

CLEARFIELD CREEK WATERSHED ASSOCIATION
MINUTES
MEETING OF
August 15, 2017

www.clearfieldcreekwatershed.org

The meeting was called to order by President Dan McMullen with the pledge to the flag. There were 11 members present. A **motion** by Dick Dotts and seconded by Earl Smithmyer was then passed “accepting the July 18, 2017 minutes.” Meeting notes below were taken by Shawn Simmers and compiled by Jerry.

Secretary’s Report:

Jerry was unable to attend the meeting due to another commitment. He reported that he sent out the thank you letters for the fishing derby sponsors.

Membership Committee:

There were six memberships received this past month and one donation.

Public Relations/Historical Committee:

Ray stated that the Altoona Mirror published an article about a St. Francis University Environmental Award for the students working on Brubaker and Swank. We want to thank the Altoona Mirror for this coverage.

Finance Report:

Dan reported that he had mailed out the dam cleanout tickets to the members. Drawing of the winning ticket will be held at the September meeting.

Treasurer’s Report: Shawn Simmers: August 15, 2017

Shawn reported that all bills were paid and deposits made for July. The grant account and general account match the banks numbers. Shawn discussed an invoice received from Wessel and Company for \$975 without any support documents. He is going to call to obtain support docs for the amount. Shawn and Dan will be meeting with Michelle to close and true up the Gibson and WFW projects. Bills received include the Wessel Company \$975, Mountain Research \$403, Copy Rite \$24.97, and Jerry’s envelopes.

A **motion** by Earl Smithmyer and seconded by Dick Dotts was then passed “to accept the treasurer’s report and pay all invoices.”

Grant Committee:

Dan stated that he had nothing new to report.

Cleanup Committee:

The final cleanup of the year is scheduled for Sunday, September 24th. This is both a roadway and stream cleanup so lots of volunteers are needed. We will be meeting at the Municipal building in Dysart at 8:45 AM. Lunch will be provided. Also, Dan will be getting a sign for route 36.

Tech Committee: The following Tech Report was presented by Art Rose-Chairman of the Tech Committee: **Tech Committee Report- August 15, 2017**

Klondike Project A lab test of the outflow collected on 7/23/17 by Dan and Shawn showed net alkaline water with low content of iron. Tasks planned for the near future include lowering the settling pond outflow elevation, repair of leakage to inflow area, burying of test cells, a new weir at the KL-2 outflow, and possibly removal of settled iron precipitate, installation of a protective layer over the compost and tests of iron-removal boxes. Also, a new sign for the PA36 entrance is underway.

W Ferris Wheel Project The inflow and outflow of the 3 systems and the 32R3 and 32R4 untreated weirs were sampled on 7/23/17 by Dan, Shawn and Art. Treated water from all three systems was net alkaline and pH above 7, but with appreciable suspended metals (up to several mg/L of Mn). The 32R3 outflow had an untreated acidity load of about 50 lb/d. We hope soon to emplace sampling points for the inflow to the system 3 limestone bed and modify the outflow ponds. Improvement of the wetlands is also in order, as is planning treatment of the 32R3 flow. Drilling to increase the flow into System 3 was discussed with a driller, and contacts with other drillers are being pursued. Completion of the W Ferris sampling map awaits receipt of complete topo coverage of the map area.

Cooney flow The flow from south of PA 36 (32MS4) was sampled on 7/23/17 by Dan and Shawn. The water was net acid with about 35 lb/d of acidity.

Gibson Project No data on sampling is available for several months, though it is reported to have been sampled in June by Michelle. We need to mark a channel from the 184 discharge to the inflow and have this channel dug.

Beldin Project No activity. We need to provide a plan for use of this money to DEP.

Swank Project Samples from 6/30/17 show moderate but incomplete treatment.

Brubaker Project The data from a year of quarterly sampling by St. Francis has been evaluated. The acid load upstream of the Clay Mine is about equal to the Clay Mine load, so further treatment is needed in the upstream areas. Appreciable load is from BBC-28, the most upstream sample site, so we need to place 2 additional weirs on tribs upstream of this, and look for sources, as well as replace weirs at the Clay mine (BBC-9) and the upstream sample site (BBC-28). We should pay St Francis the remainder of their charges. A sample from 7/18 confirms the 5/23/17 sample indicating that the Clay mine outflow is now neutral pH and net alkaline, evidently due to mixing with Bender sludge pumped into the D stope. It also contained a very high content of suspended iron, manganese and aluminum. This situation was discussed over the phone with Jim Walters. I suggested that Bender continue pumping sludge into the D Stope for the moment, but for the future, if this continues, we need at least a settling pond and wetland to remove the high content of suspended metals.

Clearfield Creek We need to get several macroinvertebrate samples from Clearfield Creek below Brubaker Run. Dan will contact Bryan, but if he is unable to do this, we need to contact Trout Unlimited.

To Do As of 8/15/17

<u>Project</u>	<u>Interval</u>	<u>Person</u>	<u>Last Done</u>	<u>Do by</u>
KL1 Inspection and monitoring	Q	Art	7/23/17	10/31/17
KL2 inspection and monitoring	Q	Dan	6/25/17	9/30/17
WF Inspection and monitoring	M	Dan	7/23/17	8/31/17
Gibson insp. And monitoring	M	Shawn,Michelle	6/1/17	6/30/17
Beldin insp. And monitoring	Q	Dan	Suspended	
Swank insp. And monitoring	Q	Art	6/30/17	9/30/17
Little Laurel sampling	Q	Dan	6/25/17	9/30/17

Ace Drilling inspection	Q	Ray	6/22/17	9/30/17
Beldin Quarterly Report	Q	Art	7/18/17	9/30/17
Gibson Quarterly Report	Q	Michelle	?	1/31/17
Bender agreement-Beldin		Shawn		12/31/16
KL2 Weir		St F, Dan		5/31/17
		Shawn-MM-		
Gibson flushing observation		AWR		1/15/17
Cooney Weir and sampling	M	AWR-Dan	7/23/17	8/31/17
Brubaker weirs & sampling	M	CCWA		9/30/17
Bold Due in next month	M	Monthly		
	Q	Quarterly		

Ace Drilling Site: Site will be flushed and inspected by the end of September.

Data Logger: No new info was received this past month from Bryan.

Old Business:

The estimate from John Slovikosky to fill in the chitin tanks at KL1 is \$580. Also, Dan will be buying a hard drive to download and save CCWA files. Art will provide his files. We will need to contact Michelle to obtain project documents. Dan completed the SAMS registration.

New Business:

The Apple Cider festival is Sunday, October 1st at Prince Gallitzin Park. CCWA will have a display at the festival. Finally, please note the bridge will be out at Marina Road and Rt. 53 intersection near the steel plant in Frugality. Please remember to come in an alternate route for the meeting.

Next Meeting: September 19, 2017 Conference Room, Prince Gallitzin Park Office, 6:30 PM.

Adjournment: On a **motion** by Alene Smithmyer and seconded by Dave McMullen the meeting was adjourned.