

Panhandle Basin Advisory Group
 Idaho Department of Fish and Game
 Coeur d'Alene, Idaho DEQ
 June 18, 2009
 Final Meeting Notes

Members and Alternates Present	Guests Present
Dan Dinning-Local Government	Michelle Anderson-Kalispel Tribe
Scott Fields-Coeur d'Alene Tribe	Greg Becker-NRCS
Jack Filipowski-Agriculture	Joel Clark-Idaho Dept of Lands
Kennon McKlintock-Timber	Tyson Clyne-DEQ
Patty Perry-Kootenai Tribe	Bob Flagor-KSSWCD
Robert Rider-Livestock	Brandon Glaza-USFS
Vince Rinaldi-Water Based Recreation	Donna Harvey-DEQ
W. C. Rust-Mining	Sherry Klaus-Benewah SWCD
	Mike Mihelich-Kootenai Enviro Alliance
	Larry Mundt-Mica Creek Landowner
	Dave Pisarski-State Office DEQ
	Kajsa Stromberg-DEQ
	Diane Williams-Tri State Water Quality Council

The meeting was called to order at 9 am on June 18, 2009 at Idaho Department of Fish and Game in Coeur d'Alene, Idaho by BAG Chairman, Vince Rinaldi. Introductions were made around the room. Robert Rider made a motion to approve the March 18, 2009 meeting notes. Dan Dinning seconded the motion; the motion passed.

319 Project Vote: Liz Sedler sent a proxy vote via Email to Donna. A copy of this email was placed in Chairman Vince Rinaldi's folder. After some discussion, Patty Perry made a motion to accept Liz Sedler's proxy vote for this day and for this issue only, stipulating that future proxy votes would be considered as they were submitted. Robert Rider seconded the motion; the motion passed.

Dave Pisarski of DEQ State Office outlined the 319 program for FY 2010. There were 50+ 319 applications and 2.4 million dollars available. All of the applications added up to over \$4 million in funding, so not all projects will be funded. The Super BAG meeting of all the BAG chairs is scheduled for two days in August. Dave will start the Super BAG meeting with an overview of projects and of the 319 program for the BAG chairs. The BAG chairs would then rate the projects sent in from all around the State. As soon as the money is used, then the list of prioritized projects is cut off at that point.

319 Presentation by Applicants: Chairman Rinaldi set out a time limit for 319 presentations of 10 minutes followed by five minutes for questions from the BAG to the presenters.

Lake Pend Oreille Nearshore Septic, by Bonner County Soil and Water Conservation District, presented by Greg Becker. A TMDL was written and approved by EPA in 2002 which addressed concerns about the increasing eutrophication on the shores of Lake Pend Oreille. Septic systems pose a high risk for the shallow areas of the lake.

The project site is on land owned by a private landowner in Glengary Bay. The septic systems are over 25 years old and serve a home, three cabins and a float house. These structures have a common drainfield, approximately 250 feet from the lakeshore. The current leach field is within 35 feet of an intermittent spring. The owner has done preliminary work, including a proposed engineering design for a new septic system. The new system will treat waste from the landowner's structures with a recirculating gravel filter with a community drainfield in more appropriate soils approximately 200 feet upslope from the home sites. Septic for 7 individual home sites will each have effluent filters and effluent pumps. Delivery would be pressurized and then recirculated from a central recirculation tank. The new location would place the drainfield approximately 350 feet from any surface water, including springs. The drainfield would be sized to allow two more hookups.

This project addresses the problems outlined in the Pend Oreille Lake Nearshore TMDL.

Pend Oreille Watershed Septic, by Tri-State Water Quality Council, presented by Diane Williams. The goal of this project is to implement a groundwater/surface water septic initiative to help communities in the Pend Oreille Lake watershed to address impacts from the expanding population growth and development. This project seeks to assist water districts and local governments with identification and development of targeted education approaches, management programs and/or policy initiatives for reducing septic system hazards to public water supplies and surface waters. Drinking water for this area comes from wells and from surface water sources.

Project benefits include increased awareness about septic systems and how they can impact ground and surface water by contamination. Knowledge can possibly benefit by way of citizens backing policy initiatives to better address sewage and contamination.

An update in the 2007 Clark Fork-Pend Oreille Basin Management Plan identified rapid population growth as the primary interstate water quality issue. A needs assessment and a lake front property owners survey done by the University of Idaho in 2007, formed the basis for development of this proposal. The study outlined a need for: 1) zoning restrictions 2) Education and training on septic systems maintenance, and 3) a need for reference materials. This project addresses the Lake Pend Oreille Nearshore TMDL.

