



Grant County **PUBLIC UTILITY DISTRICT**

PRCC Habitat Subcommittee Meeting

Thursday, February 13, 2014

1:00 – 4:00

Chelan PUD Auditorium

Audio: 1-800-977-8002 Bridge: 2384525

PRCC Habitat Subcommittee Members

Justin Yeager, Dale Bambrick, NMFS
Chris Fisher, CCT
Lee Carlson, YN
Jeremy Cram, C. Andonaegui, WDFW

Kate Terrell, USFWS
Dave Duvall, GCPUD
Carl Merkle, CTUIR
Denny Rohr, Facilitator

Attendees:

Justin Yeager, Dale Bambrick, NMFS
Lee Carlson, YN
Dave Duvall, GCPUD
Denny Rohr, Facilitator

Chris Fisher, CCT
Jeremy Cram, WDFW
Debbie Williams, GCPUD

Decision Summary:

1. HSC approved HFA for up to \$50,000 for primary appraisals and POs for review appraisals using Habitat Fund 602, pending Terrell's approval.
2. HSC approved combining the two dollar amounts (original proposal of \$117,806 and \$49,291.87 for a second PIT tag array) for a new, not-to-exceed amount of \$167,097.87 from Habitat Fund 603, pending Terrell's approval.
3. HSC approved HFA for up to \$299,380 for the engineering and design of a pressurized system for the Barkley Irrigation Company using Habitat Fund 602, pending Terrell's approval.

Distributed Items:

1. Improving fish jumping efficiency at McIntyre Dam
2. Icicle Creek Boulder Field PIT-Tag Array Installation Specifications Sheet
3. Bremer property appraisal documents
4. Barkley Irrigation Company Permanent Point of Diversion Change and Pressurization

Action Items:

1. Rohr to contact primary and review appraisers to inquire of service ability.
2. Duvall to work with Cram and Bambrick to draft contracts for each project once minutes are finalized.

Final Meeting Minutes

- I. **Agenda Review** – Barkley Irrigation Company Permanent Point of Diversion Change and Pressurization and McIntyre Dam Jumping Efficiencies were added to the agenda.
- II. **Action Items Review** – January 9th Action Items were completed and/or discussed further during today's meeting.
- III. **Meeting Minutes Approval** – January 9, 2014- Approved
- IV. **Habitat Funds Report** – As of January 27, 2014. Annual funding to Habitat Accounts will be deposited on February 14th. NNI \$1,909,231.30, Habitat Supplemental \$1,010,191.99, Habitat BiOp \$360,863.24.

Fund	Balance	Unencumbered Balance
No Net Impact Fund 601	\$5,755,923	\$4,776,707
Habitat Supplemental Fund 602	\$4,971,955	\$3,099,604
Habitat Fund 603	\$1,013,351	\$600,893
Total	\$11,741,229	\$8,477,204

- V. **Request for Additional Review of PRCC and Habitat SC List of Projects** – No additions or corrections were made to the document.
- VI. **Bremer Property Acquisition Update** – No update was given. This presentation and update by Mickey Fleming, CD Land Trust, will be rescheduled for the March HSC meeting.
- VII. **Property Acquisition Appraisal Procedure** – Grant PUD proposed contracting with one appraiser and three review appraisers to handle appraisals on behalf of land acquisitions and easements.. Duvall is working with Grant PUD Contracting; Grant PUD proposes a separate HFA be made with Larry Reece to be the primary appraiser on behalf of the HSC.. A PO would be drafted on an as-needed basis to pay for the three reviewer appraisers (Michael Gentry, Peter Shorett, Fred Strickland) While from a contracting standpoint, this is the best solution, there will be funds spent that are not tied to the project itself so a true reflection of actual costs will be more difficult to track. **HSC approved a contract be developed with Larry Reece as the primary appraiser for up to \$50,000. There will not be any guarantee of work and Yellow Book specifications will be included if co-funding is used in the purchase of a property. PO's would be developed with each of the other three review appraisers. Habitat Fund 602. In the case that Reece is unavailable, one of the reviewer appraisers will be used to conduct the appraisal. Contingent on approval by Terrell.**
- VIII. **Review: Natapoc Habitat Restoration Properties Strategic Acquisition** – Brandon Rodgers will provide a presentation next month; an appraisal will be conducted prior to purchase approval. Contractual details will be discussed if the HSC approves this proposal. Carlson will check with Brandon Rodgers to assure the project is still moving forward.
- IX. **Affirmation of Email Voting Approving Additional Icicle Creek Boulder Field PIT-Tag Array Proposal** – January 9, 2014 during the HSC meeting, HSC approved \$117,806 for funding of the Icicle Creek Boulder Field Pit Tag Array Installation as requested by WDFW. There was additional discussion on January 9th of adding an additional array at the mouth of Icicle Creek, depending upon the cost. Cram agreed to provide funding details to identify the additional cost figures. HSC agreed to consider installation of the additional array, and to participate in an email vote regarding the funding and installation details. Accordingly, after

receiving additional information from Cram, by email vote on January 13, 2014 the HSC approved the funding request from Cram for \$49,291.87 to install the additional PIT Tag Array. The combined total is \$167,097.87 for the final installation. Today the HSC affirmed the January 13th email vote of approval of the \$49,291.87 funding request. Additionally, the HSC approved combining the two dollar amounts (original proposal of \$117,806 and \$49,291.87 for a second PIT tag array) for a new, not-to-exceed amount of \$167,097.87 from Habitat Fund 603, pending Terrell's approval. Cram estimated that this project will take place in late March to early April. Permitting and land owner permission still are needed.

