



Grant County
PUBLIC UTILITY DISTRICT
Excellence in Service and Leadership

PRCC Habitat Subcommittee Meeting

FINAL MEETING MINUTES

Thursday, September 10, 2015

1:00 pm

Grant PUD Wenatchee Office

PRCC Habitat Subcommittee Members

Kate Terrell, USFWS

Dave Duvall, GCPUD

Dale Bambrick, Justin Yeager (alt), NMFS

Jeremy Cram, Carmen Andonaegui (alt), WDFW

Denny Rohr, D. Rohr & Assoc, Facilitator

Chris Fisher, CCT

Lee Carlson, YN

Carl Merkle, CTUIR

Orlene Hahn, GCPUD, Executive Assistant

Attendees

Lee Carlson, YN

Jeremy Cram, WDFW

Dave Duvall, GCPUD

Denny Rohr, D. Rohr & Assoc, Facilitator

Chris Fisher, CCT (via phone)

Justin Yeager, NMFS

Orlene Hahn, GCPUD, Executive Assistant

Action Items from August 13, 2015 Meeting:

1. **602-14H - Shuttleworth Creek Projects** – Fisher - today is there any interest in pursuing this? There should be caveats around getting some guarantee that the irrigators will get what they need to get done. It was suggested to put together a letter stating what we are willing to do if they do their part subject to Yeager's approval. Rohr will draft a letter and follow up. Fisher will talk with ONA regarding who is to receive the letter. Fisher is to keep us advised.
2. **602-33 - Entiat Enlow Flood Plain Protection Acquisition** – Cram to look into the cost from start to finish of moving the house and setting it up on new land and then selling.
3. **Parks/Goodman Acquisition** – Fisher to let Rohr know when he would like this item put on the Agenda.

Minutes

- I. **Agenda Review** – Any additions were added throughout the meeting.
- II. **Action Items Review from August 13, 2015 HSC Meeting** (See listing below) - Action items were discussed during the course of today's meeting.

- III. **Approval of Meeting Minutes for August 13, 2015** (D. Rohr) – The Committee approved the meeting minutes with the following two edits:
- A. **602-34-Buckley II Acquisition:** Appraisal received and approved by the Committee for \$180,000.
 - B. **Proposal: Bonaparte Creek Discharge Monitoring Spec Sheet** – Cram received an email during the meeting and it was determined not to be feasible to use existing PIT tag arrays to monitor discharge.
- IV. **Habitat Funds and NNI Report through June 30, 2015** (Quarterly Reporting) (D. Rohr) – The next report will be sent out in October, 2015.
- V. **Review of Property Acquisition Language** (D. Rohr, D. Duvall) - Rohr and Duvall are working on developing a policy for acquisition and appraisal language. Chris Johnson, MSRF, had asked Duvall in reference to the Buckley project if a Deed of Rights, baseline checklist and hazardous waste checklist were needed. Discussion took place whether or not the Committee would be interested in having these three items a part of the policy for each project kind of as check boxes when it was felt that they may be needed. Duvall is to get more information from Chris Johnson to define what these things are and why they have been brought up at this time. The Committee approved to move forward with the Buckley II purchase.
- VI. **AFFIRMATION of J. Yeager Voting:**
- A. Approval Received from J. Yeager for Bonaparte Creek Discharge Monitoring Spec Sheet with the above edit to the August 13, 2015 meeting minutes.
 - B. Approval Received from J. Yeager for Trout Unlimited Lower Wenatchee Instream Flow Enhancement Project Phase II. (D. Rohr)
 - Final funding from 603, approval received from J. Yeager. Request to PRCC for NNI Funding was declined. Discussion took place regarding whether or not this would be a new Contract or a Change Order to the existing Contract. Duvall was tasked with this decision. The Committee agreed that whatever was easiest should be done.
- VII. **Potpourri** (D. Rohr)
- A. Review and Details of Canada Project Tour – October 14/15 (participants, lodging, travel, schedules, etc.) – Fisher is preparing the Agenda and would like to get a final headcount as soon as possible so that lodging can be determined. Orlene reserved the Grant PUD Shuttle Bus to be used for transportation. A driver will need to be arranged. Rohr offered that he could drive.
 - B. NNI Funding List for “2015 and beyond” - Rohr working on this with PRCC – work in progress.
- VIII. **Project Updates**
- A. **602-23H - McIntyre Dam** – Improving Fish Jumping Efficiency (C. Fisher) – Nothing will be done this year because of low flows. Fisher suggested taking this project update off until August 2016.
 - B. **602-14H – Shuttleworth Creek Projects** (C. Fisher) – Rohr to draft follow-up letter for Fisher.
 - C. **602-16H - Roaring Creek Flow Restoration and Diversion Removal Project** (K. Terrell) – Refer to email update sent August 31, 2015 from Terrell who was absent from this meeting. After an arduous July, TU came into August hopeful. As such the first week we contracted with a specialty drilling rig to come finish work on the well. They mobilized the week of the 10th, drilled Tuesday and Wednesday and pulled out. On late Wednesday afternoon TU noticed the upper most weld of the new casing was significantly leaking, and by COB the next day we were trying to find a way to fix a bad weld 20 feet

