



**Grant County**  
**PUBLIC UTILITY DISTRICT**  
*Excellence in Service and Leadership*

**PRCC Habitat Subcommittee Meeting**

FINAL MEETING MINUTES  
Thursday, April 09, 2015  
Grant PUD Wenatchee Office

**PRCC Habitat Subcommittee Members**

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Kate Terrell, USFWS	Chris Fisher, CCT
Dave Duvall, GCPUD	Lee Carlson, YN
Justin Yeager, Dale Bambrick, (alt), NMFS	Carl Merkle, CTUIR
Jeremy Cram, Carmen Andonaegui (alt), WDFW	Debbie Williams, GCPUD, Administrative Assistant
Denny Rohr, D. Rohr & Assoc., Facilitator	

**Attendees**

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Chris Fisher, CCT	Jeremy Cram, WDFW
Dave Duvall, GCPUD	Lee Carlson, YN
Justin Yeager, NMFS	Debbie Williams, GCPUD, Administrative Assistant (Via phone)
Denny Rohr, Facilitator	

**Distributed Items:**

1. PRCC HSC Agenda April 09, 2015
2. Entiat Enlow Floodplain Protection Specification Sheet
3. Table 1 - Comparison of Dryden and IID Leavenworth Siphon Alternatives
4. Icicle Funder Letter Pumpback O&M Cost 033115
5. Final-IWG-Operating Procedures
6. PRCC Lower Nason Creek McCarty/GPUD Updated Spec Sheet Budget 3.19.15

**Decision Summary:**

1. HSC members approved \$337,700 for the Entiat Enlow Flood Plain Protection property costs and up to \$100,000 for removal of the house from Fund 602, but will require CDLT to find ways to reduce cost of house removal.
2. HSC members approved the purchase of the McCarty property for \$143,600, from Fund 602.

## Action Items:

1. Peshastin and Icicle Irrigation Districts Pump-back System Options Feasibility Study - Rohr will talk to Kaputa about answering the three questions posed by the HSC.
2. Cram and Rohr will amend language of the Entiat Enlow Flood Plain Protection spec sheet to include profitability of the house removal.
3. Rohr will discuss the following with Grant PUD management and ask that their response be addressed to the HSC in written form.
  - Explain Grant PUD's ability to interfere with how habitat funds are spent.
  - Ask if Grant PUD will reconsider their direction to Grant PUD's representative on the HSC to resend his vote.
  - Ask if the Grant PUD representative on the HSC can abstain from the vote.

## 11:30 – Joint meeting with HCP Tributary Committee to hear presentation from Dave Morgan, Chelan Douglas Land Trust (CDLT), regarding Entiat Projects –

Bob Bugert, Mickey Fleming and David Morgan all presented on behalf of CDLT and affirmed their commitment to habitat restoration on lands that are deemed prudent for such restoration to occur. There are not a lot of concerns from the state legislature on CDLT lands at this point. However, a much larger concern is the personal injury to citizens that could occur as a result of restoration on CDLT lands, of which any or all of the 16 volunteer board members could be personally held liable to a potential lawsuit. There is current discussion with BPA to hold harmless and/or share the responsibility/liability due to restoration activities but this is still being negotiated. The WDNR has jurisdiction in navigable waters and can make rulings in matters of state or private owned land and in ordinary high water marks but these decisions can be challenged. Finally, David presented and discussed the spec sheet on the Enlow project, answering questions by the committee.

## Minutes

- I. **Agenda Review** – No additions were made to the agenda.
- II. **Action Items Review for March 12, 2015 Meeting** – Action items were complete or discussed during today's meeting.
- III. **Approval of Meeting Minutes**
  - A. March 12, 2015 – Approved subject to Yeager.
- IV. **Habitat Funds Report (D. Rohr)** – No update was provided.
- V. **ACTION ITEM: Continued Discussion of McCarty Property (Lower Nason Side Channel RM 2.4) and Grant Property (D. Duvall, D. Rohr)** – Originally, the Chelan Douglas Land Trust (CDLT) asked the PRCC Habitat Subcommittee (HSC) for \$177,000 to purchase the McCarty property. The PRCC HSC counter offered \$127,431.25. CDLT declined that offer and countered back at \$143,600. Yeager explained that during a conversation with David Morgan, CDLT, regarding stewardship fees, that the McCarty's are paying \$8,000 for stewardship fees on their property, and that the stewardship funding requested in the \$143,600, is for Grant PUD's property. HSC members agreed that a future internal discussion is needed regarding appropriate stewardship values for land acquisitions, as well as one

