

**Attendees:** Louis Musso, Heather Simmons Rigdon (NRCS), Dave Myra, Carol Ready, RC&D; Anna Lael, KCCD; Mike Tobin, Justin Bader, NYCD; Jennifer Scott, WDFW; David Gerth, KCT; Angie Begosh, YBFWRB; Pat Monk, USFWS; David Child, YBJB; Jason McCormick, WWT; Brad Miller, BPA.

## **1. ADMINISTRATION**

- a) Approve Agenda: ✓
- b) Approve October & November Minutes: Amend November page 4-correction from Manastash to Teanaway Creek on WWT update (done).
- c) 2010 – 11 SOW – please submit (on project forms).
- d) Third quarter Pisces report: done
- e) 2009 – 10 Budgets:
- f) DM will investigate Feb. River Rat training. (JS is registered for River Restoration NW)

## **2. UPDATES**

### **a) NYCD (MT, JB)**

**Boyd Brown:** We are working with Ecology to finish up water right changes/transfers with Boyd and his neighbors. Several water rights holders have had to move due to the landslide, leaving in question what will happen to their water rights. Ecology is taking the lead and we will work with all involved when landownership, infrastructures, and right of ways are determined.

**Swart:** We have received a county exemption for installation of the hardened crossing. Planting of the project went out to bid, we received a bid from WildLands, that will be opened later today. Planting will commence in early spring, or the earliest thaw. This project has become a two phase process with the planting and fencing taking place this summer/fall and the instream work taking place next year when we are able to obtain additional funding.

**North Fork Ahtanum Gauge:** Inter-fluve has submitted design alternative drawings and narrative to us, which will be distributed to the technical work group at the end of the week in preparation for TWG meeting in the first week of January. Five alternatives have been identified: 1) Do nothing, 2) Modify gauge with roughen channel, 3) Remove gauge and install a series of rock weirs, 4) Remove gauge and install a roughen channel, 5) Replace gauge with logs and earthen material and reroute stream through existing flood channel on right bank. We are working with the Ahtanum Irrigation District and Department of Ecology to draft a metering contract for the gauging equipment in which AID will hold ownership of the gauging equipment. We will be able to use A&E money awarded in a SRFB grant and \$10K from the Nation to pay for Inter-fluve's services. The remaining SRFB grant will go towards implementation of a design and we will pursue further funding if/when needed.

**Cowiche Creek Water Users Association and Yakima Tieton Irrigation District Hookup:** District engineers are finishing up pipeline designs. The bid process will begin in January. Legal issues are still being worked out between the CWWUA and YTID. Intend on implementation when SRFB money becomes available for construction and as soon as the ground thaws in the spring. We will have the system functioning before the start of the irrigation season.

**Matson:** We will be using Jack Myrick with the Conservation Commission to design the pipeline for this project. We conducted a site visit with Jack to discuss the layout of the pipeline, location of a pumping station on the Naches River, and the requirements for a fish screen. Due to the amount that needs to be withdrawn and the nature of the site (large back eddy w/debris) we are looking at using a river-screen.

**Fines Diversion:** We are modifying our designs to accommodate the addition of a pipeline which will convey water from the diversion to the place of use. We are still waiting for a

formalized O&M easement between the irrigator and land owner. Once this has been completed and the JARPA has been signed, we will begin looking for additional funds to implement this project.

**Cowychee Ditch:** We will begin the process of designing a screen that will meet both the minimum and maximum requirements for water withdraw for the users on the ditch. We are currently working with Lisa Pelly to determine the best way to initiate an appraisal of water rights for those users on the ditch.

#### **b) KCCD (AL)**

**Jack & Indian Creek Culvert Replacements:** **99.9% complete.** Two of nine non-structure threatening tears in Indian Creek culvert repaired, remainder planned.

**Lower Reecer Pipe/Pump:** Letters re transfer of ownership for facility send to landowner. The KCCD will provide technical assistance henceforth.

