

Panhandle Basin Advisory Group Meeting
October 22, 2014
9AM-11:45AM
Idaho Department of Environmental Quality
2110 Ironwood Parkway
Coeur d'Alene, ID 83814

AGENDA

- 9:00-9:10** Introductions and approval of July 17th BAG minutes
- 9:10-9:30** 319 Overview – Dave Pisarski
- 9:30-10:00** Bloomsburg Road/Coeur d'Alene Lake Management Plan Sediment & Nutrient Reduction Project – Bob Flagor, Kootenai-Shoshone Soil and Water Conservation District & Kevin Howard, Worley Highway District
- 10:00-10:15** DEQ Technical Review of Bloomsburg Road/Coeur d'Alene Lake Management Plan Sediment & Nutrient Reduction Project.
- 10:15-10:30** Break
- 10:30-11:00** Fernan Lake Phosphorus Reduction Project – Adrienne Cronebaugh, Kootenai Environmental Alliance
- 11:00-11:15** DEQ Technical Review of Fernan Lake Phosphorus Reduction Project
- 11:15-11:30** BAG voting for 319 projects
- 11:30-11:45** BAG Vacancies
- 11:45** Adjourn

Panhandle Basin Advisory Group
 Department of Environmental Quality
 2110 Ironwood Parkway
 Coeur d'Alene, Idaho DEQ
 October 22, 2014
Approved Meeting Notes

| Members and Alternates Present | Guests Present |
|---------------------------------------|-----------------------|
| Kennon McClintock – Timber | Tom Herron - DEQ |
| Scott Fields - Coeur d'Alene Tribe | Kristie McEnroe - DEQ |
| Jack Filipowski - Agriculture | Dave Pisarski – DEQ |
| Adrienne Cronebaugh - Environmental | Craig Nelson - DEQ |
| Patty Perry – Kootenai Tribe | Bob Steed - DEQ |
| Robert Rider - Livestock | Kevin Howard |
| | Mike Mihelich |
| | Melissa Driskell |
| | David Fortier |
| | Susan Andrews |
| | |

The Panhandle Basin Advisory Group (BAG) meeting was called to order at 9:05 a.m. by Scott Fields and seconded by Patty Perry, at the Department of Environmental Quality, in Coeur d'Alene, Idaho. Introductions were made around the room.

Patty Perry made motion to approve minutes from the previous meeting as provided. It was seconded by Kennon McClintock. Motion was approved.

Tom Herron asked the DEQ State office representative Dave Pisarski to give an overview of this year's 319 Program.

319 Project Overview

The federal budget has been cut and several programs were affected. That has led to uncertainty as to how much will be allotted to the 319 Projects. The projected amount is 1.6 million for the chosen projects statewide. Through administrative fund saving the State will add another \$310,000 to the total. The final decision which projects will be funded will be made at the Super BAG meeting on December 3rd, 2014. There are 29 projects statewide that have applied for the 319 Grant funding. Representatives from each region will then review all the top rated projects and select the ones that will receive funding this year. Kristin added that 2 of the projects last year from our region were funded last year. Both the Alder Creek and Cocolalla were funded.

Kristin Larson explained the timing procedures for the presentations. Each presentation will be limited to be 30 minutes, followed by questions from the BAG members. New this year, each project will have a DEQ technical review that was done by Kristin and Dave Pisarski.

319 Projects:

Bloomsburg Road/Coeur d'Alene Lake Management Plan Sediment & Nutrient Reduction Project. – Bob Flagor, Kootenai-Shoshone Soil and Water Conservation District & Kevin Howard, Worley Highway District.

This project area lies about 2 miles south of Harrison, ID on the west side of Lake Coeur d'Alene on Bloomberg Road. Bloomberg Road cuts off Rolling Hills Road and runs down to Fullers Boat Ramp. The Project will start at the top of the hill of Bloomsburg Road and run down to the intersection of Wildwood Drive, or about one and a half miles. This project is designed to reduce the sediment and associated nutrients from entering Bloomsburg and Brown Bays were the run off from the road empties. The goal of this project is to replace small and damaged existing culverts and also install numerous new culverts to provide adequate road drainage and relief. The ultimate goal is to improve the quality of Lake Coeur d'Alene by reducing the load into its bays. This project was recommended by the Coeur d'Alene Lake Management Plan team. The project lies totally within the Coeur d'Alene Tribe reservation boundary. Kevin Howard showed before and after photos of the spring runoff from 2013 and of the failed culverts. The project projects to reduce sediment load by 66% per year.

Estimated total project cost: \$52,005.00

Estimated matching funds amount: \$20,874.00

Estimated 319 Grant amount: \$31,131.00

Technical Review by DEQ:

DEQ liked the fact that the this project had a partnership with the Coeur d'Alene Lake Management Plan team (LMP) and that a \$5,000 contribution from LMP was not included in the application budget. And that there is an immediate proximity to the lake. From looking at the pictures there is an obvious problem that needs to be addressed. The only problems DEQ can see is that the original project didn't have a real break out of the actual costs on the application. But Bob had included a separate spreadsheet with the break downs which DEQ found acceptable. There was also a change in the 319 rules that the admin cost had to be below 10% of the 319 requested funds. Bob's project had a higher admin cost than the 10%, since there was confusion across the 319 program on this new rule, when it comes down to the voting at the Super BAG the admin costs will be adjusted to reflect the new rule before voting; assuming the applicants can and are willing to do that. Dave hopes to have the limit raised from 10% to a more realistic 15-20% considering that monitoring is included in the admin costs. Dave also mentioned that he would like to see a support letter from the tribe for this project.

