

**CLEARFIELD CREEK WATERSHED ASSOCIATION
MINUTES
MEETING OF
APRIL 19, 2011
www.clearfieldcreekwatershed.org**

The meeting was called to order by President Edward McMullen with the pledge to the flag. There were 16 members present. There is one correction from last month's minutes, change the Dominion Grant from \$1,400.00 to \$1,500.00. A motion by Dick Dotts and seconded by Art Rose was then passed accepting the March 19, 2011 minutes. Ed mentioned that we are taping the minutes.

Treasurer's Report:

Treasurer's Report Continued:

<i>Deposits</i>	<i>Description</i>	<i>Amount</i>	<i>Account</i>
	Membership	\$ 35.00	General Account
	Donations -Derby	\$ 55.00	Fish Fund
	Tickets	\$ 370.00	Fish Fund
	Montgomery Bros	\$ 100.00	Fish Fund
	Comm. Found. 4 Allegheny	\$ 300.00	General Account
	Dominion Grant	\$ 1,500.00	Dominion III

Expenses

Earl Smithmyer	\$ 324.66	General Account
Ed McMullen	\$ 10.28	General Account
POWR	\$ 334.00	General Account
Mahaffey Labs	\$ 56.00	Amsbry
Mahaffey Labs	\$ 28.00	Gibson
Mahaffey Labs	\$ 112.00	General Account - Ace Drilling
St. Thomas Aquinas	\$ 100.00	General Account

A motion by Earl Smithmyer and seconded by Eric Davis was passed authorizing the payment of all invoices and to accept the Treasurer's Report.

Secretary's Report:

Jerry McMullen was not to present at the meeting for a report.

Membership Committee:

One (1) new membership was reported this month.

Public Relations/Historical Committee:

Jane from The Progress, had an article and two (2) pictures from the Trout in the Class Room project, the stocking and field trip covering the students from Penn Cambria School District. Justin Eager from the Mainliner also gave us excellent coverage.

Finance Report:

Larry Sutton was not present at the meeting for a report.

Grant Committee:

Shawn had e-mailed Dan about WPCAMR Grant that will be coming out. Earl and Aileen Smithmyer attend the award ceremony for the Dominion Grant. They both had a good time. Earl had brought back some ideas for us to use in future grants. They also brought back with them a plaque and a check for \$1,500.00 for the Swank Project. Shawn Rummel from Trout Unlimited said that we could apply for the TAG Grant, which will be used for shocking the Clearfield Creek. Dan will look into it. Brian Rabish mentioned about PENN VEST. PENN VEST may be an avenue for grants for the watershed.

Clean Up Committee:

We had 28 people show up. Ed has several pictures, which were taken as a group around some of the trash that was picked up. Earl wants to send the pictures to PA Clean Way to see if we can get in one of their magazines. We want to thank Earl and Alene, for the outstanding meal and diserts for all the volunteers.

Tech Committee:

Art Rose, chairman of the Tech committee, submitted the following tech report.

Tech Committee Report- April 19, 2011.

Klondike Project The site was visited on a tour for Grier School on 4/16 and the KL2 system sampled. It continues to generate alkaline water. The KL1 system was sampled on 4/17. March lab data indicates removal of about 75% of acidity and iron. The crab shell system was operating on 4/17. At least one length of pipe on the slag system was broken. Dan is going to look into seeing if we can get a piece of rubber roof to fix the dam need for the slag treatment.

Amsbry project At a meeting with Michelle Merrow, a conceptual design was agreed on – a flushed limestone bed followed by a settling basin. An additional weir was installed on the AM5 outflow stream about 100 ft from Clearfield Creek. It showed lower flow than the discharge, suggesting that some AMD is leaking from the pond and stream into the groundwater system. Further studies of groundwater will be conducted when the weather is less wet. A detailed mine map has been ordered from the Office of Surface Mining map repository.

West Ferris Wheel Project All landowner agreements have been received and will be forwarded to DEP. The contract was sent to DEP in March. A Good Samaritan agreement is nearly complete. A list of possible bidders and bidding instructions were developed with Alder Run Engineering. Art developed a resolution about the Contractor Integrity that will satisfy the contract. The resolution is as follows: The Clearfield Creek Watershed Association (CCWA) hereby resolves to maintain the highest standards of contractors integrity and honesty, as described in Attachment A of the 2011 contracts with DEP for the West Ferris Wheel and Gibson Projects and in future similar contracts. The standards include obedience to State Laws and regulations, avoidance of any gratuities or ethical violations of State policy, reporting of any political contributions aggregating greater than One Thousand Dollars (\$1,000.00) by any officer or director, and notification to the State of any officer or director charged or convicted of theft, bribery, falsification of records and similar crimes. Ray Hollen made the motion to

accept the Resolution on Contractor Integrity as stated above; Brian Rabish seconded the motion, all in favor. Motion carried.

Gibson Project The contract was submitted back to DEP for their signature.