- X. **Update Discussion: Future MVID Diversion Removal from Twisp River** – Fisher spoke to Lisa Pelly; BOR estimates it will be \$18M for the upgrade. Another engineering firm will be evaluating the project, expect new project estimate by the end of the month.
- XI. **Skaha Dam Passage** – Fisher spoke with Kari Long, ONA, who had Associated Engineering do a design for fish passage. Because of lake fluctuations, adjustable fish gates are needed. The most comprehensive fish design was estimated at \$600,000, which would include an evaluation of the fishway. Other options were proposed by Fisher and Duvall. The lowest budget proposed, which only included stop logs and a debris screen, was an estimated cost of \$180,000. Fisher wasn't comfortable with this proposal; ONA will review the project and get back to Fisher.
- XII. **Blackbird Island Project, Leavenworth, Washington –Discussion Regarding Extension of Washington Department of Natural Resources Right-of-Entry Permit** – Duvall explained that the DNR right of entry permit will expire summer 2014. He asked if the HSC wanted to extend the right of way permit and the committee decided it was not needed. Duvall suggested that during an upcoming HSC field trip, the committee could look at the project for a final evaluation and the committee agreed.
- XIII. **Barkley** – Bambrick explained that a fully pressurized system (same as with Pioneer) is being proposed for where the permanent pump would be placed. An estimated cost of \$700,000 for long term O&M will be in addition to the \$3,293,180, total project cost. Trout Unlimited is asking for \$299,380 for engineering and design from the HSC. Additional funding sources will be sought for project completion. Because this project adds flows, NNI funds could be sought. If additional funding can't be found, the project would not be completed. **HSC members approved this proposal for \$299,380, contingent upon Terrell's approval, using Habitat Fund 602.**
- XIV. **McIntyre Dam Jumping Efficiency** – Fisher explained that outside gates have the most fish jumping at them with 50% jumping efficiency. They want to lower the level of Vaseux Lake; public outreach will be conducted at a cost of \$4,000 (included in total). They want to monitor jumping efficiencies using cameras, and how often monitoring will occur and how long it will take the Ministry to respond to level changes of the lake is still a question. \$33,032 (total project cost) is being requested to conduct this study. A large sockeye return and low flows are expected this year; it would be optimal conditions to study jumping efficiencies in 2014. Concern – how often will cameras be used for the monitoring, and if the cameras can react fast enough to capture images of the fish. Can all data be gathered in a shorter time period? Fisher will get questions answered and bring back for further discussion at the HSC in March.
- XV. **Updates**
 - A. **McIntyre Dam –Jumping Efficiency Report, Electronic Distribution** – Fisher will have it copied and sent to members.
 - B. **Nason Creek LWP Flood Plain Reconnection Project** – Ongoing
 - C. **Wenatchee Nutrient Enhancement Proposal** – Ongoing

- D. **Icicle Creek Boulder Field Assessment Project** – RFP went out for design this week. **Cram will send to HSC members.**
 - E. **Tyee Ranch Project** – Rohr noted that he received comments to the Conservation Easement and Landowner Agreement from Bambrick, Carlson and Terrell. Carlson questioned having so much consistency between the two documents (Terrell's comment). Fleming had previously stated that the Landowner Agreement is satisfactory. Rickel asked if the \$35,000 appraisal cost can be recouped. Rohr will conduct a final analysis of the proposal, what has been conducted to this point, and email it to HSC members.
 - F. **Lower Wenatchee Instream Flow Enhancement Project** – Field Trip
 - G. **Shuttleworth Creek Project** – Ongoing
 - H. **Roaring Creek Flow Restoration and Diversion Removal Project** – Ongoing
 - I. **Bremer Property, Phase 3** – Will receive an update at the March HSC meeting.
 - J. **Barkley Irrigation Company, 2012 – 2014 Diversion Change** – No update
 - K. **Chewuch River Permanent Instream Flow Project** – No update
 - L. **Peshastin and Icicle Irrigation Districts Pump-back System Options Feasibility Study** – Duvall reported that \$4200 was recently spent for hydraulic modeling and for a public stakeholder meeting.. Ongoing. Bambrick met with the Icicle Integrated Planning Group. Desired flow regime for Icicle was discussed. Differences in flows from 20 to 100 kcfs were discussed. More to come.
 - M. **Tour of Projects** – To be scheduled
- XVI. **Next Meeting** – Thursday, March 13, 2014, 1:00 p.m., Grant PUD Wenatchee office