with CDLT regarding how they value stewardship on their properties. HSC members approved the purchase the McCarty property for \$143,600, from Fund 602.

- VI. **Newby Narrows Property Acquisition** (L. Carlson; D. Duvall) – Carlson reported that an earnest money deposit of \$7,000 was made on April 1, 2015. (No funding for stewardship expenses were provided under this Agreement).
- VII. **Discussion/Action Item: “Assessment of Sediment Chemistry Upriver of Enloe Dam on the Similkameen River, Okanogan County, Washington”** – Duvall explained that after discussing this proposal with Grant PUD management, he was directed to rescind Grant PUD’s vote of approval on the Enloe Dam sediment study and dam removal plan because Grant PUD management believes Okanogan PUD (OKPUD) should be responsible for the sediment study and in general, most aspects of dam removal. Duvall went on to say that until another funding source comes to the table to take on the lead role and OKPUD relinquishes their rights to the FERC license, Grant PUD can’t interfere with the operation of the FERC license. Fisher explained that OKPUD expects to have an extension from FERC by June 30<sup>th</sup> and would like to have a lead agency identified before that date.

HSC members noted that the Habitat Conservation Account is funded by Grant PUD as mitigation for fish losses due to the Priest Rapids Project, and questioned Grant’s right to interfere with what funds can and cannot be spent on. The HSC discussed writing a letter to Grant PUD asking for an explanation of their interference, but instead decided to have Rohr discuss this matter with Grant PUD management. **Rohr will discuss the following with Grant PUD management and ask that their response be addressed to the HSC in written form.**

- **Explain Grant PUD’s ability to interfere with how habitat funds are spent.**
- **Ask if Grant PUD will reconsider their direction to Grant PUD’s representative on the HSC to rescind the vote.**
- **Ask if the Grant PUD representative on the HSC can abstain from the vote.**

- VIII. **Discussion/Action Item: “Development of a Dam Removal Plan for Enloe Dam on the Similkameen River, Okanogan County, Washington”** – See Item VII above.
- IX. **Action Item: Entiat Enlow Flood Plain Protection** – CDLT is requesting \$437,700 for this proposal. Cram explained that the purchase of this property will protect good habitat, enable restoration and remove the threat of development. HSC recommends that the house be put up for sale/removal, in an effort to reduce cost. HSC members want CDLT to oversee removal of the house and explore profitable removal options. They also want to contract with one entity and have them manage the entire project. **HSC members approved \$337,700 for property costs and up to \$100,000 for removal of the house from Fund 602, but will require CDLT to find ways to reduce cost of house removal. CDLT will be responsible for house removal, not Cascadia Conservation District. Cram and Rohr will amend language of the spec sheet to include profitability of the house removal.**

- X. **Project Updates**
- A. **602-23H - McIntyre Dam** – Improving Fish Jumping Efficiency (C. Fisher) – Jumping evaluations will take place again in July 2015.
- B. **602-13H - Icicle Creek Boulder Field Assessment Project** (K. Terrell) – Update provided by Terrell - *In March TU worked with Waterfall Engineering towards further development of a couple alternatives in anticipation of the next technical advisory meeting. Waterfall also developed the hybrid option of 1 and 2, which is now known as Left Bank Step Pool Channel at 14% slope*

