them, so CCC diverted about 800 acre-feet in October to fill Pearygin Lake. At present, under their existing permit they can divert up to 1,000 ac/ft in October and November to fill their reservoir in the event of a dry year which compels them to use all of the top five feet of the reservoir by October 1st. Available CCC records show that an average of nine cfs and a maximum of 12 cfs have been diverted during October. This represents between 11% and 15% of the average base flows in the Chewuch River which will be returned to the river in areas of ESA-designated Critical Habitat for spring Chinook, steelhead, and bull trout by this project.

TU currently has funding for this project from the Columbia Basin Water Transaction Program/BPA, Yakama Nation, Tributary Committee and Bureau of Reclamation. We also have two proposals submitted for additional funding for the project.

Because of uncertainty regarding project costs especially the cost of pipe, TU recently obtained three estimates to ground truth the project budget, one completed by BOR engineers and two by private, engineering firms. The proposed budget below is based on the estimate that came in in the middle. While we believe this is a reasonable estimate final project costs will be determined when we go out for a final bid this summer. We have attached the cost comparison's of the three estimates and the construction costs for the ABC estimate as appendixes to this proposal.

We believe this project, despite higher costs, remains in line with market rates for these types of projects especially the importance of the increase in flow derived from this project is significant.

PROPOSED BUDGET

ITEM	<i>PRCCHSC REQUEST</i>	<i>OTHER CONTRIBUTION</i>	<i>TOTAL COST</i>
Winthrop to Bear Creek Construction	\$350,000	\$780,989	\$1,130,989
Lake Creek and Silverline Pipe Construction		\$841,661	\$841,661
Project Management, Easements, Re-vegetation, Monitoring	\$100,000	\$195,897	\$295,897
		Total project costs	\$2,268,547

Estimated Timeline:

Activity	Already completed / will be by August 2013	September – November 2013	March – May 2014	2015	Ongoing through 2016
Project Planning & Development	X				
Engineering & Design	X				
Permitting & Consultation					
<i>ESA Consultation</i>	X				
<i>SEPA</i>	X				
<i>JARPA/HPA</i>	X				
<i>Section Consultation</i>	X				
<i>Section 106 Mitigation</i>	X				
<i>DRA</i>	X				
<i>ROE</i>	X				
<i>OCPI</i>				If needed	
Final Survey & Baseline Staking	X				
Contracting	X				
Construction		X	X		
Administration. Monitoring & Reporting				X	X

Appendix A: Cost Estimate Description

Appendix B: Project Maps

Appendix C: Project Photos



FINAL MEETING MINUTES

PRCC Habitat Subcommittee

June 13, 2013

1:00 – 5:30

Chelan PUD Auditorium

PRCC Habitat Subcommittee Members

Scott Carlon, NMFS	Kate Terrell, USFWS
Chris Fisher, CCT	Dave Duvall, GCPUD
Lee Carlson, YN	Carl Merkle, CTUIR
Jeremy Cram, WDFW	Denny Rohr, Facilitator

Meeting Attendees: (*Denotes PRCC HSC member)

Jeremy Cram, WDFW*	Chris Fisher, CCT*
Dave Duvall, GCPUD*	Lee Carlson, YN*
Scott Carlon, NMFS* (via phone)	Kate Terrell, USFWS*
Mickey Fleming, CDLT	Denny Rohr, Facilitator
Cindy Inch, GCPUD	

Action Items:

1. Rohr will convey the message to the PRCC on June 26th that the HSC would like to operate without the NNI Use SOA, but go back to how they have operated in the past, which is to request NNI funding from the PRCC when the HSC felt it to be appropriate.
2. Duvall will make the discussed and agreed upon modifications regarding the Tye Ranch Landowner Agreement and Conservation Easement; Rohr will contact Susan Dretke and explain the HSC position.
3. Rohr will continue discussions with Tracy Hillman regarding the appraisal process.

4. Fisher will talk to ONA regarding consideration to waive their administrative fee for the purchase of the 2 bottomless box culverts.
5. Duvall and/or Terrell will work on a potential spec sheet on a Nason Creek stream gage station.
6. Duvall and/or Cram will work on a carcass distribution program for nutrient enhancement using surplus fall Chinook from Priest Rapids Hatchery.

Decisions:

1. HSC approved funding of the TU proposal for the Peshastin and Icicle Irrigation Districts Pump Exchange Project for \$174,847 from Habitat Fund 603.
2. HSC approved requested funding for the Chewuch River Permanent Instream Flow Project of \$450,000, and agreed to request NNI funding (601) from the PRCC.
3. HSC approved funding for the Barkley Irrigation Company for \$46,366, from Habitat Fund 603.