Twentymile Creek Road, by USFS, presented by Brandon Glaza. This project is located on Twentymile Creek Road, #408 from mile post 1.6 to Twentymile Pass, 5.6 miles. This road is within 300 feet of the creek for over $\frac{3}{4}$ of a mile. The road is never more than 1200 feet from the creek. The toe of the road serves as the streambank along some sections, which causes bank erosion into the stream. There are also three perennial tributary stream crossings and several ephemeral stream crossings within the 5.6 mile area. These crossings provide sediment into Twentymile Creek. This project seeks to resurface road with gravel, armor ditches and fill slopes and also install additional culverts and/or drains in problem areas. Completion of this project will support the following beneficial uses: cold water aquatic life, salmonids spawning and domestic water supply. This project also supports the goals of the Kootenai River and Moyie River TMDLs.

Phase II Mica Creek Sediment and Nutrient Reduction, Kootenai Shoshone Soil and Water Conservation District, presented by Larry Mundt. Between 2001-2007, three miles of riparian exclusion fencing was installed along Mica Creek which included a livestock and equipment passage bridge, hardened crossing and five off-stream watering stations. Phase I removed debris and stabilized 560 feet of stream channel and 400 feet of tributary channel on Mica Creek. It was implemented through a partnership of DEQ, KSSWCD, NRCS and the SCC and was funded by Clean Water Act money from the Coeur d'Alene Basin Environmental Project Commission. Idaho Transportation Dept settlement money was also used. Phase I completed 12 sites. Phase II will complete the plan provided by NRCS in 2007 and will remove debris and stabilize 920 feet of eroding stream bank. Permits and designs are in place and the project is ready to begin. The result of the projects which are included in Phase I and Phase II, will be a substantial reduction of sediment and associated nutrient loading into Mica Creek which will address the problems of sediment, bacteria, and temperature identified in the Coeur d'Alene Lake and River Subbasin Assessment and TMDL.

Upper Hangman Creek Watershed, Benewah Soil and Water Conservation District, presented by Sherry Klaus. This project supports the Upper Hangman Subbasin Assessment and TMDL. Two culverts will be installed in the Hangman Creek drainage to decrease sediment input into the stream, which is a 303d listed stream. The first culvert in Bunnel Creek was installed at an improper angle to the gradient of the stream and is also not big enough to handle the volume of water in the stream. This has caused scour of the stream channel below the culvert. In addition to alleviating scour, the new culvert would improve fish passage. Over one mile of upper stream can then accommodate spawning. The second culvert is needed to take runoff from the road and direct the water into a settling area, rather than the direct current delivery to Hangman Creek. This should help stabilize the road drainage network. This project addresses the problems listed in the TMDL for Upper Hangman Creek.

Goose Creek Stream Restoration: Kalispel Tribe of Indians, presented by Michele Anderson. Goose Creek is a tributary of the Upper West Branch of the Priest River which is 303d listed for temperature. Goose Creek is listed for bacteria.

The Kalispel Tribe of Indians purchased 620 acres of land known as Big Meadows which is in the Upper West Branch Priest River watershed. This was primarily grazing land. Historic reclamation work by prior owners of the meadow diverted sections of Goose Creek from its original channel into an irrigation ditch. A road for the southern half of the property crosses the creek at approximately midpoint and is functioning as grade control for the upstream channel. Downstream, significant erosion is occurring which is severely downcutting the channel and cutting into the banks. The Kalispel Tribe of Indians wants to: re-route channelized sections into historical channels, constructing new channel where necessary, stabilize eroding banks, replace crossing, and re-establish riparian areas. This project will be a multi-phase/multi-year construction phase using tribal staff. The Tribe plans to consult with a stream restoration consultant. The construction phase will be in 2010.

Goose Creek is identified as a high priority project in the Kalispel Tribe's Resource Management Plan.

The BAG members voted by paper ballot. Vince Rinaldi and Donna Harvey totaled the votes. The voting rated the project proposals as follows:

1. Upper Hangman Creek
2. Mica Creek
3. Twenty Mile Creek
4. Pend Oreille Watershed Septic
5. Pend Oreille Nearshore (tied with the next one at #5)
5. Goose Creek Restoration

North Fork Coeur d'Alene River: Kajsa Stromberg of DEQ said that work has begun on the Species Conservation grant that will address water quality and aquatic life in the North Fork.

Black Lake TMDL: Tom Herron said that the BAG will be sent a prospective list of Black Lake Watershed Advisory Group members.

A tentative date for the next BAG meeting was set at November 4, 2009 at Idaho Department of Fish and Game.

The meeting was adjourned at 12:05 pm by Chairman Vince Rinaldi.