

**CLEARFIELD CREEK WATERSHED ASSOCIATION
MINUTES
MEETING OF OCTOBER 19, 2010
www.clearfieldcreekwatershed.org**

The meeting was called to order by President Earl Smithmyer with the pledge to the flag. There were 16 members present and one visitor, Julia Rose, granddaughter of Art Rose. Earl welcomed Julia to the meeting. A **motion** by Dick Dotts and seconded by Alene Smithmyer was then passed accepting the September 21, 2010 minutes. Jerry noted a copy of the treasurer's report was not available when he sent out the September minutes. A copy will be attached to the October minutes when they are sent out. Earl mentioned that we are taping the minutes.

Treasurer's Report:

Meeting of 10/19/10

For: Sept 1 - Sept 30, 2010

General Fund

Beginning Balance		\$8,673.45
Deposits	Bank Interest	\$0.23
	Membership	\$10.00
Expenses		
Ending Balance		\$8,683.68

Grant Accounts

	<u>Beginning Bal.</u>	<u>Deposits</u>	<u>Expenses</u>	<u>Ending Bal.</u>
Working Capitol	\$30,714.19	\$1.04	\$0.00	\$30,715.23
MuR1 Assessment	(\$10,529.76)	\$0.00	\$0.00	(\$10,529.76)
MuR Mapping	\$4,825.00	\$0.00	\$0.00	\$4,825.00
MR Ross	\$0.00	\$0.00	\$0.00	\$0.00
Amsbry	\$5,637.96	\$0.00	\$0.00	\$5,637.96
FerrisWheel West	(\$11,682.76)	\$0.00	\$0.00	(\$11,682.76)
FerrisWheel Reveg	\$0.00	\$0.00	\$0.00	\$0.00
KL-2	\$5,552.96	\$0.00	\$0.00	\$5,552.96
KL-Rose	\$659.00	\$0.00	\$0.00	\$659.00
KL-Chitin	\$12,740.72	\$0.00	(\$11,481.41)	\$1,259.31
Fish Fund	\$3,104.17	\$0.00	\$0.00	\$3,104.17
<u>Totals</u>	\$41,021.48	\$1.04	(\$11,481.41)	\$29,541.11

Respectfully Submitted
Dane R Kalwanaski, Treasurer

Treasurer's Report Continued:

Deposits:

\$14.00 - Apple Cider Festival Donations - General Fund

Expenses:

\$353.60 - Cresson Feed Mill - Fencing - KL-2

\$19.95 - NeoNexus – One month website fee, General Fund

\$118.50 - Earl Smithmyer - Food and Supplies, cleanup - General Fund

\$132.59 - Earl Smithmyer - Lumber - KL-2

\$457.88 - Smithmyer Plumbing and Heating - Pipe - KL-2

\$125.00 Mahaffey Labs - W. Ferris Wheel

\$100.00 - Mahaffey labs - KL-Rose

\$20.00m - Cambria County Conservation District - Flyers - General Fund

Transfers:

\$453.00 from General Fund to Grant Account Fish Fund

(Breakdown:

\$183.00 in GF from 50/50 to Grant account Fish Fund

\$300.00 in GF from concession start-up to Grant account Fish Fund

\$30.00 taken from Grant Acct for Mahaffey bill, should have been from General Fund

(Ledgers reflect from General Fund currently). Note: these transfers will be reflected in the October Treasurer's report.

A motion by Dan McMullen and seconded by Ed McMullen was passed authorizing the payment of all invoices and to accept the Treasurer's Report and all pending changes.

Secretary's Report:

Jerry stated that he had a few e-mail correspondences this past month. Jerry stated that he contacted the PA Game Commission and had to draft a cover letter to order the trees for next spring.

Membership Committee:

There were no new members for this month.

Public Relations/Historical Committee:

Ray had nothing new to report under public relations. He is still waiting for some pictures from the fishing derby to enter into the historical book.

Finance Report:

Larry was unable to attend the meeting. He had earlier dropped off copies of the endowment agreement with Community Foundation for the Alleghenies for each Board member. Earl asked each Board member to take one for review and discussion and possible Board member vote after the November meeting. There will have to be a change to the by-laws.