*through the channel reach. This alternative would provide passage at flows ranging from 80 to 800 cfs. At the advisory meeting much discussion was held on all of the alternatives, but in the end the advisory group landed on supporting option 4. TU and Waterfall are now swiftly working to develop this alternative into an 80% design by June 30<sup>th</sup> for construction consideration. The design should be completed in late May. In addition to the work on the in river work in Icicle Creek TU has been working to set up geotechnical investigation for this spring, which includes a test pit in the road prism and testing 2-4 large boulders with different cracking techniques. The cracking will be conducted off site once arrangements can be made. All necessary permits for this exploratory work have been obtained. We have also been working with the city of Leavenworth to address their water line and are doing a preliminary design and cost estimate of the future pipeline alignment.*

*Next month TU will continue our support of waterfalls design work and help with wrap up survey.*

- C. **602-14H - Shuttleworth Creek** (C. Fisher) – ONA is pursuing funding for what it would cost to remove two earthen dams (Allendale Dam and Clarke Meadows Dam). Fisher explained to Kari Long, ONA, that potential funding could be requested when the Shuttleworth Creek project is complete.
- D. **602-16H - Roaring Creek Flow Restoration and Diversion Removal Project** (K. Terrell) – Update provided by Terrell - *Roaring Creek continues to move along steadily. TU spent this past month working on getting the one landowner who will use a well set up and ready for construction. We anticipate the well will be installed in April, up and running in May. TU conducted review of the pump station design for the rest of the users, initiated the pipeline survey for construction and permanent easements, and coordinate easements with USFWS on the pump station site (including pump pad, well, pipeline and road location. USFWS is supposed to have the contracts and easements assigned on April 30<sup>th</sup>. TU continues to shoot for a July construction date.*
- E. **603-27H - Peshastin and Icicle Irrigation Districts Pump-back System Options Feasibility Study** (K. Terrell)
- **Kaputa email and project information** – Rohr reported that Kaputa called him regarding three questions posed by the HSC. **The HSC wants to know what they are currently paying for O&M. Rohr will talk to Kaputa about answering the three questions before the HSC will discuss further.** Committee discussed and will consider O&M, but need questions answered before any further consideration.
- F. **602-13H - Icicle Creek Boulder Field PIT Tag Array** (J. Cram) – As of yesterday, April 8<sup>th</sup>, no fish have passed the array. The lower array detected 10 to 15 PIT-tagged steelhead from the Priest Rapids Hatchery, and a hand full of fish that were tagged elsewhere. WDFW is expecting 80-100 wild and 50-70 hatchery steelhead, to pass the array this season. Tag rates are higher this year, so expansions are a little less.
- G. **602-29H - ORRI - Penticton Spawning Platform #3** (C. Fisher) – Fisher and Duvall attended a design meeting on April 1<sup>st</sup> to review 50% design. Three options were reviewed, with the preferred option having a 0.4% gradient. In order to increase velocities for good egg incubation, the channel will be confined for the distance of the platform and undulations will be created to increase down welling sites and increase spawning habitat. Modeling showed this to be the best configuration. The next meeting is April 29<sup>th</sup> for review of 90% designs. ONA hopes to go out for bid in June

2015. Tubing closes on September 1<sup>st</sup> and construction can't start until after that; thus allowing for a two week window to conduct all work.

- H. 602-11H - Trout Unlimited – Lower Wenatchee Instream Flow Enhancement Project, Phase II** (J. Cram) Update provided by Terrell - *In March 2015 Trout Unlimited-Washington Water Project (TU-WWP) made substantial progress on Lower Wenatchee River Instream Flow Enhancement Project Phase II. After selection of the design engineering firm, TU-WWP worked with the engineers to develop the project schedule, scope of work, and project contracts. A professional survey of the ditch was begun. A list of necessary permits was compiled and an environmental firm specializing in permitting was approached about facilitating the process. Cooperation between TU-WWP and Ecology on the water right change and report of examination (ROE) continued, with comments received on the draft ROE.*

*TU-WWP plans to revise and submit a final draft of the ROE in April 2015 as per comments from Ecology and a water resources consultant. Professional survey of the ditch alignment will be completed. Contracts with the engineer will be finalized and design work will begin. Permit acquisition will also start, possibly with the assistance of the environmental permitting firm, with an expectation that all necessary permits could be secured as soon as July 2015 but more likely September/October 2015.*

- I. 602-26H - Lower Nason Side Channel RM 2.4 Development on the McCarty Property** (D. Duvall) (CDLT Development Project – Completed?) – See Item V above.