Fernan Lake Phosphorus Reduction – Adrienne Cronebaugh, Kootenai Environmental Alliance

The recurrence of toxic blue green algae blooms highlight the need for action in addressing and remediating several nonpoint phosphorus sources; (1) Fernan Lake Road: one designated parking turnout areas (Lily Pad Bay} that need Immediate attention, as well as the shoreline that connects

to a turnout further west (Charlie's Point). This project would include restoration and re-vegetation of this 150' of riparian area using shrubs and rushes, as well as seeding the turnout areas with rabbit's foot clover. (2) Fernan Lake Village Lawns: The urban stormwater runoff releases directly into the western end of the Lake. Lawn and garden fertilization activities have led to water appearing greener near Fernan Lake Village. To address this nutrient source, education of area residents is essential. This project will include teaching residents how to take soil samples and analyzing its levels of phosphorous, nitrogen, potassium, pH, and organic matter. (3) Internal Cycling: Historical logging, construction and agricultural activities have introduced large amounts of phosphorus-laden sediments into Fernan Lake; those nutrients have accumulated at the bottom of the lake. Nutrient releases from these lake sediments and the natural decomposition of aquatic plants have resulted in reduced Dissolved Oxygen conditions near the bottom of the lake. This enhances phosphorus moving up into the water column. To address recycling nutrients in Fernan Lake we will be expanding Kootenai Environmental Alliance's Floating Treatment Wetland pilot project to Fernan Lake (originally started in Hayden Lake). This will include launching and monitoring floating treatment wetlands (FTW) into Fernan Lake.

This proposed project is the first step in mitigating some of the identified nonpoint sources of phosphorus that are contributing to the lakes poor health. Primary Pollutant(s) To Be Addressed: Dissolved Oxygen, Phosphorous and Sediment. Beneficial Uses Affected by Project: Aesthetics, Aquatic life and Recreation.

Estimated total project cost: \$33,000.00

Estimated matching funds amount: \$13,200.00

Estimated 319 Grant amount: \$19,800.00

Technical Review by DEQ:

The initial review of the project was a lot larger project. DEQ had been in a lot of communication with Adrienne and early on they suggested she team up with Frank Wilhelm or someone to help her design the monitoring part of the project. Unfortunately Frank had a busy field season and Adrienne was not able to connect with him. So Adrienne had to modify the grant. Adrienne still plans to pursue the wetland portion and they are launching a test wetland to monitor how it moves with the ice through the winter. Adrienne then submitted a revised budget the in which the match is almost ½ of the total and Kristin feels it's a good project for the amount of funds requested. DEQ wanted to know how this project would complement the Lake *A* Syst program. Adrienne has been in contact with many of the lake groups and Kristin feels the project is very complimentary to existing groups. There was a little question on whether or not the 319 money could pay for the picnic table with 319 funds, Dave said that it would not qualify but added that with the current budget request Dave didn't think there would be an issue. Tom mentioned that the table much like the plantings is a way to direct people to use the area.

319 Voting and Results

After the presentations Kristin mentioned and clarified with Dave that the first ranking projects from each region are normally funded. Since the total amount requested from both projects is so small she felt pretty secure in saying that both projects will most likely be funded. The BAG discussed both projects and would like to vote them equal and both in the 1st position because of the small dollar amount requested. But to stick with the 319 guidelines the projects were voted on and ranked.

The BAG voted on the order of support of the applications, Kristin Larson and Dave Pisarski announced the results of the vote:

1. Bloomsburg Road/Coeur d'Alene Lake Management Plan Sediment & Nutrient Reduction Project.
2. Fernan Lake Phosphorus Reduction

With a note that regardless of regional ranking they both are pushed at the Super BAG to get funded.

Kennon McClintock volunteered to represent our region at the Super BAG meeting in Boise on December 4th. Dave noted that based on past experience most of the number 1 ranked projects and most of the number 2 ranked projects from each region are funded. He also wanted to confirm that the schedule stand for the 319 meetings in our region as the 4th Wednesday in October. The 2015 319 BAG meeting will be held on October 21, 2014.

Open BAG Positions

Mining Representative

Tom Herron discussed the replacement for the Mining Representative with the BAG members. Bradley Kucera and Melissa Driskell had both expressed interest in the position. They decided between themselves that Bradley would be the representative and Melissa would be the alternate. Adrienne made the motion to accept the applications for Bradley and Melissa to fill the Mining representative position; it was seconded by Jack Filipowski. Motion passed.

Non-Municipal Discharger

Tom distributed possible Discharger applicants to the BAG so they could identify candidates to fill the position. Once the BAG can identify some candidates Tom will draft a letter of solicitation. Scott Fields mentioned he would like to see a stormwater representative because of their community involvement and community awareness of stormwater regulations. While not to discourage commercial dischargers he feels a stormwater discharger would be a better fit. This topic will be on the agenda for the next meeting.

Next Meeting Agenda Items and Adjourn

The BAG agreed to tentatively schedule the next meeting for January 21st, 2015. Tom Herron suggested a replacement for the Non-Municipal Discharger be an agenda item for the January meeting as well as TMDL updates, and the Lake Pend Oreille and River monitoring for TMDL 5 Year Review. Scott Fields motioned to adjourn; Adrienne Cronebaugh seconded the motion, the motion passed. Meeting adjourned at 11:41 AM.