Grant Committee:

Shawn mentioned that WPCAMR would like at least one representative from CCWA to attend the next WPCAMR Quarterly meeting, to be held on November 12th from 10-2 at the Eat N Park in Indiana. At that meeting we will be presented with the award and a picture for their press release. Earl and Alene agreed to attend the meeting.

Rachel mentioned a couple of upcoming grants that CCWA could apply for: a Cold Water Heritage Grant and from DEP an Educational Grant. Earl mentioned that as part of our TIC sponsorship that we provide a field day for the Penn Cambria students involved in the project and that perhaps we could use this grant to cover some of the costs and busing. Shawn and Dan agreed to look into these grants.

Tech Committee:

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

Tech Committee Report-October 19, 2010

Klondike Project Sampling in September shows that the outflow is net alkaline with a pH about 6, owing to the alkalinity being released from the crab shell experiments combined with the very low flow of only a few gallons per minute. About 10 mg/L iron is present, but most of this appears to be suspended particles. Approval was received from DEP for the slag bed, and supplies of slag and a liner should arrive in the next few days. We should approve payment of \$840 for slag, and \$646 for the liner from the Klondike grant so these bills can be paid within 30 days. About \$5000 is available in the grant account for this project. Discussion with Malcolm Crittenden indicates that analyses of samples from the site from the state lab might be arranged.

West Ferris Wheel Project Mark Blaisdell, representing the Cooney Trust under attorney Neugebauer, assured me in a phone conversation that a Landowner-Grantee agreement will be approved by the trust. Permitting is still underway. We need to submit a bill for the recent work.

Gibson Project We still await a response from E.P. Bender on the Landowner Commitment. The commitment was discussed with Malcolm Crittenden of DEP.

Glasgow Project When visited on 10/18, there was flow of less than 1 gpm into the passive system.

Muddy Run Project During the month, the financial records for grants were turned over to Rose from Larry Sutton. For Muddy Run, a final invoice of \$22,023 was submitted to DEP. This bill includes \$1375 for CCWA's administration of the project.

Amsbry Project A tentative bill to DEP was prepared but awaits receipt of a bill and project report from Alder Run Engineering. The basic design of treatment facilities was extensively discussed. A flushed limestone bed appears to be possible, with constraints from shallow groundwater and limited space, as well as limited experience with such facilities. Merrow and Rose are to discuss the design.

Swank 13 Project A tentative arrangement to meet Nathan Havens and Game Commission foresters at the site in early November for discussion of the road and other plans for the project.

Blandburg Project The site of the planned treatment system has been cleared.

Brubaker Project The clay mine site was visited on 9/22 with a group of researchers from Penn State who is studying iron-oxidizing and other bacteria and their effect on

decreasing iron in the discharge. The gate to the site was open on 9/22, but was reported closed recently. The Corps of Engineers has discussed a contract for evaluation of the Brubaker site with Hedin Environmental, and are investigating simple methods of contracting with them.

St Francis Course Allison Felix at St. Francis University indicates that the grant for the teacher course started last summer contains \$1000 to be used by CCWA in general support of course activities planned by the teachers. Discussion indicates that purchase of a flow meter would be desirable. The possible meters and prices will be investigated.

Note: A **motion** by Dan McMullen and seconded by Ray Hollen was passed approving an \$840.00 payment for the slag to Phoenix Services LLC. and a payment of \$646.00 for the liner to LB Waters Inc.

The following was reported by Michelle Merrow:

W. Ferris Wheel AMD—The ACOE and DEP are deciding which permits to require, and Alder Run Engineering is waiting to submit the forms until they decide.

Ferris Wheel Reveg—Shawn Simmers suggested that we have a specific meeting to discuss the project and what to do regarding the fly ash.

Amsbry—Michelle said that Alder Run Engineering has done about as much as they can with the project until we decide on a treatment concept. Alder Run Engineering had identified some additional discharges on the site that they would like to investigate further, but the discharges have been dry for a few months. They will keep watching them.

Michelle stated that she and Art Rose had discussed a concept for passive treatment of the discharge using an oxic limestone cell with automatic flushing as has been developed recently by Hedin Environmental. Art feels confident that the low pH of the water will dissolve the limestone and prevent any scale or coating that would reduce the efficiency of the limestone. Michelle indicated that there would still be maintenance needs, such as potential cleaning or “stirring” of the limestone as frequently as once per year. Also, she described site constraints such as available space, limited elevation change, and shallow depth to groundwater that will make the construction of a treatment system difficult.