- J. 601-20H - MVID – Methow Valley Irrigation District** (K. Terrell) – Update provided by Terrell - *March 2015 was a very busy month For Trout Unlimited and the Methow Valley Irrigation District (MVID) Instream Flow Improvement Project. Tapani construction remobilized the first part of March to finish up the East side piping project. Their main focus was installing service connections to the individual shareholders connection points along with general clean up along the projects right of way. They are in the process of manufacturing the bubbler that will be placed at the Mill Hill site, this will happen the second week in April. Trout Unlimited employees spent a day spreading grass seed along the right of way in hope that the spring rains will aid in germinating the seed. The project is on schedule for May 1st start up.*

*The contract for the East Lower Lateral (ELL) was awarded to Hurst Construction of Wenatchee WA, in the first part of March. Hurst mobilized third week in March and is currently hard at work. The project has a substantial completion date of May 1<sup>st</sup>. Hurst is on Schedule with the project.*

*The contract for the E1 lateral was awarded to Lloyd Logging of Twisp WA, in March. Lloyd has also mobilized and is currently working on the northern part of the project and moving south. Lloyd is making good progress on the project and should meet the substantial completion date of May 15<sup>th</sup>.*

*Bach Drilling remobilized the first week in March to continue their work on the production wells for the West piping project. Bach spent the most part of March developing all 4 wells, this is a time consuming process and by the last week in March they had it completed. Bach is currently doing the mandatory pump test and draw down. Once this process is completed Bach will start the construction of the pump station. Bach's time line is looking good to coincide with the start of the West side piping project.*

*TU held the West pipe mandatory walk through the last week in March with 12 contractors participating. Bid opening for this project is April 9th 2015.*

*TU continues to make good progress on the individual wells. We currently are keeping three well drillers busy either installing or rehabbing existing wells. 25 of the wells need to be completed by May 1, 2015; TU is on course to make this happen.*

- K. **602-27H - Silver Side Channel PIT Tag Array** (J. Cram) – The site is in and the array is working well No pre-smolt capture took place. The array is detecting tagged fish from the Chewuch River. A detailed report will be given in a couple of months. The array logged movement of fish in and out all winter long.
  - L. **603-29H - Icicle Work Group – Leavenworth National Fish Hatchery Groundwater Investigations** (K. Terrell) - Draft contract has been sent to Chelan County Natural Resources for review.
  - M. **Schedule for Combined Meeting of PRCC and Habitat SC – May 27, 2015, Wanapum Dam** (D. Rohr) – No joint meeting will be held at this time.
  - N. **603-24H - Barkley Irrigation Company Permanent Point of Diversion** (J. Yeager) – *Update provided by Terrell - In March TU remained focused on the Design and Engineering of the Barkley Project. The consultant focused on the pump station site design refinements, electrical and the related design work for 75%. A significant amount of time was also spent on refining the structural components of the control structure and pumping plant. There continues to be challenges associated with the survey work and rectifying the data, but we are hopeful that much of the work will be resolved in early March. Getting the data sorted out will lead to significant progress on the pipeline alignment and design. TU also focused energy on permitting and have begun to draft the permits for the project which will be submitted in May upon completion of the pipeline design. We also solicited bids for the cultural resources and are currently working to contract the successful entity. Actual CR survey should begin sometime in April. TU also held another MVID-Barkley Directors coordination meeting. Lastly we received word from BPA that they are going to support the project, 1.3 million! This brings the budget much closer to being funded! In April we will focus on more of the same, steadily moving the project along.*
  - O. **603-22H - White River Staff Gage** (D. Duvall) – Draft contract has been sent to WDOE for review.
- XI. **Next Meeting:** May 14<sup>th</sup> HSC meeting was canceled. RTT project tours on May 7 (Methow), May 13 and 14 in the Wenatchee and potentially Entiat basins, respectively