



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

**PRCC Habitat Subcommittee Meeting**  
Thursday, April 10, 2014

Grant PUD Wenatchee Office  
11 Spokane Street, Suite 205B

**PRCC Habitat Subcommittee Members**

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Kate Terrell, USFWS	Chris Fisher, CCT
Dave Duvall, GCPUD	Lee Carlson, YN
Carl Merkle, CTUIR	Jeremy Cram, Carmen Andonaegui, WDFW
Justin Yeager, Dale Bambrick NMFS	Denny Rohr, Facilitator

**Attendees:**

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Justin Yeager, NMFS	Chris Fisher, CCT
Lee Carlson, YN	Jeremy Cram, WDFW
Kate Terrell, USFWS	Debbie Williams, GCPUD
Denny Rohr, Facilitator	

**Distributed Items:**

1. March 13, 2014 draft meeting minutes.

**Action Items:**

1. A purchase order will be cut for one of the other three alternative appraisers in order to get the Natapoc appraisal conducted as soon as possible.
2. Fisher will distribute the electronic version of the McIntyre Dam fish jumping efficiency report to HSC members.
3. Rohr will distribute conference call information for the Wanapum Dam briefing call, as well as set up a conference call between ONA and Grant PUD to discuss this matter.
4. Karrie Long, ONA, will draft a list of materials and services that the HSC has already funded, as well as a list of items still needed in order to complete the Shuttleworth Creek project.

## Final Meeting Minutes

- I. **Agenda Review** – No additions were made to the Agenda. Rohr asked that when submitting a project specification sheet, you include a pdf, as well as a Word version of the proposal.
- II. **Action Items Review** – March 13<sup>th</sup> Action Items were completed and/or discussed further during today's meeting.
- III. **Meeting Minutes Approval**- February 13, 2014 meeting minutes will be reviewed and approved by members via email (affirmed March 27<sup>th</sup> by email). March 13, 2014 - Approved
- IV. **Habitat Funds Report** – Waiting for a new report to be prepared for distribution to HSC members for review.
- V. **Property Acquisition Appraisal Procedure** – Duvall and Rohr met with Larry Reese, to develop a scope of work for contracting purposes. Because Reese is currently scheduled for the next two months, **a purchase order will be cut for one of the other three alternative appraisers in order to get the Natapoc appraisal conducted as soon as possible.**
- VI. **Natapoc Habitat Restoration Properties Strategic Acquisition, Brandon Rogers, Yakama Nation (L. Carlson)** - Awaiting appraisal of the 3 parcels approved by the PRCC.
- VII. **Trout Unlimited - Lower Wenatchee Instream Flow Enhancement Project Phase II (J. Cram)** - The PRCC agreed to fund 50% of \$456,241 for this project after Cram's proposal at last month's PRCC meeting. HSC members felt that the PRCC should fund the project in its entirety because during the joint PRCC/HSC meeting in December, they agreed to fund projects that increase survival and flows in the mainstem Columbia, and approximately 4-16 kcfs could be saved if this project is implemented. The HSC asked Rohr to discuss 100% funding of this project with the PRCC.
- VIII. **Update Discussion: Future MVID Diversion Removal from Twisp River (C. Fisher)**  
Lisa Pelly told Fisher that this proposal will be submitted in May, as funding from Washington Department of Ecology has to be encumbered by next June. Soon, Aaron Penvose, Trout Unlimited, will request funding for a pipeline easement acquisition associated with this project.

*Update provided by Kate Terrell - TU and Contractors participated in weekly conference calls, contributing information about land acquisitions and the budget for acquisitions, and reviewed meeting notes when unavailable for call. Currently the acquisition process itself is awaiting acquisition funding from PRCC. In order to temper expectations, intermittent outreach to the landowners is required, and documents continue to be refined. TU Staff and Contractors has provided information regarding acquisitions required by various alternatives considered by the MVID board, and has participated in MVID board meetings and special meetings to assist the board in arriving at a final design configuration. We also worked with BOR engineers to refine pipe alignments on the West Side delivery system, and has conducted outreach and performed due diligence on these new alignments. This includes field observations of*

*the portion of the new alignment on the Schulz property, as well as title issues related to access to the well field.*

*Based on the VE Study held this month, an independent cost estimate, and new developments with the Barkley Canal Company, all project stakeholders are working hard together to develop the best possible project outcome within the budget and schedule allotted. There is consensus that these kinds of discussions and re-evaluations are normal and healthy once you get to 30% design, and will improve the prospects of delivering a good outcome.*

**IX. White River Staff Gage:** No discussion was held.

**X. Project Updates**

- A. **McIntyre Dam – Jumping Efficiency Report, Electronic Distribution (C. Fisher)** - Fisher will distribute the electronic version of this document to HSC members.
- B. **Nason Creek LWP Flood Plain Reconnection Project (C. Fisher, D. Duvall)** – Fisher said ONA contacted him to ask if the Wanapum Dam fracture will affect any of their ongoing studies, e.g., McIntyre dam jumping efficiency. Rohr welcomed HSC members to join the Wanapum Dam briefing call which occurs each Monday morning at 8:00 a.m. **Rohr will distribute conference call information for the Wanapum Dam briefing call, as well as set up a conference call between ONA and Grant PUD to discuss this matter.**
- C. **Wenatchee Nutrient Enhancement Proposal (J. Cram, D. Duvall)** - Cram reported that the project will be delayed one year because WDOE won't consider giving permits until they see the final report, which is due in one month. No other permits have been issued.
- D. **Icicle Creek Boulder Field Assessment Project (K. Terrell)** - Design work will occur this summer and could potentially go before the SRFB for funding. Most likely the project will occur in 2016.