**Durand Diversion (lower Reecer):** KCCD sent request for a Release of Interest from one irrigator (Wyatt) and from the individual who purchased the water right associated with the golf course.

**Fogarty Complex:** Greer ditch decommissioning should occur in January. Project funding received a 12 month extension.

**Coleman Creek (Nisbet):** **substantially done;** automatic headgates and telemetry pending.

**Coleman Creek (EWC):** 30% design done, receiving comments. TWiG scheduled Monday, January 21, 2010 at 2:00pm, KCCD office.

**Cherry Creek:** SRFB ok'd wind turbine as an eligible cost – as part of a gravity to pump conversion. Project money expires late 2010, so the project must happen! TWiG in ~January.

**3M Ditch (Teaway):** Project received SRFB award!

**Red Bridge (Lambert, Teaway):** GeoMax to look into pump damage.

**Water Metering:** Ecology grant to end Dec 2009 unless extended. Any funds obligated to projects will be allowed.

**KCCD Long Range Planning Meeting:** Tuesday, January 12, 2010.

**KCCD Annual Meeting (dinner and slideshow):** February 1, 2009.

#### **c) KCT (DG)**

**Bruton Diversion (Taneum Creek):** Dam removal and rough channel fish passage construction was substantially completed on November 18, 2009. A celebration of project completion was held on Nov. 12 and was attended by over 80 stakeholders, media people and general public. The last upstream barrier is now Taneum Canal Co. diversion dam.

**Taneum Canal Co. Diversion Dam:** Project engineering for TCC fish passage project will be contracted with Fisheries Consultants, Inc. (Paul Tappel) using YTAHP funds passed through the KCCD. The reimbursement contract is in place with a not to exceed \$ 22,792 as shown below for Items 1-8. The contract runs through March 31, 2009. The TCC fish passage component is part of an integrated project to make the diversion, screens and fish passage a better system. Partners include BOR, USFWS, KRD, Taneum Canal Co., Ecology, SRFB, YN. [YTHAP Core Team nodded \(yes\) on JS permit assistance.](#)

**Cle Elum River Engineered Log Jams:** Thayer Excavating has completed construction of both ELJ's (west and east bank). About 10 cfs of perennial flows are passing through the 1.6 mile re-opened side channel creating a surface confluence with Domerie Creek. Both ELJ have been topped with soil and various riparian species of vegetation have been planted, as well as some upland conifer species. Vegetation planting was handled by D.J. Shook of KCCD and the WCC planting crews. Discharge from the Cle Elum Dam is currently about 185 cfs and about 10 cfs is

being deflected into the restored side channel. When the dam discharges about 3,500 cfs during irrigation season the flow in the side channel is predicted to top 900 cfs. Field monitoring in the summer of 2010 should be interesting.

**Swauk Creek Riparian Restoration & Protection:** Restoration funds to implement the Mid-Swauk Restoration project are secured from Dept. of Ecology water quality grant sponsored by Yakama Nation and matched by BPA funds through the KCT. A RFP is being drafted for circulation to qualified stream restoration firms. A Design / Build methodology is being proposed for the implementation actions. KCT and YN request that YTAHP review the plans in a yet to be scheduled TWG meeting, and that Jen Scott be allowed to pursue permit approvals.

<b>Fish Passage Project for Taneum Diversion Dam</b>					
<b>Engineering Cost Budget (Exhibit B)</b>					
Date of Budget Estimate		12/1/2009			
Scope of Work Task	P. Tappel Hours @ \$104	P. Tappel Hours @ \$52	K. Tappel Hours @ \$20	Expenses	Total Cost
1 Site Data and Surveying	12	4	8	\$180	\$1,796
2 Hydrology	4	0	0	0	\$416
3 Concept Development	22	0	0	40	\$2,328
4 Initial Meeting(s) with Stakeholders	12	8	0	240	\$1,904
5 Preliminary Design and Report	48	0	4	40	\$5,112
6 Design Meeting(s) with Stakeholders	12	8	0	240	\$1,904
7 Assistance for Permits	6	0	2	60	\$724
8 Fish Passage Final Design	80	4	0	80	\$8,608
9 Preparation of Construction Documents	16	0	0	32	\$1,696
10 Assistance During Bidding	8	4	0	140	\$1,180
11 Construction Management	100	16	20	1,500	\$13,132
<b>Total:</b>					<b>\$38,800</b>