down a hole! On Tuesday the 18th subcontractors showed to vacumpump the pea gravel and fix the weld, which after a lot of work was completed. On Friday the 21st plunging (developing) began and was conducted for only about 2 hours, when the plunger was pulled out there was 1 inch of sand on top of plunger, also when pump was reinstalled in well there was 2 feet of sand in the bottom of well and was quickly pump out. We conducted a 40 minute pump test late on Friday too and it seemed to show some improvement after the plunging was done. We intend to plug the well for an entire day in the next couple weeks. So, in short it has been fun, after the first driller failed, the second driller broke the casing, and after fixing the bad weld and fusing with the gravel pack, we decided to regroup. We have been working on a plan moving forward this week, with emphasis on getting the well-developed, tested and buttoned up. We are meeting with Bach drilling on site Monday or Tuesday morning as a starter. Next month we intend to finish the well and then pull the interested parties together for a meeting to determine next steps. Once we are finished with the well development we will have the data and the knowledge what the well can do, how the well interacts with the neighbors and USFWS and we can set a timeline for the future then. All indications show next month will be a hoot.

- D. **603-27H - Peshastin and Icicle Irrigation Districts Pump-back System Options Feasibility Study** (K. Terrell) – **Tabled**
- E. **602-13H - Icicle Creek Boulder Field PIT Tag Array** (J. Cram) – Refer to email update sent August 31, 2015 from Terrell who was absent from this meeting. August was the same as July, but a little different. Reviewing information in advance of completing the final report was the name of the game. Final work was completed on the waterline evaluation and review comments were incorporated for the engineer. TU also met the engineer and geomorphologist on site to discuss slight changes in the 14% slope design, which are relatively minor. We also moved upstream to gage, bridge and Icicle Canyon falls and collected some survey data that will be incorporated into the report. TU will be working with waterfall through September to polish the final report to SRFB in October. In addition we will be conducting some exploratory breaking in September. We plan to move 3 to 5 native rocks off site and try different methods for breaking and fracturing them to determine the best methods for implementation at the site. Stay tuned.
- F. **602-29H - ORRI - Penticton Spawning Platform #3** (C. Fisher) – The Committee will be visiting this project in October on the Canada Tour. Approval was given to move forward with construction on Tuesday this week and gravel is being put down now. Fisher has not heard anything from ONA on sockeye.
- G. **602-11H - Trout Unlimited – Lower Wenatchee Instream Flow Enhancement Project, Phase II** (J. Cram) – Refer to email update sent August 31, 2015 from Terrell who was absent from this meeting. In August project work continued to focus on engineering design review and updates. Several site visits were conducted with project engineers to answer remaining questions regarding new pipeline alignment and pump station remodeling. As 100% designs are prepared TU and the project owner have provided information needed for final pipe sizing, service connection locations, valves, and emergency shutoff locations. The 100% plan sets are expected by the end of the month. Permitting is currently under review by pertinent agencies. An electric service request will be filed with Chelan PUD in short order. TU also worked extensively with the project owner and Ecology on final details of the water right change. In September TU will work with the project owner to review and change the 100% design sets as needed. Bid documents will be prepared and sent through the appropriate channels, and the bid selection process will commence. A demolition walk-through will be conducted by TU, the project engineer, and the project owner. TU will conduct a tree survey to advise the selected contractor of clearing/grubbing requirements. TU and the JSDC directors will communicate with shareholders final

plans and the construction start date. Details of the water right change process should also be finalized.