*Update provided by Kate Terrell - TU-WWP, with assistance from WDFW and USFWS, created and released an RFP for design services. The proposal window closed on February 26th and Waterfall Engineering was awarded the work. The Design will include 30% and final design of the selected alternatives. TU and Waterfall engineering worked together on the SOW and the agreement for services. TU and Waterfall also met on site in March and set out tasks and schedule for the design work in summer 2014. We are moving forward!*

- E. **Tyee Ranch Project (D. Duvall, D. Rohr)** - Rohr spoke with Mike Rickel, CCD, contracting is underway.
- F. **Shuttleworth Creek Project (C. Fisher)** - Fisher explained that there is a \$200,000 shortfall on this project due to several issues, e.g., well re-drilling, pipe not gauged properly, size had to be increased, creation of small pond to pump water out of during times of increased water need, etc. Because the power company was on strike, electricity hasn't been installed to the wells. Fisher said that ONA continues to seek other funding opportunities in order to complete this project, but that could take a long time. Fisher asked Kari Long,

ONA, to draft a list of materials and services that the HSC has already funded, as well as a list of items still needed in order to complete the project. Fisher believes that the lack of on-site project management was an issue on this project.

Fisher said that when the project is complete, no water will be diverted from Shuttleworth Creek; thus the biological benefit remains. The hope is to have the project operational in 2015.

- G. **Roaring Creek Flow Restoration and Diversion Removal Project (K. Terrell)** – Update provided by Kate Terrell - *Last month has been spent working with the surveyor, Northwest Geo Dimensions, to survey the pump station site. The survey work was completed. This information is critical and was passed on to the design engineer who is made the final changes to permit ready design documents. The survey work was submitted for the easement review by the USFWS real estate office in Portland. We are also reviewing the latest cost estimate on the intake proposal and have been working closely with A-1 drilling and digging. TU held several Meetings with the RCWUA board president Dan Wood to bring him up to date on the progress of the project. TU met on site with WDFW and Chelan County and permits will be submitted in April. The permits are prepared and ready for submittal upon USFWS review. TU is also working with BOR on the biological benefit synopsis of the project and should have a synthesis of historical habitat analysis ready in June. This work will be evaluated with the post project data to capture the whole benefit of entirely improving instream flow hydrology in Roaring Creek.*
- H. **Bremer** – No update provided.
- I. **Barkley Irrigation Company, 2012 – 2014 Diversion Change (D. Bambrick)** - No update provided.
- J. **Chewuch River Permanent Instream Flow Project (K. Terrell)** – Due to the government furlough and poor construction management, there is a \$50,000 shortfall on this project. Additional funding may be requested from the HSC. The Chewuch River would gain 26 kcfs from this project.
- K. **Icicle Irrigation Districts Pump-back System Options Feasibility Study (K. Terrell)** – *Update provided by Kate Terrell - On several occasions TU met with Forsgren to go over progress; reviewed each pump station option(s) and the implications for extent of pressure and gravity flow for each system; which portions needed to be piped and which could be piped or simply released into the existing canal (gravity); impact of overflows and pressure/gravity interface. TU and Forsgren reviewed maps; prepared memo for the engineers working on the computer model the summarized how the model needed to be updated, answered technical questions from the engineers about the running of the model. As a result Forsgren finalized memo on fine tuning of the computer model for the six scenarios and review especially of option 5B to see if it was going to be feasible. Coordination with modeling engineers about issues with the model and how to streamline the process, while reviewing the computer model calculations was all completed.*

*Forsgren also reviewed information from "Icicle Irrigation District, Comprehensive Water Conservation Plan," because of the valuable information in this report concerning the district's operations. It also has historic information about flows in the Icicle Creek and diversion quantities by Icicle Irrigation District.*

*TU will review the data and report back to Forsgren and meet with Icicle Irrigation In mid-April, adjustments to the data and how it is summarized and presented will be addressed at that time. TU expects the report will be ready for review early May!*

- L. **Icicle Creek Boulder Field PIT-tag Array** – WDFW received the contract from Grant PUD today. The array will be installed this summer. Arrays won't be installed prior to bull trout movement. Cram thinks that dedicated tagging of bull trout above the Tumwater dam is needed.
  - M. **Spawning Platform** – ONA secured \$10,500 from OBWW for water quality monitoring. \$380,700 is being requested from the HSC.
  - N. **Tour of Projects (including Blackbird Island, Lower Wenatchee Instream Flow Enhancement Project) (D. Rohr, K. Terrell)** – The tour will take place on June 11<sup>th</sup>.
  - O. **Skaha Lake Outlet Dam** – Stop logs will be installed and monitored at a cost of \$1500. The project will be complete in May.
- XI. **Next Meeting:** Thursday, May 8, 2014, 1:00 pm, Grant PUD Wenatchee Office