An option would be to install a lime doser with mixing channels and settling basins. The drawback to this would be chemical costs. At the end of the discussion, it was decided to do preliminary design for a passive treatment system to make sure it will fit, and to do a cost estimate, and present it back to the group at a future meeting.

Muddy Run Mapping—Michelle talked to Land and Mapping in September, and they indicated that they would have the first site mapped in the next few weeks. Michelle will contact them again to see what the status is.

Morgan Run Ross—Alder Run Engineering had sent in some information showing that the site was mined pre-Act, and that it was reclaimed by the Office of Surface Mines, not a private operator. The legal staff at OSM just approved the site eligibility, so we are starting to put together an application for funding. We will give a copy to Art Rose when it's finished. The account should stay open, although it has a \$0 balance for now. The

money will come to CCWA via an electronic transfer, and Art Rose indicated that he would get the password info from Larry Sutton.

Morgan Run Frog—Earthmovers is back on site replacing a valve that has never worked, re-planting the trees, and putting tree tubes on the trees. The Conservation District is holding some retainage until this work is done.

Ace Drilling Site: Earl reported that he and Dick will be sampling this site in late November or early December.

Old Business:

Gary Haluska Grant: Earl stated that he had recently talked to Gary Haluska. Rep. Haluska was not sure about the grant. At this time we are not confident that we will receive this money but will wait and see.

Fencing for Trees-Klondike site- All remaining fencing around the trees and reseeding around the Chitin project was completed.

CCWA Brochures-Update: A discussion was held on the brochure update. Rachel stated that she had a Vista worker who had recently helped another group with their brochure. Material, pictures, etc. will need to be provided. She will have the Vista worker contact us and attend the November meeting.

TU Stream Assessment: Rachel Kester from Trout Unlimited presented the following report:

The biological assessment took place in Clearfield Creek from just above Amsbry Bridge to just below Brubaker Run that was completed as part of a Trout Unlimited Technical Assistance Grant. In December 2009. Seven sites along the main stem of Clearfield Creek were evaluated for habitat conditions, water chemistry, and flow and macroinvertebrate populations. The habitat at all seven sites was found to be in the optimal range for supporting aquatic life according to the DEP's Water Quality Network Habitat Assessment form. Of the seven sites, only the site directly below Brubaker Run exceeded the Chapter 93 Water Quality limits for iron, manganese, and aluminum. All other sites were found to be within the limits that would support aquatic life and the stream was found to be net alkaline until just below Brubaker. Benthic macroinvertebrate populations were found to be just below the threshold to meet the Aquatic Life Use (ALU) designation as defined by DEP's Index of Biological Integrity, except for the site above Amsbry Bridge which did meet the threshold for ALU attainment. Despite not meeting the ALU threshold at most sites, the macroinvertebrate results showed that this section is in recovery and would still be able to support a variety of fish species, including brook trout. This is due to the number of different taxa (types) of pollution tolerant macroinvertebrate species that were found. A fishery survey was attempted in July 2010. However, due to the high conductivity of the stream, the electro fishing unit was ineffective at stunning the fish. Fish were observed swimming in the stream near Amsbry Bridge but the sampling team was unable to net any of them due to the limitations of the equipment. TU is in the process of purchasing a new unit that would be capable of functioning in higher conductivity streams and would be glad to come back and attempt the fishery survey again once the new equipment comes in. The Area Fisheries Manager from PFBC has told TU that he plans to propose the listing of Clearfield Creek from the headwaters to Brubaker Run as a Wild Trout Fishery. This would afford greater protection from development such as mining and Marcellus Shale, as the wetland status would be elevated to Exceptional Value (EV) for all wetlands surrounding the stream. It is not known at this time when the final listing of this section of Clearfield Creek will take place as it will have to go before the PFBC Board of Commissioners for approval. A copy of the Technical Assistance Grant final report can be found at

<http://www.wbsrc.com/documents/TAG%20reports/Upper%20Clearfield%20Creek%20Biological%20TAG%20final%20.pdf>. Thanks!