- H. **602-26H - Lower Nason Side Channel RM 2.4 Development on the McCarty Property (D. Duvall)** – This project has been funded and paid for so can be removed from the project list.
- I. **601-20H - MVID – Methow Valley Irrigation District (K. Terrell)** – Refer to email update sent August 31, 2015 from Terrell who was absent from this meeting. The Twisp River Fire did cause delays on most phases of this project due to evacuation of the Town of Twisp and construction crews having to go home to defend their properties, and/or equipment being needed on the fire lines. All aspects of construction are now up and moving. E-1 Lateral: Lloyd Logging continued working on the change order of the Airport Road irrigation line extension; however completion was delayed due to the Twisp River fire. Estimated completion will be by mid-September for the change order work. Westside pipe: Bianchi construction continues to move steadily on the project. Bianchi finished phase II (Painter's addition), and instead of the planned de-mob, decided to continue on with construction, which they will complete the end of this week. At that point Bianchi will then de-mob and return October 1st to finish the rest of Westside phase two which is the in ditch work. Production wells: Bach spent last week excavating the building location and will be pouring concrete this week. In the next two weeks Bach will begin installing the manifold, pumps, and controls. Construction will be complete on the well pumping plant around the end of October. Individual Well's: Significant progress continues to be made by TU on the individual wells. Currently 48 wells are drilled, five of which were under producing due to geology and lower than normal water tables, however solutions for all have been resolved or will be within the next two weeks. There are approximately 21 wells and/or upgrades remaining on this portion of the project. Rohr advised that the PRCC has asked for an update from Aaron Penvose at their next meeting on September 23, 2015.
- J. **602-27H - Silver Side Channel PIT Tag Array (J. Cram)** – No new updates. They are going out this fall to tag fish again which was part of the original plan. Cram stated that the actual restoration part may not happen though.
- K. **603-24H - Barkley Irrigation Company Permanent Point of Diversion (July 12, 2012) plus 2015/16 O&M Funding (May 14, 2015) (J. Yeager)** – Refer to email update sent August 31, 2015 from Terrell who was absent from this meeting. In August, TU blazed ahead with the design edits and review and now have all reviewers comments incorporated into the 90% designs. As such we met with the board and went through the details with them, including long discussions about long term O and M costs. As part of our internal and external professional reviews TU decided to coordinate a site visit with the engineers and fish screen manufacturers. A site visit was conducted on the week of the 23rd. The screens are suitable for the location and as a group were able to address all of the major concerns during that meeting. Additionally, TU is pushing hard on the permitting to get ahead of the long processes. All permits have been submitted except the water rights change and the HIPIII, both of which will be completed in December. TU began work on the pipeline easements, individual landowner meetings and expects cultural resource survey to commence in September. TU has also been working closely with Barkley on the temporary pump station and has been up about once a week to clean the fish screens. Next month we will focus on the water rights, consultation, and cultural. TU will also continue to manage the ditch in cooperation with Barkly. We expect the pump suction line will be removed for the year the first week of October.
- L. **602-28H - Newby Narrows (L. Carlson, D. Duvall)** – Acquisition completed. This project can be removed from the project list.

- M. **602-33 - Entiat Enlow Flood Plain Protection Acquisition** (J. Cram) – They are getting ready to go through some highest bid process to get rid of the house (silent auction style). The contingency would be to supplement the move with some of the money that was funded.
 - N. **602-34 – Buckley II Acquisition** (K. Terrell) – See edits above to August 13, 2015 meeting minutes.
 - O. **602-35 – 1890s Side Channel Restoration Effectiveness Monitoring Project** (L. Carlson) – The contract is currently being developed by Grant PUD. Duvall expects it to be finished by next week.
 - P. **XXXX-xx – Bonaparte Creek Discharge Monitoring** (C. Fisher) – Station was approved. The draft contract should be out for review in the next few weeks according to Duvall.
 - Q. **XXXX-xx – Parks/Goodman Acquisition** (C. Fisher) – The Committee restated that they were all interested in the fee simple acquisition option only. HSC decided to vote on this project by email and get it taken care of by Friday, September 18th. Rohr is to conduct an email vote from the Committee.
- IX. **Next Meeting:** October 8, 2015 (if there is business to conduct); otherwise the next meeting will be the Canada Tour, October 14-15, 2015.
- X. **November Meeting:** November 12, 2015

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1. **Review of Property Acquisition Language** (D. Rohr, D. Duvall) - Duvall is to get more information from Chris Johnson to define what these things are and why they have been brought up at this time. The Committee approved to move forward with the Buckley II purchase.
2. **Canada Project Tour – October 14/15, 2015** – Everyone is to get a headcount into Fisher as soon as possible so that lodging can be determined for this tour.
3. **602-14H – Shuttleworth Creek Projects** (C. Fisher) – Rohr to draft follow-up letter for Fisher.
4. **XXXX-xx – Parks/Goodman Acquisition** (C. Fisher) – The Committee restated that they were all interested in the fee simple acquisition option only. HSC decided to vote on this project by email and get it taken care of by Friday, September 18th. Rohr is to conduct an email vote from the Committee.