**d) RC&D (CR):** Have letters prepared for signature to request SRFB and Ecology grant agreements for Reecer project from RC&D to MC FEG. The project is expecting deliveries of large wood (~400 pcs) from Rusty Marshall. We are redesigning the project to reduce costs and maintain benefits – leaving the creek in its existing channel for first 1,200 ft then moving into floodplain to increase sinuosity and provide spawning and rearing habitat. We are near full funding. From JS – 25 Reecer redds!!! (coho)

**e) Mid Columbia Fisheries** (Rebecca Wassell not in attendance)

### 3. PROJECT MONITORING (OVER ALL PROCESS)

**Pacific Lamprey:** JS is attending meetings on ‘recovery’ of Pacific Lamprey. There is currently a petition for ESA listing. Trial “Lamprey ramps” were installed at 3 Mile Dam, Umatilla. Screening diversions for lamprey ‘ammocoetes’ is feasible due to their small size. These baby lamprey live in the substrate for 4-6 years.

Taneum Enhancement (Scott Nicolai): on WDFW lands to add rock and wood instream. SN would like to attend the January YTAHP meeting to discuss project and request JS time for permitting.

WDFW responded to Legislative and Governor's requests with a draft proposed HPA fee schedule; the Legislature must approve any changes.

#### **4. ITEMS OF INTEREST**

**a) NRCS Programs (HSR):** FY 2010, RC&D budget cut by \$250,000 in WA. Our response will be to bill 15% of my time to traditional NRCS programs (EQIP, AgWEP, WHIP) and other non-RC&D budgets. I would like to meet with CDs and State assistance conservationist (Dave Brown) on programs and projects.

**b) BPA On Farm Irrigation Efficiency:** Brad Miller, Ag Sector Lead for Energy Efficiency in NW. BPA serves 142 public utilities with wholesale electricity. BPA is pushing energy efficiency as the cheapest form of 'new' energy (with 62 FTEs). There are 5 sectors: commercial, residential, industrial, ag and federal (military, reclamation, etc). Their goal is to increase the effectiveness of the programs, and for USDA, to work through its programs and connect with landowners and water users. BPA can sole source contract with NRCS/RC&Ds. Activities eligible for Ag Sector: moving water on farm/pumping, on-farm cooling (cold storage), most winery activities, fish hatcheries, golf courses, livestock. Would like to see RC&Ds work with CDs who work with landowner=energy user, who then works with retail energy utility. Hoping to cluster SC WA and Blue Mountains to address 50 MW of power. Savings via energy efficiency: Per KWH saved = \$0.20 or ~70% of cost of installed improvement.

SOW: 1) Marketing; 2) Communications; 3) Initial project idea – which would then be presented to retail utility (who has a relationship with BPA). Brad would like to discuss further with RC&Ds and CDs.

**c) Taneum Pit Tag Detector (Pat Monk):** JARPA submitted; BA drafted. BOR won't consult on Bull Trout. Installation anticipated ~Feb 2010, or later. USFWS are constructing the antenna. Could add to YTAHP Monitoring effort. Set Up: 3 sets of antenna, consisting of 4" PVC surrounding wires and configured into 4'x20' PVS 'squares' anchored to metal rod in stream bed. They will be equipped with dataloggers, +/- telemetry.

**d) Yakima Basin Fish & Wildlife Recovery Board** – Angie Begosh: Working on SRFB grant agreements. SRFB Promotional booklet being drafted – I will be requesting pictures of projects.

**5. NEXT MEETING: January 20, 2010, 9:30 a.m. – noon**  
**Location: Kittitas County Fire Dept. 102 N. Pearl Ellensburg**