Swank Project A permit agreement is being prepared by the Game Commission. We await word on funding from the Foundation for Pennsylvania Watersheds.

Brubaker Project A helpful meeting was held in Morgantown WV by Art Rose and Bob Hedin with Dave Sharp of Potesta, the proposed contractor for the project. A new project manager at the Corps of Engineers has been appointed, Kate O'Mara. Several phone discussions with her have been held, and a field visit is planned for next week. Also John Strittmatter and Earl Smithmyer meet with Bill Shuster's office, about the possibility of money for the clean up of Brubaker. The money has been turned over to the state, the Abandoned Mine Reclamation Fund. John stated that Alan Walker, who is on the new governor board, might be able to help and or point us in the right direction. Alan gave John a list of money that will be coming to PA. John stated that the amount of money coming in is what we need to get and treat the water. Dick Dotts stated that we still need the data in order to get the grants. Art suggested that we need to talk to BAMR about the situation. We need to go to them and see if they can take another look at this. Art also stated that out of the Army Corps we should get a design and the amount need. Art also stated that weather we should go with an active system or a passive system. Will the money be there for future treatment of the active system? CCWA cannot afford to operate an active system. Earl said that we need to pursue DEP about this issue.

Muddy Run Mapping A final report was submitted to Foundation for PA Watersheds. The maps are in use in design courses by students at Penn State.

The Following Was Reported by Michelle Merrow:

Ferris Wheel Reveg—Michelle has been working with Shawn Simmers to get the project details worked out so the project can be put out to bid and implemented this fall. Shawn is checking into the ash trucking costs. It should be no problem getting the ash.

We have obtained quotes for mushroom compost, and are waiting for some additional quotes. Right now, mushroom compost is less expensive than what the Solid Waste Authority charged for the leaf compost. We are also looking at a product that has bacteria and nutrients specially designed for harsh applications like gold mine sites out west that may eliminate the need for the compost (and the expensive trucking costs). We are getting costs for this, as we will need about 40 tons. Trucking will be less as it will be 2 truckloads, but it will depend on the cost of the material.

The Haluska money must be spent by June 30, 2011. We are planning to either purchase seed or fertilizer, as it has to be spent on materials. Those items can be most easily stored. See item below about looking at the current grass cover before we purchase seed.

Michelle and Shawn (and anyone else who wants to go along) will be meeting on May 17, 2011 at 5:00 PM at the site to look at the grass cover in the first phase and see how it is doing long-term. We want to look at the grass before a decision on seed mix is made for the new phase.

West Ferris Wheel-Michelle talked with the ACOE about the permit, and they are going to work on it starting June 1. They are discussing the best way to permit it, and I anticipate a permit by July 1 (because we had talked with the DEP and the ACOE all through this process). We should still be ok with the schedule for construction. We will know more after June 1, which is why the pre-bid info given to Art starts after that. The permit may have to be published in the Federal Register, but even so, we will know that it is being permitted as-is with no changes, which will allow it to be bid.

Michelle has given a draft final report to Art. She also has CDs ready for Art and Donna Carnahan for the final report. We owe Art a set of drawings, which we will get to him as soon as possible for his review.

Michelle has provided Art with a suggested Bidder's list incorporating Art's suggestion of Smith Lumber, Ligonier Construction, and Krieger Excavating. The Army Corps is scheduled to review the project on June 1 for permitting, so I suggest that we hold off scheduling the pre-bid until then until we have a better idea when to expect that permit.

Amsbry-Michelle and Art met and came up with a revised concept using a limestone cell and settling basin that will work within the available space and elevation change. Michelle has a revised site concept that she needs to discuss with Art. The topics of discussion are down to under drain configuration, and basin configuration (i.e. using a two-stage basis because we need sufficient volume to flush the limestone cell completely).

We discussed at the last meeting, but I would really like to schedule a meeting with the property owner so we can present this plan. The info about what they want to do with the old roads/new roads, and our plan that relocates one trailer would be best discussed with them before we submit for permits. Could we set up a meeting with Art, Michelle, and anyone else who wants to attend? I would be happy to go myself if need be as well. Brian from our office seems to have a decent relationship with the owner's children, and he could go with me as needed.

Gibson-Halstock—We are waiting for topo maps from Bryan Rabish. If need be, Alder Run Engineering can probably download this LIDAR info from PASDA then convert it to contours we can use with our AutoCAD system.

Muddy Run Mapping-Project is done. Data has been provided to PASDA, which was a requirement of the grant money from the Foundation for PA Watersheds. Michelle provided a draft completion report to Art to review. It should be printed and signed and sent to FPW. An electronic copy should also be emailed.