Final Meeting Minutes

- I. **Welcome** – Rohr welcomed members.
- II. **Agenda Review** – Two agenda items were added. 1) HSC discussed the possibility of funding a stream gaging station in Nason Creek, similar to what was done in the White River and Okanogan Basin. The caveat is that this would be temporary funding and that a different long-term source would be required after the second year. Duvall and/or Terrell will work with the sponsor for a future spec sheet. 2). Duvall mentioned there was expected to be a large number of untreated carcasses from the Priest Rapids Hatchery this fall and asked if the HSC be interested in implementing a carcass distribution for nutrient enhancement. In general the HSC was receptive to the idea. Duvall and Cram would further discuss ideas.
- III. **Action Items Review** - Action items identified during the May 9, 2013 meeting were reviewed.
 1. **Rohr will send the draft NNI document to HSC members for review. (Completed)**
 2. **Peshastin and Icicle Irrigation Districts Pump Exchange Project - Send email vote of approval or denial to Rohr, by noon on Friday, May 17, 2013. (See agenda item discussion below)**

3. **Rohr will contact Reese about conducting the appraisal and having another appraiser do the review. Rohr will contact Hillman regarding when this will be on the Trib Committee agenda again. (See agenda item discussion below)**
4. **Duvall will talk to Grant PUD contracting folks about the easiest way to pay for these small expenditures, and keep HSC members apprised of the process. (Removed from discussion)**
5. **Nason Creek LWP Flood Plain Reconnection Project Fisher will look at the spec sheet and report back if it has a termination date listed, or not. Duvall will send the contract out to HSC members. (See agenda item discussion below)**
6. **Wenatchee Nutrient Enhancement Proposal – Terrell will send her update to Williams. (Completed)**

IV. Habitat Funding Report – As of May 31, 2013, Habitat Funds totaled (not including interest).

Fund	Balance	Unencumbered Balance
No Net Impact Fund 601	\$6,456,810	\$5,348,149
Habitat Supplemental Fund 602	\$5,892,243	\$3,539,972
Habitat Fund 603	\$1,075,441	\$890,484
Total	\$13,424,494	\$9,778,605

V. Update of NNI Funding Document (D. Rohr) – Rohr explained that the draft NNI Funding Guidance SOA was still under discussion among PRCC members, and it would be addressed at the next PRCC meeting on June 26th. HSC members discussed the SOA, and opinions were expressed both pro and con. HSC members concluded with a general lack of support for the SOA that is under review and consideration by the PRCC. Another idea was to use the document as a “Guidance Document” rather than calling it an SOA. **The HSC concluded they would like to operate without the NNI Funding Guidance SOA, but go back to how they have operated in the past, which is to request NNI funding from the PRCC when the HSC felt it to be appropriate. HSC members asked Rohr to**

convey that message to the PRCC at their next meeting on June 26th.

VI. UPDATE DISCUSSION: Tye Ranch Project Proposal – Mickey Fleming, CD Land Trust, met with the HSC to review her analysis and report regarding the Tye Ranch Land Owner Agreement (LOA) and Conservation Easement (CE). Because of her extensive background in this area, the HSC had contracted with Fleming to complete this analysis. Fleming walked through her report and answered questions from HSC members. The conclusion of the review and discussion with HSC members was that the LOA and CE contained areas that needed some modifications in order to satisfy the concerns and questions discussed. **Accordingly, HSC members concluded that the modifications needed to be clearly identified in the two documents and sent to Susan Dretke at Cascadia Conservation District with a request to review, make the modifications, and respond back to the HSC. Duvall commented that in the interest of time, he would be willing to make the discussed and agreed upon modifications, and he would review them with the Grant PUD attorney prior to sending to Dretke. The HSC approved these next steps as a path forward. Rohr will contact Dretke and explain the HSC decision.**

VII. Update Discussion: Scope of Work – Peshastin and Icicle Irrigation Districts Pump Exchange Project – During the month of April, Chelan County Natural Resources Department (CCNRD) sent a proposal for the Icicle and Peshastin Irrigation Districts Pump Exchange Project, at a cost of \$220,000 (April 10th Project Spec Sheet), to study the feasibility of constructing one or more pumping facilities on the Wenatchee River, in order to deliver water to the Peshastin and Icicle Irrigation District canals. The proposal was an agenda item for discussion at the April 11th meeting. However, because Carlon and Fisher were not at the meeting, the discussion was tabled until the next meeting. On May 7th, a counter proposal, costing \$174,847, was received from Trout Unlimited (TU). Members discussed both proposals during the May 9th meeting, and Duvall and Fisher asked for additional time for review and clarification.

The HSC continued their discussion of the two proposals during today's meeting. After extended discussion, it was noted that the CCNRD proposal had been modified and submitted to other forums for funding consideration. Accordingly, the HSC removed the CCNRD proposal from further consideration. **After additional discussion, the HSC approved funding of the Trout Unlimited proposal of \$174,847 from Habitat Fund 603 with caveats to the**

approval including notation this was a feasibility study, and that option 4 of the proposal (Dryden South Site Pump and Force Main / Gravity System) will be removed from funding if CCNRD receives funding from other sources to complete this option.