Cleanup-September 26th: Earl mentioned that his cleanup went very well with a total of 26 volunteers present. Jerry wanted to remind all volunteers that if garbage is found, especially along the stream, with a name/address in the garbage to please do not disturb. CCWA will contact the proper authorities for prosecution. Earl mentioned that he would like to take a group picture in the spring of the garbage and volunteers. Special thanks to Alene and her sister Pat for a great lunch and delicious desserts.

Winter Meeting Site-Earl stated that he had contacted the Prince Gallitzin Park office and they agreed to allow us to use their conference room for our winter meeting site beginning in November.

Apple Cider Festival-October 3rd-CCWA did have a display at the Apple Cider Festival. We had a lot of people stop and look at our display board. We also received \$14.00 in donations. Earl suggested that we may set up in a different location next year that would make it easier for the people to visit our site.

Trout in the Classroom Project-Penn Cambria-Jerry reported that he had recently talked to Mr. Baird, Penn Cambria Middle School Principal. The students are excitedly looking forward to receiving the fish eggs. Jeff also mentioned that he is very appreciative of the financial support received from CCWA.

Upcoming Elections/Committee- Nominations will be accepted beginning at the November meeting for the Secretary, Treasurer, President Elect and one Board member. Ray Hollen, Dan McMullen and Eric Davis agreed to serve on the election committee.

Lieutenant Governor's Office- Dick mentioned that he had recently heard from the Lt. Governor's office and they are looking into the problem along Rte 53 with old materials being left behind after the installation of new guardrails. He is waiting to hear back from them.

Signage- Earl had already repainted the Laurel Run Sportsman's sign and put in a new pole. Special thanks to Earl for a job well done.

New Business:

CCWA Laptop Computer-Dane reported that the CCWA laptop had recently crashed. It was noted that we may need a laptop for a future display and CCWA use. Dane is to get pricing and report at the November meeting.

Promotional Items- Dane had a catalogue and a list of promotional items. Earl mentioned that he would look at these and discuss further at the December meeting.

Next Meeting: November 16, 2010, Prince Gallitzin Park Office, Lower Level, rear of Building, 6:30 PM. Please note this is our winter meeting site.

Adjournment: On a **motion** by Ed McMullen and seconded by Dan McMullen the meeting was adjourned.

Below is the September Treasurer's Report that was not available last month:

Clearfield Creek Watershed Association

Treasurer's Report

Meeting of 9/21/10

For: July 31 - August 31, 2010

General Fund

Beginning Balance		\$8,673.45
Deposits	Bank Interest	\$0.25
Expenses	Mahaffey Labs - Ace Drilling	(\$196.00)
	Earl Smithmyer	(\$14.98)
	Gerald McMullen	(\$36.40)
Ending Balance		\$8,426.32

Grant Accounts

	<u>Beginning Bal.</u>	<u>Deposits</u>	<u>Expenses</u>	<u>Ending Bal.</u>
Working Capitol	\$30,712.77	\$1.42	\$0.00	\$30,714.19
C&K Passive(Glasgow)	closed			\$0.00
MuR1 Assessment	(\$10,529.76)	\$0.00	\$0.00	(\$10,529.76)
MuR Mapping	\$4,825.00	\$0.00	\$0.00	\$4,825.00
MR Ross	\$0.00	\$0.00	\$0.00	\$0.00
Amsbry	\$5,637.96	\$0.00	\$0.00	\$5,637.96
FerrisWheel West	(\$11,682.76)	\$0.00	\$0.00	(\$11,682.76)
FerrisWheel Reveg	\$0.00	\$0.00	\$0.00	\$0.00
KL-2	\$5,552.96	\$0.00	\$0.00	\$5,552.96
KL-Rose	\$659.00	\$0.00	\$0.00	\$659.00
KL-Chitin	\$15,000.00	\$0.00	(\$2,259.28)	\$12,740.72
Fish Fund	\$3,104.17	\$0.00	\$0.00	\$3,104.17
<u>Totals</u>	\$43,279.34	\$1.42	(\$2,259.28)	\$41,021.48

Respectfully Submitted:

Dane R. Kalwanaski,
Treasurer

Treasurer's Report Continued:

Deposits:

\$10 to Gen fund for Membership

Expenses:

\$332.52 to Force inc. For Supplies on KL-Chitin

\$8280.00 to Penn State Univ. for Supplies on KL-Chitin