Below is a description of what PSU is doing with the information from this project:

Muddy Run is being used as a real-world example in a series of classes offered by the Penn State Department of Civil and Environmental Engineering regarding water quality assessment and design of AMD treatment systems. In Spring 2010 the CE475 Water Quality Chemistry class conducted a single sampling event-Total Maximum Daily Load (TMDL) assessment of the Muddy Run watershed and found that the majority of the aluminum load originated in the headwater regions of Muddy Run while the majority of the iron load originated in Little Muddy Run (likely from the Eureka Mine discharge).

From this assessment and in consultation with Art Rose of CCWA, the faculty decided to focus on designing an AMD treatment system for the MEUC discharge in the upper Muddy Run watershed. With that goal in mind, in Spring 2011 the CE465W Water Resources Engineering Capstone Design class used the recently obtained mapping data to perform a hydrologic assessment of the watershed and a hydraulic design for conveying the design flow into a future treatment system and all overflow to bypass the system. In Fall 2011 the CE472W Environmental Engineering Capstone Design class will use the mapping data and the hydraulic design from the CE465W class to design an AMD treatment for this discharge.

Morgan Run Ross- The OSM money has been approved. Art provided the information for the Central Contractor Registration (CCR), and OSM verified that info. CCWA should be getting either a letter or an email stating that the money is available. Sometimes they only send an email. If Art receives it, could we please get a copy for the files and for match documentation for the Conservation District? We will then have to go online and ask for the money to be transferred later this summer when we need it. The money will not automatically come to CCWA as a check or an EFT.

We had to modify the access for the site, and we received approval from the Conservation District in Feb 2011. We are waiting anxiously for approval from DEP for a GP-7 Minor Road Crossing. Sometimes they don't copy the engineer on the permit notification.

CCWA has been added as an "additional insured" on the project manual, per discussion with Larry Sutton at last meeting.

A pre-bid meeting for this project is scheduled for May 16, 2011, 10:00 am, at the site. If mining at MR7 is sufficiently complete, we will try to see that site afterwards as well.

Morgan Run Tuff-Michelle presented a Notice of Termination for the NPDES permit at the last meeting. Ed McMullen had it signed and sent back. We are holding it at our office until the grass starts growing around the channel lining installed last Oct, and then we will file it with the Conservation District to close out the NPDES permit and remove CCWA from any long-term obligation for the site.

Morgan Run Frog—E.M Brown has been working at the site. They are planting and tubing trees and putting a lid on a manhole that Earthmovers never finished. The Conservation District pays for that work from money withheld from Earthmovers.

EM Brown is also installing the improvements funded by the Foundation for PA Watersheds grant to CCWA. Some of the treatment cells are drawn down to allow the man to work (without needing a big boat). This work will be finished soon. As soon as they are done, we will present a Notice of Termination for the NPDES permit to CCWA for signature to remove CCWA from the permit obligations.

Ace Drilling: Earl Smithmyer and Dick Dotts did there sampling for the 1st quarter.

Old Business:

Trout in the Classroom Project-Penn Cambria:

The field trip was a great success. We had 93 students. At one time there was 110 people along the stream. Brian Rabish once again did an outstanding job. Brian supplied a chart of bugs that they could compare to as they sampled the Clearfield Creek and Beaver Run. As they have found that there were more bugs in Beaver Run than in the Clearfield Creek. The group was very well behaved. The students also got to help stock the stream thanks to PA Fish Commission. Next they went to Dysart Sportsman's for lunch, and then onto Brubaker Run to see the discharge. Then they went down to Dean to see where Brubaker runs into the Clearfield Creek and how it affects the stream. Once again Penn Cambria School and CCWA has done an excellent job. Many thanks to Earl, Alene, Pat (Alene Sister) for the wonderful meal and to all CCWA members for a successful day.

Fishing Derby:

May 21, 2011 is fast approaching. CCWA has lots of tickets, so if you need any contact Ray Hollen or Earl Smithmyer. We also need to clean up around the dam. We will set up a time and later date. Earl and Bob said that we should be able to use the large tent from the sportsman's. We are going to look and see if we will be able to clean out the dam for future events. Brian is going to talk to Rob about this. We also are going to ask Trout Unlimited about some other issues regarding the dam and stream.

New Business:

Mr. & Mrs. Dick Dotts attended the award banquet for the Clearfield County Conservation District.

The County Commissioners asked Brian Rabish, to educate the watersheds on the Marcellus Shell Drilling. Brian stated that he would like for the watershed to invest in data logger to monitor several streams. The data logger cost about \$1,300.00 and can be used for many uses.

Eric Davis talked to the principle of Glendale School District about the Trout in the Classroom program. The principle seemed to be interested and asked if CCWA would sponsor the school. Dane Kalwanski made a **motion** to sponsor Glendale School District for \$350.00 for the Trout In The Classroom. Brian Rabish Second the motion. All were in favored. Motion carried.

Next Meeting: May 17, 2011, Laurel Run Sportsman, Dysart, 6:30PM.

Adjournment: On a **motion** by Dane Kalwanski and seconded by Dick Dotts the meeting was adjourned.