- VIII. Review of Habitat Subcommittee Appraisal Process** – Discussion of the appraisal process to be used for evaluation of future acquisitions and conservation easements continued. The HSC concluded they would like to include local appraisers in the process. The review appraisers can come from outside the local area, but the HSC felt it to be advantageous to have the appraisers come from the local area. **Accordingly, Rohr will talk with Tracy Hillman, Tributary Committee chair, to determine who might fill this role and discuss further with the HSC at the next meeting.**
- IX. Robinson Acquisition Project** – Rohr stated his comments were to update the HSC members on the status of the appraisal for this project. This project had been previously approved for funding by the HSC. This project was to follow what was considered to be the “new appraisal process” which would include using an HSC appraiser plus an HSC review appraiser (See agenda item VIII above). However, the new process had not been finalized, so Rohr polled the HSC members prior to today’s meeting to determine if they were alright with using the “old appraisal process” which consisted of the project sponsor getting their own appraisal completed. The result of the polling of HSC members was to allow the sponsor for this project to take care of getting their own appraisal completed.
- X. Bremer Property, Phase 3** – Due to time constraints, this subject was not discussed.
- XI. Chewuch River Permanent Instream Flow Project Proposal** – This proposal was tabled at the May 9th meeting for discussion at today’s meeting. It was noted that this project is time sensitive, and a near term decision by the HSC would be helpful. This project is to permanently enhance flows in the Chewuch River in the late summer and fall months, supporting three listed fish species: UCR spring Chinook, UCR steelhead, and CR bull trout. **After review and discussion, HSC members approved the requested funding for the project of \$450,000, and agreed to request NNI funding from the PRCC, with the caveat that any savings that occurred due to potential modifications to the project which resulted in a reduction in the funds necessary to complete the project would be returned to the HSC. If the request for NNI funding is denied, the HSC approved funding the project from Habitat Fund 602.**

- XII. ORRI Phase II, “Purchasing Discussion” Regarding 2 Bottomless Box Culverts** – Information regarding this discussion had been circulated to HSC members prior to today’s meeting. The question centered around possibly purchasing the box culverts within the U.S. and shipping into Canada versus having a Canadian entity purchase the culverts in the U.S. and transporting them to the site for installation. The savings for a U.S. purchase would amount to approximately \$10,000. Fisher also commented that if the purchase was made within Canada, this would result in an administrative fee from ONA of approximately 10%. Accordingly, the HSC discussed making a request to ONA to waive their administrative fee for this particular purchase. Fisher agreed to follow up on this with ONA and report back.
- XIII. Barkley Irrigation Company** – This project was approved for funding several months ago by the HSC. The project included buying and installing irrigation pipe. Recently a fire that resulted from actions by a local resident destroyed much of the irrigation pipe, and the project sponsor is requesting funding to replace the pipe. An insurance claim is being investigated to replace the pipe. **After discussion, the HSC approved funding as requested for \$46,366, from Habitat Fund 603, with the caveat that any insurance funds received be delivered to the HSC and the landowner had to show proof that a claim had been submitted to the insurance company. HSC approval was an amendment to the original funding amount of \$174,500 by increasing the original amount by \$46,366 for a new not-to-exceed total of \$220,866.**
- XIV. Updates (not discussed due to time constraints; conference call scheduled for 1:00 pm, June 17th to address Updates listed below)**
- A. McIntyre Dam**
 - B. VDS 13**
 - C. ORRI Phase 2**
 - D. Nason Creek LWP Flood Plain Reconnection Project**
 - E. Wenatchee Nutrient Enhancement Proposal**
 - F. Icicle Creek Boulder Field Assessment Project** – Terrell distributed the final report to HSC members. Further discussion will take place at the next HSC meeting.
 - G. Tyee Ranch Project** – (See agenda item VI above)
 - H. Lower Wenatchee Instream Flow Enhancement Project**
 - I. Lower Chewuch Beaver Restoration Project**
 - J. Shuttleworth Creek Project**

K. Methow River 1890s Side Channel Groundwater Gallery Properties Strategic Acquisition

L. Roaring Creek Flow Restoration and Diversion Removal Project

XV. Approval of Meeting Minutes

A. May 9, 2013 – Approved with agreement that Duvall will add a few minor edits that had been inadvertently left off before finalizing and posting to the website.

XVI. Next Meeting:

A. Conference call scheduled for 1:00 pm, June 17, 2013 to complete today's agenda items, including Updates.

B. Next regularly scheduled meeting is Thursday, July 11, 2013

C. HSC members agreed to changing the August meeting to a conference call, plus they agreed to scheduling the meeting in November from the 14th to the 15th.